# Table of Contents

1 Important User Information ........................................ 1
   Important Safety Instructions .................................. 1
   WD® Service and Support ....................................... 2
   Recording Your WD Product Information ...................... 3
   Registering Your WD Product .................................. 3
   Accessories ...................................................... 3

2 Product Overview .................................................. 4

3 Features and Functions ........................................... 6
   Features .......................................................... 6
   Connections ...................................................... 7
   Power Button and LED Indicator ................................. 8
   Remote Control ................................................... 9

4 Getting Started ..................................................... 10
   Package Contents ................................................ 10
   Installation Requirements ...................................... 10
   Operating System Compatibility ................................. 10
   Installation Procedure .......................................... 11

5 Operating the Media Center ....................................... 22
   Using the Remote Control ....................................... 22
   Using a USB Keyboard .......................................... 24
   Using the Media Center Menu ................................... 26
   Media Library Compilation ..................................... 29
   Locating Your Contents on the Drive ........................... 31

6 Watching Video ...................................................... 36
   Video Playback ................................................... 36
   Videos Menu Options ........................................... 38
   Video Playback Controls ....................................... 42
   Video Playback Options ....................................... 43
   DVD Navigation .................................................. 48
# TABLE OF CONTENTS

<table>
<thead>
<tr>
<th>Section</th>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>7</td>
<td>Playing Music</td>
<td>50</td>
</tr>
<tr>
<td></td>
<td>Music Playback</td>
<td>50</td>
</tr>
<tr>
<td></td>
<td>Music Menu Options</td>
<td>52</td>
</tr>
<tr>
<td></td>
<td>Music Playback Controls</td>
<td>54</td>
</tr>
<tr>
<td></td>
<td>Music Playback Options</td>
<td>55</td>
</tr>
<tr>
<td></td>
<td>Playing Music From Your iPod®</td>
<td>57</td>
</tr>
<tr>
<td>8</td>
<td>Viewing Photos</td>
<td>58</td>
</tr>
<tr>
<td></td>
<td>Photo Display</td>
<td>58</td>
</tr>
<tr>
<td></td>
<td>Digital Camera Support</td>
<td>60</td>
</tr>
<tr>
<td></td>
<td>Photos Menu Options</td>
<td>61</td>
</tr>
<tr>
<td></td>
<td>Photo Display Options</td>
<td>63</td>
</tr>
<tr>
<td></td>
<td>Displaying Photo Thumbnails</td>
<td>64</td>
</tr>
<tr>
<td></td>
<td>Displaying Photo Information</td>
<td>65</td>
</tr>
<tr>
<td></td>
<td>Photo Slideshow</td>
<td>65</td>
</tr>
<tr>
<td>9</td>
<td>Files</td>
<td>67</td>
</tr>
<tr>
<td></td>
<td>Files Options</td>
<td>68</td>
</tr>
<tr>
<td>10</td>
<td>Network Setup</td>
<td>69</td>
</tr>
<tr>
<td></td>
<td>Ethernet Network (Wired) Setup</td>
<td>69</td>
</tr>
<tr>
<td></td>
<td>Wireless Network Setup</td>
<td>70</td>
</tr>
<tr>
<td></td>
<td>Checking the Network Connection</td>
<td>74</td>
</tr>
<tr>
<td>11</td>
<td>Network Services</td>
<td>76</td>
</tr>
<tr>
<td></td>
<td>Accessing Media Content from the Network</td>
<td>76</td>
</tr>
<tr>
<td></td>
<td>Share a Folder on Your Computer</td>
<td>80</td>
</tr>
<tr>
<td></td>
<td>Using the Web UI</td>
<td>88</td>
</tr>
<tr>
<td>12</td>
<td>Internet Services</td>
<td>93</td>
</tr>
<tr>
<td></td>
<td>Adding a Service to Favorites</td>
<td>95</td>
</tr>
<tr>
<td></td>
<td>AccuWeather.com</td>
<td>96</td>
</tr>
<tr>
<td></td>
<td>Deezer</td>
<td>99</td>
</tr>
<tr>
<td></td>
<td>Facebook</td>
<td>104</td>
</tr>
<tr>
<td></td>
<td>Flickr</td>
<td>109</td>
</tr>
<tr>
<td></td>
<td>Flixster</td>
<td>116</td>
</tr>
<tr>
<td></td>
<td>Live365</td>
<td>117</td>
</tr>
<tr>
<td></td>
<td>MLB.TV</td>
<td>124</td>
</tr>
<tr>
<td></td>
<td>Netflix</td>
<td>128</td>
</tr>
<tr>
<td>Chapter</td>
<td>Title</td>
<td>Page</td>
</tr>
<tr>
<td>---------</td>
<td>--------------------------------------------</td>
<td>------</td>
</tr>
<tr>
<td></td>
<td>13 Live TV</td>
<td>169</td>
</tr>
<tr>
<td></td>
<td>Live TV Display</td>
<td>169</td>
</tr>
<tr>
<td></td>
<td>14 Games</td>
<td>170</td>
</tr>
<tr>
<td></td>
<td>Games Display</td>
<td>170</td>
</tr>
<tr>
<td></td>
<td>15 RSS</td>
<td>171</td>
</tr>
<tr>
<td></td>
<td>Reading RSS Feeds</td>
<td>171</td>
</tr>
<tr>
<td></td>
<td>Adding RSS Feeds</td>
<td>171</td>
</tr>
<tr>
<td></td>
<td>16 Setup and Advanced Features</td>
<td>172</td>
</tr>
<tr>
<td></td>
<td>Setup Navigation Buttons</td>
<td>173</td>
</tr>
<tr>
<td></td>
<td>Audio/Video Output</td>
<td>173</td>
</tr>
<tr>
<td></td>
<td>Appearance</td>
<td>178</td>
</tr>
<tr>
<td></td>
<td>Video Settings</td>
<td>182</td>
</tr>
<tr>
<td></td>
<td>Music Settings</td>
<td>184</td>
</tr>
<tr>
<td></td>
<td>Photo Settings</td>
<td>185</td>
</tr>
<tr>
<td></td>
<td>Network</td>
<td>187</td>
</tr>
<tr>
<td></td>
<td>Operation</td>
<td>193</td>
</tr>
<tr>
<td></td>
<td>System</td>
<td>195</td>
</tr>
<tr>
<td></td>
<td>Mobile Access/WD Photos</td>
<td>202</td>
</tr>
<tr>
<td></td>
<td>About</td>
<td>205</td>
</tr>
<tr>
<td></td>
<td>Media Library</td>
<td>206</td>
</tr>
<tr>
<td></td>
<td>17 System Maintenance</td>
<td>208</td>
</tr>
<tr>
<td></td>
<td>System Firmware Upgrade</td>
<td>208</td>
</tr>
<tr>
<td></td>
<td>Troubleshooting</td>
<td>210</td>
</tr>
<tr>
<td></td>
<td>Common Error Messages</td>
<td>213</td>
</tr>
<tr>
<td></td>
<td>FAQs</td>
<td>214</td>
</tr>
<tr>
<td>Appendix</td>
<td>Page</td>
<td></td>
</tr>
<tr>
<td>----------------------------------------------</td>
<td>------</td>
<td></td>
</tr>
<tr>
<td>Multiformat Content Playback</td>
<td>215</td>
<td></td>
</tr>
<tr>
<td>Supported Formats</td>
<td>216</td>
<td></td>
</tr>
<tr>
<td>Regulatory Compliance</td>
<td>220</td>
<td></td>
</tr>
<tr>
<td>Warranty Information (All Regions Except Australia/New Zealand)</td>
<td>222</td>
<td></td>
</tr>
<tr>
<td>Warranty Information (Australia/New Zealand only)</td>
<td>223</td>
<td></td>
</tr>
<tr>
<td>GNU General Public License (&quot;GPL&quot;)</td>
<td>224</td>
<td></td>
</tr>
<tr>
<td>Spotify Third-Party Licenses</td>
<td>224</td>
<td></td>
</tr>
</tbody>
</table>
Important User Information

Important Safety Instructions

This device is designed and manufactured to assure personal safety. Improper use can result in electric shock or fire hazard. The safeguards incorporated into this unit will protect you if you observe the following procedures for installation, use, and servicing.

- Read these instructions.
- Keep these instructions.
- Heed all warnings.
- Follow all instructions.
- Do not use this apparatus near water.
- Clean only with dry cloth.
- Do not block any ventilation openings. Install in accordance with the manufacturer’s instructions.
- Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- Only use attachments/accessories specified by the manufacturer.
- Unplug this apparatus during lightning storms or when unused for long periods of time.
- Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
- Carefully read and follow the Quick Install Guide and User Manual.
- Do not operate this device outside the temperature range of 5°C–35°C (41°F–95°F).
- Do not drop or shake the device.
- Do not move the device when it is powered on.
- Power supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon them or against them.
- Do not overload wall outlets.

For additional safety information, refer to www.wdc.com.
WD® Service and Support

Should you encounter any problem, please give us an opportunity to address it before returning this product. Most technical support questions can be answered through our knowledge base or e-mail support service at http://support.wdc.com. If the answer is not available or, if you prefer, please contact WD at the best telephone number shown below.

Your product includes 30 days of free telephone support during the warranty period. This 30-day period starts on the date of your first telephone contact with WD technical support. E-mail support is free for the entire warranty period and our extensive knowledge base is available 24/7. To help us keep you informed of new features and services, remember to register your product online at http://register.wdc.com.

Accessing Online Support

Visit our product support website at http://support.wdc.com and choose from these topics:

- **Downloads** - Download drivers, software, and updates for your WD product.
- **Registration** - Register your WD product to get the latest updates and special offers.
- **Warranty & RMA Services** - Get Warranty, Product Replacement (RMA), RMA Status, and Data Recovery Information.
- **Knowledge Base** - Search by keyword, phrase, or answer ID.
- **Installation** - Get online installation help for your WD product or software.
- **WD Community** – Share your thoughts and connect with other users.

Contacting WD Technical Support

When contacting WD for support, have your WD product serial number, system hardware, and system software versions available.

<table>
<thead>
<tr>
<th>Country</th>
<th>Telephone</th>
<th>Language</th>
<th>Country</th>
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<th>Language</th>
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<tr>
<td>North America</td>
<td></td>
<td></td>
<td>Europe</td>
<td></td>
<td></td>
</tr>
<tr>
<td>English</td>
<td>800.ASK.4WDC</td>
<td>English</td>
<td>Europe (toll free)*</td>
<td>08000.ASK4 WDEU</td>
<td>English</td>
</tr>
<tr>
<td></td>
<td>(800.275.4932)</td>
<td></td>
<td></td>
<td>(00800 27549338)</td>
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<tr>
<td>Spanish</td>
<td>800.832.4778</td>
<td>Spanish</td>
<td></td>
<td>+31 880062100</td>
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<tr>
<td>Mexico</td>
<td>001 8002754932</td>
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<td>Middle East</td>
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<td>Chile</td>
<td>1230 020 5871</td>
<td></td>
<td>Australia</td>
<td>1 800 42 9861</td>
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<tr>
<td>Venezuela</td>
<td>0800 100 2855</td>
<td></td>
<td>China</td>
<td>800 820 6682/+65 62430496</td>
<td></td>
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<tr>
<td>Peru</td>
<td>0800-54003</td>
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<td>Hong Kong</td>
<td>+800 6008 6008</td>
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<tr>
<td>Uruguay</td>
<td>000 413 598 3787</td>
<td></td>
<td>India</td>
<td>1 800 200 5789</td>
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<tr>
<td>Argentina</td>
<td>0800 4440839</td>
<td></td>
<td>Indonesia</td>
<td>+803 852 9439</td>
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<tr>
<td>Brazil</td>
<td>0800 7704932</td>
<td></td>
<td>Japan</td>
<td>0120 994 120 / 00531 65 0442</td>
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<td>Korea</td>
<td>02 703 6550</td>
<td></td>
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<td></td>
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<td></td>
<td>Malaysia</td>
<td>+800 6008 6008/1 800 88 1908/+65 62430496</td>
<td></td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>Philippines</td>
<td>1 800 1441 0159</td>
<td></td>
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<td></td>
<td></td>
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<td>Singapore</td>
<td>+800 6008 6008/+800 6008 6008/+65 62430496</td>
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<td></td>
<td></td>
<td></td>
<td>Taiwan</td>
<td>+800 6008 6008/+65 62430496</td>
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</tbody>
</table>

* Toll free number available in the following countries: Austria, Belgium, Denmark, France, Germany, Ireland, Italy, Netherlands, Norway, Spain, Sweden, Switzerland, United Kingdom.
Recording Your WD Product Information

In the following table, write the serial and model numbers of your new WD product. You can find this information on the label on the bottom of the device. You should also note the date of purchase. This information may be required when requesting technical support.

<table>
<thead>
<tr>
<th>Serial Number:</th>
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</thead>
<tbody>
<tr>
<td>MAC Address:</td>
</tr>
<tr>
<td>Model Number:</td>
</tr>
<tr>
<td>Purchase Date:</td>
</tr>
<tr>
<td>System and Software Notes:</td>
</tr>
</tbody>
</table>

Registering Your WD Product

Your WD product includes 30 days of free technical support during the applicable warranty period for your product. The 30-day period commences on the date of your first telephone contact with WD technical support. Register your WD product online at [http://register.wdc.com](http://register.wdc.com).

If your media center has an active network connection, you can register directly from the device using the supplied remote control (see “Using the Remote Control” on page 22) or a USB keyboard (see “Using a USB Keyboard” on page 24). Go to “Device Registration” on page 199 for instructions.

Accessories

For information on optional accessories for this product, visit:

<table>
<thead>
<tr>
<th>US</th>
<th><a href="http://www.shopwd.com">www.shopwd.com</a> or <a href="http://www.wdstore.com">www.wdstore.com</a></th>
</tr>
</thead>
<tbody>
<tr>
<td>Canada</td>
<td><a href="http://www.shopwd.ca">www.shopwd.ca</a> or <a href="http://www.wdstore.ca">www.wdstore.ca</a></td>
</tr>
<tr>
<td>Europe</td>
<td><a href="http://www.shopwd.eu">www.shopwd.eu</a> or <a href="http://www.wdstore.eu">www.wdstore.eu</a></td>
</tr>
<tr>
<td>All others</td>
<td>Contact WD Technical Support in your region. For a list of Technical Support contacts, visit <a href="http://support.wdc.com">http://support.wdc.com</a> and see Knowledge Base Answer ID 1048.</td>
</tr>
</tbody>
</table>
Product Overview

Thank you for purchasing a WD TV Live Hub media center. This user manual provides step-by-step instructions for installing and using your new media center. For the latest WD product information and news, visit our website at www.westerndigital.com.

The best of the entertainment on your HDTV – Stream hit movies, catch up on TV shows, watch the latest videos, and stay connected to your social network. Don’t settle for online entertainment on your small computer screen. With the WD TV Live Hub media center, you can enjoy it all on your HDTV. See “Internet Services” on page 93 for more details.

Centralize your media collection – Load up the high-capacity drive with all your media to create your own media jukebox. In a few clicks, you can play your home movies, share vacation slideshows, and play your music on the big screen and sound system in your living room.

Full-HD 1080p video playback; the perfect partner for your HDTV – This is the real thing; Full-HD 1080p playback. Sit back and enjoy the spectacular picture quality of brilliant high definition video and the crystal clear sound of digital audio. Use the included programmable remote control to make your entertainment choices using our crisp, animated navigation menus.

Play almost any type of media file – WD TV Live Hub supports a wide variety of the most popular file formats including HD camcorder video formats.

Your entertainment at your fingertips – Control your WD TV experience with the tap of a soft key or the swipe of a finger using the WD TV Remote™ app. Get one-touch access to your favorite online services, easy text input and a gesture pad for faster navigation to your favorite content. Download this free app from the Apple® app store or get the Android™ app on Google Play.

Shoot it on your mobile device, share it on your HDTV – Download WD Photos™, a free photo and video app for your iPad®, iPhone®, iPod touch®, or Android smartphone. Take a photo or video clip with your mobile device and upload it directly to the built-in hard drive on your WD TV Live Hub media center. You can also access all the photos stored on your media center and show them off with your smartphone or tablet.

Enjoy media from any source – Stream videos, music, and photos from your USB drive, network drive, and any PC or Mac® computer in your home. Our media library collects the content from all the drives, so finding the perfect video, song, or photo to view is easier than ever.

Access media anywhere on your home network – The Ethernet port lets you connect this media player to your home network so you can access and stream video, view photos, and play music from any Mac, PC, and network drive in your house.

Transfer files easily – Copy, move or delete files stored on a USB drive, a network drive, your camcorder, or a camera to the Live Hub built-in drive using the on-screen menus.
It's a multi-room media server streaming to any TV in your house – You can stream any file on the WD TV Live Hub media center to a WD TV Live Plus or WD TV Live media player or any DLNA/UPnP compatible TV, Blu-ray Disc™ player, or game console. The system is powerful enough to handle multiple streams so you can stream a movie to your Blu-ray Disc™ player, while viewing photos on your TV upstairs.

Bring the arcade to your HDTV – WD TV Live Hub brings casual games to your big screen TV. Test your skills with classic games such as Rockswap Adventures, Cosmox, Sudoku, and Memory.

Advanced navigation options
- Thumbnail, list, and preview modes – Browse your content by file name or by thumbnails of photos, album covers, video preview, and movie cover art.
- Media Library – This unique feature lets you view all your media by media type in one menu regardless of its location in folders or drives. You can view your content by categories such as genre, album, artist and date.
- Search – Search by genre, title, artist, filename and partial filename.

Photo viewing
- View photos as a slideshow with a variety of transitions and background music
- Zoom and pan
- Search by filename, partial filename, most recently viewed and date

Movie viewing
- Fast forward, reverse, pause, zoom, and pan
- View subtitles
- Search by filename, partial filename, most recently viewed and date

Music playback
- Fast forward, reverse, pause, shuffle, repeat
- Search by filename, partial filename, most recently viewed and date

File Management
- Copy files between USB drives and transfer files between a USB drive connected to the media center and your computer.

S/PDIF digital output – The optical audio output sends digital signals to your AV receiver for the best surround sound experience.

Ultra-compact design - Fits easily into your entertainment center.
Features and Functions

Features

Menus
Your media is organized, categorized and ready to play – The WD TV Live Hub media center finds and categorizes all the media on the built-in drive and any connected USB drives and displays it in one easy-to-view menu system. If you have one of our My Book® Live™ network drives connected to your network, it will find the media on that, too.

Customize your media experience – Customizable screens, themes and favorites let you personalize the media experience for you and everyone and your home. The interface also remembers your last selection so you can easily continue the fun.

Choose from a variety of list viewing options – Select thumbnail view, list view and even see a little preview of your movies in your movie menu. You can add metatags to your media for better identification.

Play photo slideshows with the music you choose
Tag your favorites for instant playback

Supports DVD Navigation – View all the content included on your ripped DVDs, including complete menu navigation, chapter listings, special features, and subtitles.

Family-ready – Share your family photos, videos, music, and files on your home network and stream to any screen in the house.

Automatic play – Set the player to play a selected media file automatically when the unit is turned on. Perfect for living art on your HDTV or for digital signage.

On the computer…
Sync new media – The player automatically synchronizes with watched folders so new content from any PC, Mac, or USB storage will be added to the WD TV Live Hub.

Play your media from your computer – This media center is Windows® 7 compatible, so you can use the “Play To” feature to easily stream your Windows 7 computer’s files to your TV through your media center.*

*For more information on Play To, go to: http://windows.microsoft.com.

Audio/Video Interface

- HDMI interface for digital audio and high-definition video.
- Component video interface (YPbPr, green/blue/red) for analog video connection.
- Composite interface (RCA, yellow/white/red) for analog AV connection.
- S/PDIF (optical) audio for high-fidelity digital audio.
- Auto source function enables the HD media center to detect and switch to a new interface connection. For example, the media center automatically switches to HD mode when it is connected through an HDMI cable.
• Video output resolution includes 480i, 576i, 480p, 576p, 720i, 720p, 1080i, 1080p.
• Stereo or multi-channel digital surround audio output (digital surround sound is only available when using the HDMI or S/PDIF interfaces).
• Wired or wireless Internet connection for access to online media content.

**Plug-and-Play USB 2.0 Support**

• USB storage device with a USB connector
• Portable media centers with USB connector
• Digital cameras/camcorders with USB connector

*For a list of tested, compatible USB devices, see Article #5688 in our knowledge base at [http://support.wdc.com](http://support.wdc.com).

**USB Storage File System Support**

• NTFS
• FAT/FAT32
• HFS+

**Connections**

<table>
<thead>
<tr>
<th>Item</th>
<th>Component</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>USB port 1</td>
<td>Supports connection of compatible removable storage devices, portable media centers, digital cameras with USB connectors, and USB wireless adapters.</td>
</tr>
<tr>
<td>2</td>
<td>Reset button (bottom of device)</td>
<td>Press for one second to reset to factory defaults (see “Device Reset” on page 200). Press and hold 10 seconds to toggle between NTSC and PAL. Use a fine-tipped stylus or the unfolded end of a paperclip to press the reset switch.</td>
</tr>
<tr>
<td>3</td>
<td>Power jack</td>
<td>Connects the power cable.</td>
</tr>
<tr>
<td>4</td>
<td>S/PDIF (optical) audio port</td>
<td>Connects to your AV receiver (S/PDIF cable sold separately).</td>
</tr>
<tr>
<td>5</td>
<td>HDMI port</td>
<td>Connects to your TV’s HDMI port (HDMI cable sold separately).</td>
</tr>
<tr>
<td>6</td>
<td>USB port 2</td>
<td>The same function as USB port 1.</td>
</tr>
<tr>
<td>7</td>
<td>Ethernet port</td>
<td>Supports LAN connection for wired Internet access.</td>
</tr>
<tr>
<td>8</td>
<td>Composite jacks</td>
<td>Connect to your TV’s analog video and audio jacks.</td>
</tr>
<tr>
<td>9</td>
<td>Component jacks</td>
<td>Connect to your TV’s component (YPbPr) terminals.</td>
</tr>
</tbody>
</table>

*Note: This device does not support USB hubs.*
### Power Button and LED Indicator

<table>
<thead>
<tr>
<th>Item</th>
<th>Component</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Power button</td>
<td>- When power LED is on:&lt;br&gt;  - Press the power button to power down the media center. The internal drive is put in sleep mode and other devices can still access it.&lt;br&gt;  - Press and hold for five seconds to completely shut down the device and make the internal drive inaccessible.&lt;br&gt;- When power LED is off—Press the power button to power on the media center and wake the internal drive.</td>
</tr>
<tr>
<td>2</td>
<td>Power LED (WD logo)</td>
<td>- On—The power cable is connected and the power is on.&lt;br&gt;  - Off—The media center is in standby mode, turned off, or the power cable is disconnected.&lt;br&gt;  - Steady flashing—A USB device has been discovered and the unit is being mounted in the system. If the Media Library is set to On in the Setup options (see “Media Library Compilation” on page 29), the LED flashes at the same steady constant rate.&lt;br&gt;  - Three short flashes followed by three long flashed followed by three short flashes—A system diagnostic failure has occurred. See “Troubleshooting” on page 210.</td>
</tr>
<tr>
<td>3</td>
<td>Infrared receiver</td>
<td>- Receives signals from the remote control. Point the tip of the remote control to the infrared receiver and ensure that the path between the two is unobstructed.</td>
</tr>
</tbody>
</table>
Remote Control

**CAUTION:** Do not expose the batteries or the remote control with batteries installed to excessive heat (direct sunlight, fire, etc.).

1. Infrared transmitter
2. **POWER**
3. Subtitle
4. PREV (track), STOP, NEXT (track)
5. Back (last screen)
6. Navigation buttons, OK
7. Previous Page
8. MUTE
9. Alpha-numeric keys
10. SEARCH
11. **HOME**
12. Audio
13. REV, PAUSE/PLAY, FF
14. Options
15. Next Page
16. Setup
17. Shortcut/function keys
18. EJECT (safe removal of attached storage)

*Note: For additional information, see “Using the Remote Control” on page 22.*

WD TV Remote

Control your WD TV experience with the tap of a soft key or the swipe of a finger using the WD TV Remote app. Get one-touch access to your favorite online services, easy text input and a gesture pad for faster navigation to your favorite content. Download this free app from the Apple app store or get the Android app on Google Play.
Getting Started

Package Contents

- WD TV Live Hub Media Center
- Remote control and Two AAA batteries
- AC power adapter
- Quick Install Guide

Installation Requirements

- Standard or HDTV with a composite (standard A/V), component (YPbPr), or HDMI input
- An available network connection for online content and services
- Optional: TV, stereo, or AV receiver with an optical digital (S/PDIF) or stereo audio input jack (audio playback only)

Operating System Compatibility

The media center is compatible with the following operating systems:

**Windows®**
- Windows XP
- Windows Vista®
- Windows 7

**Mac® OS X®**
- Leopard®
- Snow Leopard®

*Note: Compatibility may vary depending on user’s hardware configuration and operating system.*

*Important: For highest performance and reliability, it is recommended that you install the latest updates and service pack (SP). For Windows, go to the Start menu and select Windows Update. For Mac, go to the Apple menu and select Software Update.*
Installation Procedure

The media center installation procedure is outlined below:

1. Connect the power cable.
2. Establish a network connection.
3. Transfer content from your computer to the media center.
4. Connect the media center to your TV or entertainment unit through the desired interface option.
5. Connect a USB device containing your media content (optional).

Step 1 - Connecting the Power Cable

1. If applicable, connect the power clip to the power cable plug.
   The AC power adapter will vary, depending on your location. Some locations do not require a power plug clip. Units sold in those locations will have a fixed power plug. Refer to the illustration below.

2. Connect the power cable to the media center’s DC connector, and then plug the opposite end into an AC power outlet. The media center powers up automatically.

Step 2 - Connecting the Media Center

The following figures illustrate the cable connections supported by the media center. The standard connection uses the included composite-to-mini AV cables.

Note: HDMI and S/PDIF (optical) cables are sold separately.

Important: Configure the media center’s Audio/Video settings depending on the type of connection you choose. See “Audio/Video Output” on page 173 for more information on these settings.

Choosing the Best Connection

The quality of the picture produced by your TV depends on the quality of your TV and its connection to the media center.

<table>
<thead>
<tr>
<th>Connection</th>
<th>Quality</th>
<th>Connectors</th>
</tr>
</thead>
<tbody>
<tr>
<td>HDMI</td>
<td>Best (up to 1080p)</td>
<td>Specialized, high-definition connector</td>
</tr>
<tr>
<td>Component</td>
<td>Better (up to 1080i)</td>
<td>• Green = Y</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Blue = Pb</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Red = Pr</td>
</tr>
<tr>
<td>Composite</td>
<td>Good (480i/576i)</td>
<td>• Yellow = video</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Red = right audio</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• White = left audio</td>
</tr>
</tbody>
</table>

Note: HDMI, component, and composite cables are not included.
HDMI Video and Audio (High-Definition)

HDMI combines high-definition video, multi-channel audio, and inter-component control in a single digital cable. This interface provides video quality resolution of up to 1080p.

To connect your media center using an HDMI cable:
1. Plug an HDMI cable into the HDMI connector on the media center.
2. Plug the opposite end into the HDMI port on your TV or audio/video system (if available).

Wait a few seconds for your TV to detect the media center. If it is not detected, you may need to change the input source on your TV to HDMI. Check the user documentation of your TV for more information.

Once the media center is detected, the splash screen displays to indicate system bootup, then the home screen of the user interface opens.

Note: HDMI cables are sold separately.
**Component Video and Audio (High Definition)**

The component connection only provides video signals. You will also need to connect the composite audio cables to provide sound. This interface provides video quality resolution of up to 1080i.

To connect your media center using component and audio cables:

1. Plug component cable connectors into the component jacks on the media center.
2. Plug the opposite ends into the component ports on your TV or audio/video system (if available), red to red, green to green, and blue to blue as shown below.

3. For audio, plug audio cable connectors into the audio jacks on the media center.
4. Plug the audio connectors on the opposite end of the cable into the audio input jacks on your TV, red to red and white to white.

Wait a few seconds for your TV to detect the media center. If the media center is not detected, you may need to change the input source on your TV to component. Check the user documentation of your TV for more information.

Once the media center is detected, the splash screen displays to indicate system bootup, then the home screen of the user interface opens.

*Note: Component and audio cables are sold separately.*
Composite AV Connection (Standard Definition)

To use a composite connection:
1. Plug the composite connectors into the composite jacks on the media center.
2. Plug the opposite ends into the composite input ports on your TV, yellow to yellow, red to red, and white to white.
3. Select the appropriate TV input source.

Wait a few seconds for your TV to detect the media center. If the media center is not detected, you may need to change the input source on your TV to composite. Check the user documentation of your TV for more information.

Once the media center is detected, the splash screen displays to indicate system bootup, then the home screen of the user interface opens.

Note: Composite cables are sold separately.
Home Theater (High-Definition)

To connect a home theater system using HDMI:
1. Plug an HDMI cable into the HDMI connector on the media center.
2. Plug the opposite end into the HDMI In port on your A/V receiver.
3. Plug an HDMI cable into the HDMI Out port on your A/V receiver.
4. Plug the opposite end into the HDMI port on your TV (if available).
5. Select the appropriate TV input source.
6. Set the appropriate audio output option on the media center. See “Audio Output” on page 174.

To connect a home theater system using S/PDIF:
1. Plug a S/PDIF cable into the S/PDIF connector on the media center.
2. Plug the opposite end into the S/PDIF In port on your A/V receiver.
3. Plug HDMI, component, or composite connectors to the appropriate Out ports on the media center.
4. Plug the opposite end(s) into the appropriate port(s) on your TV.
5. Select the appropriate TV input source.
6. Set the appropriate audio output option on the media center. See “Audio Output” on page 174.

Note: HDMI, S/PDIF, component, and composite cables sold separately.
Step 3 - Connecting to Your Network

The media center can be connected to your home network so you can transfer files back and forth from your networked computer to the media center, and access the Internet and network storage using a wired or wireless network connection. A network connection provides access to locally stored and online media content.

Wired Network Connection

Note: Ethernet cables are sold separately.

To connect to a home network using an Ethernet cable:

1. Plug an Ethernet cable (sold separately) into the Ethernet connector on the media center.
2. Plug the opposite end of the Ethernet cable directly into a LAN port on a router or network switch (if using a switch, it must be connected to the router).

For detailed instructions on wireless and wired network connections and configuration, see “Network Setup” on page 69.

Note: Streaming over Wi-Fi™ may be unstable due to various reasons such as a weak network connection, signal strength, variable speeds, or other environmental factors. You can create instant high-speed, wired network connections and gain fast, reliable access to the Internet without running wires all over your house using WD Livewire™ powerline AV network kit (sold separately). For more information, visit http://products.wdc.com/WDLivewire.

Transferring Media Content From Your Computer

See “Step 3 - Loading Content On Your Media Center” on page 18.

Accessing Media Content From the Network

See “Network Services” on page 76.

Accessing Online Media Content

See “Internet Services” on page 93.
Step 3 - Loading Content On Your Media Center

Transfer your favorite content from your computer to your media center. You can also transfer files from your media center to your computer.

1. Turn on your computer.
2. Connect the drive’s power cable (see “Step 1 - Connecting the Power Cable” on page 11).
3. Use Ethernet cables to connect the media center (see “Step 3 - Connecting to Your Network” on page 17) and a computer to your router as shown above.

Windows

Using WD Link™

2. Double-click on the downloaded installer file and follow the on-screen prompts to install WD Discovery.
3. Click 📡 or Start, then click Programs > WD Link > WD Link.
4. Click WDTVLiveHub in the Network Storage Found list.
5. The media player displays in the Drive Mapping list. Click WDTVLiveHub under Drive Mapping.
6. Select an available drive letter from the Available Drive Letters list.
7. Click **Map Drive**.

![WD Link](image)

8. Click **OK**.

![Confirm](image)

9. Close the WD Link Tool.

10. Click **Start** and then **(My) Computer**. The media center root displays. You can now drag and drop files and folders into the media center’s internal hard drive using **(My) Computer** or Windows Explorer.

**Using Windows**

As an alternative to using WD Link, access the media center as follows:

Windows 7/Vista:

- Click **Computer > Network** and locate the media center.

Windows XP/Vista/7:

- In Windows Explorer or in a Web browser, enter `\wdtvlivehub` as the address.

**Macintosh**

1. Turn on your computer and wait for the operating system to load.
2. Open Finder.
3. **Mac OS X Leopard/Snow Leopard**: Click the WD TV Live Hub icon under **SHARED**.
4. Drag and drop your media files from your computer to the media center or from the media center to your computer.
Step 5 - Connecting a USB Device (Optional)

The media center has two USB ports that support playback from WD USB external drives.*

* For a list of supported WD external drives, see article #5688 in or knowledge base at http://support.wdc.com.

To connect the USB device:

1. Connect the USB device to either of the media center's USB ports.

2. Wait for a few moments while the media center scans the USB device for media files. (Scanning is enabled by default. If you want to turn off automatic scanning, go to “Media Library Compilation” on page 29.)

3. The Sync and Transfer screen appears. Pressing OK copies all the media files from the USB device into the media center's internal drive. The files will all be synced to a designated folder (“USB_Sync”) in the media center’s internal drive. For each new USB device, a designated folder is created based on the USB volume name. The media center only syncs and copies files that are new (by date modified) or different than what’s already stored rather than moving the entire contents of the external USB device each time.

Note: You can turn off or adjust the Sync and Transfer function in the Setup > Operation menu. See “Sync From USB Storage” on page 195.
To unlock a locked WD USB device:
A USB device must be unlocked for the media center to access its contents.
1. Navigate to the Home screen, and select the menu for the media content you wish to access. It can be Music, Videos, or Photo.
2. In the Unlock your WD Drive screen, press ◀/▶ to select OK, then press OK.
3. Use the navigation buttons ▲▼◄► to type in the USB drive access password in the on-screen keyboard. Select Submit, then press OK.
   If a wrong password is entered, press ◀/▶ to select OK, press OK, then type in the correct password. If you enter the wrong password five consecutive times, the USB drive is placed in a hold state. Press OK to close the error message. Disconnect the USB drive. Power cycle and reconnect the USB drive and type in the correct access password.
4. Once the USB drive has been unlocked, the menu bar for the selected media type will appear. Press ▲/▼ to choose a filter option for displaying supported media contents, then press OK.
   Supported content for the selected media type will be displayed.
5. Use the navigation buttons ▲▼◄► to select the content you wish to access, then press OK to start media playback.

Removing a USB Device
To prevent data loss, it is highly recommended that you first press the EJECT button on the remote control before removing a USB device.

To remove a USB device:
1. Press the HOME button.
2. Press the EJECT button.
3. Press ▲/▼ to select the USB device.
4. Press OK. With the selected, press OK again.
5. Disconnect the USB device from the media center.
Operating the Media Center

Using the Remote Control

The media center's ergonomic remote control lets you navigate the Home screen, browse for media files, enable playback options, and customize the system settings. The infrared sensor detects signals from the remote.

Important: Make sure there are no obstructions between the remote control and the infrared sensor on the media center.

<table>
<thead>
<tr>
<th>Button</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>HOME</td>
<td>Displays the main menu and the various options for playback of files and device setup.</td>
</tr>
<tr>
<td>POWER</td>
<td>Suspends the device into sleep mode and turns off video output. Press and hold the power button for five seconds to completely shut down the media center.</td>
</tr>
<tr>
<td>Navigation buttons</td>
<td>Navigate through Home options, menu screens, media libraries, on-screen keyboards, and toolbars.</td>
</tr>
</tbody>
</table>
| OK         |• Displays the media directories and Settings screens.  
            • Turns information bar ON or OFF.  
            • Begins playback of the selected media file.  
            • Enables the currently selected setting in a Settings option screen. |
| STOP       |Discontinues playback.                                                     |
| Back       |Goes back to the previous screen.                                           |
| REV (reverse) | Scans backward during audio/video playback. Supports the following speeds: 2×, 4×, 8×, 16×. |
| PREV       |• Press once to jump to the start of the audio/video file.  
            • Press twice to jump to the previous audio/video/image file.  
            • Press to page up.  
            • During Video REV mode, press to skip back 10 minutes. |
| SEARCH     |Locates a media file in the current folder. This function is only available when the Media Library setting is enabled. Does not search subfolder. |
| Options    |During playback, displays additional playback options. From an online media content screen, press to display more service options. |
| PAUSE/PLAY |Toggles between pause and playback.                                         |
| FF (fast forward) | Scans forward through the audio/video playback. Supports the following speeds: 2×, 4×, 8×, 16×. |
| NEXT       |• Skips to the next audio, video, or image file.  
            • Press to page down.  
            • During Video FF mode, press to skip forward 10 minutes. |
<table>
<thead>
<tr>
<th>Button</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>EJECT</td>
<td>Switches to safe mode so you can safely remove a USB device.</td>
</tr>
<tr>
<td>Next Page</td>
<td>Displays the next page in the UI. Allows viewing of continued next, more service icons, etc.</td>
</tr>
<tr>
<td>Prev Page</td>
<td>Displays the previous page in the UI.</td>
</tr>
<tr>
<td>MUTE</td>
<td>Turns off the volume output</td>
</tr>
<tr>
<td>Subtitle</td>
<td>Switches a video’s subtitles (if applicable)</td>
</tr>
<tr>
<td>Audio</td>
<td>Switches a video’s audio stream (if applicable)</td>
</tr>
<tr>
<td>Setup</td>
<td>Brings up the Setup menu</td>
</tr>
<tr>
<td>Alpha-numeric keys</td>
<td>• Pressing any of these keys once inputs the corresponding number.</td>
</tr>
<tr>
<td></td>
<td>• Pressing keys 2-9 multiple times inputs the corresponding alpha characters.</td>
</tr>
<tr>
<td></td>
<td>• While listening to a song or music playlist, press and hold any of the 0-9 buttons to create a preset.</td>
</tr>
<tr>
<td>A, B, C, D</td>
<td>User assignable shortcut/function keys. See “Remote Settings” on page 194. Default settings are as follows (only valid when inside the Videos, Music, or Photos menus): Pressing A activates the sort and filter menu. Pressing B activates the select content source menu. Pressing C activates the change view menu. Pressing D activates the dashboard menu.</td>
</tr>
</tbody>
</table>
Using a USB Keyboard

As an alternative to using the remote control, you can plug a USB keyboard into either of the two USB ports on the media center.

<table>
<thead>
<tr>
<th>Key or key sequence</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>HOME</td>
<td>Displays the main menu and the various options for playback of files and device setup.</td>
</tr>
<tr>
<td>CTRL + P (Power)</td>
<td>Suspends the device into sleep mode and turns off video output.</td>
</tr>
<tr>
<td>UP, DOWN, LEFT, &amp; RIGHT ARROWS</td>
<td>Navigate through Home options, menu screens, media libraries, on-screen keyboards, and toolbars.</td>
</tr>
</tbody>
</table>
| ENTER               | • Displays the media directories and Settings screens.  
                     • Turns information bar ON or OFF.  
                     • Begins playback of the selected media file.  
                     • Enables the currently selected setting in a Settings option screen. |
| S (Stop)            | Discontinues playback. |
| ESC (Back)          | Goes back to the previous screen. |
| - (Reverse)         | Scans backward during audio/video playback. Supports the following speeds: 2x, 4x, 8x, 16x. |
| P (Previous)        | • Press once to jump to the start of the audio/video file.  
                     • Press twice to jump to the previous audio/video/image file.  
                     • Press to page up.  
                     • During Video REV mode, press to skip back 10 minutes. |
| CTRL + F (Search)   | Locates a media file in the current folder. This function is only available when the Media Library setting is enabled. Does not search subfolder. |
| CTRL + O (Options)  | During playback, displays additional playback options. From an online media content screen, press to display more service options. |
| SPACE BAR (Play/Pause) | Toggles between pause and playback. |
| + (FF)              | Scans forward through the audio/video playback. Supports the following speeds: 2x, 4x, 8x, 16x. |
| N (Next)            | • Skips to the next audio, video, or image file.  
                     • Press to page down.  
                     • During Video FF mode, press to skip forward 10 minutes. |
<p>| CTRL + E (Eject)    | Switches to safe mode so you can safely remove a USB device. |
| M (Mute)            | Turns off the volume output |
| V (Subtitle)        | Switches a video’s subtitles (if applicable) |
| B (Audio)           | Switches a video’s audio stream (if applicable) |
| DELETE              | Clears the data entry field. |</p>
<table>
<thead>
<tr>
<th>Key or key sequence</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>Z (Zoom)</td>
<td>Zooms in on the currently playing video file or photo.</td>
</tr>
<tr>
<td>R (Shuffle)</td>
<td>Enables the shuffle function for Videos and Music files.</td>
</tr>
<tr>
<td>L (Repeat)</td>
<td>Repeats the current video or music file.</td>
</tr>
<tr>
<td>BACKSPACE</td>
<td>Deletes the currently selected file.</td>
</tr>
<tr>
<td>CTRL + S (Setup)</td>
<td>Brings up the Setup menu</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Alpha-numeric keys</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>• Pressing any of these keys once inputs the corresponding letter or number.</td>
</tr>
<tr>
<td></td>
<td>• While listening to a song or music playlist, press and hold any of the 0-9 buttons to create a preset.</td>
</tr>
<tr>
<td>CTRL + A</td>
<td>User assignable shortcut/function keys. See “Remote Settings” on page 194. Default settings are as follows (only valid when inside the Videos, Music, or Photos menus):</td>
</tr>
<tr>
<td>CTRL + B</td>
<td>Pressing <strong>CTRL + A</strong> activates the sort and filter menu.</td>
</tr>
<tr>
<td>CTRL + C</td>
<td>Pressing <strong>CTRL + B</strong> activates the select content source menu.</td>
</tr>
<tr>
<td>CTRL + D</td>
<td>Pressing <strong>CTRL + C</strong> activates the change view menu.</td>
</tr>
<tr>
<td></td>
<td>Pressing <strong>CTRL + D</strong> activates the dashboard menu.</td>
</tr>
</tbody>
</table>
Using the Media Center Menu

The Home screen displays when turn on your media center or press HOME on the remote control. The menu options in this screen let you browse your media library and configure the media center’s settings.

Home Screen Options

The main Home options are:

- Videos
- Music
- Photos
- Files
- Setup
- Services
- Games
- Live TV
- RSS
- New Firmware (automatically detects new firmware and only appears when new firmware is available)

The Music, Videos, and Photos options represent folders for the different media types. Media contents will be displayed either as file/file folders in the media center, network attached storage, or a USB drive directory or as a media library compilation list based on metadata information. For example, music files can be categorized based on their genre or the artist’s name.

Setup lets you customize the way you use the media center and set preferences for media playback. For more information, see “Setup and Advanced Features” on page 172.

Setting Time and Weather

- To set the time in the media center screen display, see “Set Time & Country” on page 195.
- To set the temperature in the media center screen display, see “AccuWeather.com” on page 96.
Home Screen Navigation

Use the following keys to navigate through the menu screens.

<table>
<thead>
<tr>
<th>Button</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>Left/Right arrows</td>
<td>Move from one option to the next</td>
</tr>
<tr>
<td>Down arrow</td>
<td>View the dashboard</td>
</tr>
<tr>
<td>OK</td>
<td>Launches your selection</td>
</tr>
</tbody>
</table>

Media Center Dashboard

Press ▼ at the home screen or navigate to ▼ then press OK in the Videos, Music, or Photos menus to launch the dashboard. Press ▼ or Back to exit the dashboard. Your Favorites are shown by default.

Navigate to ▼ to filter the media files and internet service links shown on the main dashboard page by category and media type. For example, to find photos you have added recently, select New Items and press OK, Photos and press OK, then press OK again.

Navigate to ▼ and press OK to toggle between list and thumbnail views.
Press ▲. Use the ◀/▶ navigation buttons, then press OK in the dashboard to display your media files by the following categories:

- **Favorites** (see “Favorite” on page 39)
- **New Items** (displays media files you have added within a certain date range. See “Show New Items” on page 181 for details and instructions for adjusting the date range)
- **Queue** (Use the ◀/▶ navigation buttons then select the Videos, Music, or Photos icon, then press OK - see “Add to Queue” on page 39)
- **Recently Viewed** (displays media files you have viewed in the last xx days)

After selecting a category, filter the results by media type (Videos, Audio, or Photo). Then, use the navigation buttons to select a file then press OK to begin playback.
Dashboard Options

With a file selected in any of the dashboard categories, press **Options**.

Use the ▲ / ▼ navigation buttons to select from the following options, then press **OK**.

- **Add to Queue** (when a file in Favorites, Last 30 Days, or Recently Viewed is selected - see “Add to Queue” on page 39).
- **Rate** (see “Rate” on page 39).
- **Re-Order** - use this option to move items up or down in viewing sequence in both Favorites and Queue categories. Using the navigation buttons, place the cursor where you want the selected file located.
- **Favorite** (when a file in Queue, Last 30 Days, or Recently Viewed is selected - see “Favorite” on page 39).
- **Copy** (see “Move & Copy” on page 40).
- **Remove from Favorite/Remove from Queue** - removes the selected file from the Favorites or Queue categories.
- **Delete** (see “Delete” on page 40).
- **Select Multiple** (see “Select Multiple” on page 41).

Media Library Compilation

Media Library Compilation refers to the process of scanning and consolidating the media contents of the media center, network attached storage, or an attached USB device into one comprehensive database so that you can easily browse and locate media files based on certain metadata information (e.g., video files are categorized based on title or release date).
Media Library Compilation Exemptions

The following conditions will prevent the media library compilation process.

- The USB device has read-only protection.
- There is not enough storage space on the media center, network attached storage, or USB device.
- A drive is locked.

To turn off Media Library Compilation (default is On):

1. Navigate to Home | Setup | System.
2. Select Media Library, and then press OK.
3. Select OFF, then press OK.

Note: Clear Media Library clears then rebuilds the media library.

Supported Categories for Media Library Compilation

Once the media library compilation process is completed, all available media files are organized under their respective media type directory. By default, media contents are displayed as thumbnails (music album/movie poster art, image thumbnail). The content categories are listed in the following table.

<table>
<thead>
<tr>
<th>Media Type</th>
<th>Category</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Music</td>
<td>All Tracks</td>
<td>Displays a list of all audio files arranged in alphabetical order.</td>
</tr>
<tr>
<td></td>
<td>Artist</td>
<td>Content is categorized based on the artist name.</td>
</tr>
<tr>
<td></td>
<td>Genre</td>
<td>Content is categorized based on genre.</td>
</tr>
<tr>
<td></td>
<td>Album</td>
<td>Content is categorized based on album names.</td>
</tr>
<tr>
<td></td>
<td>Date</td>
<td>Content is organized by date modified.</td>
</tr>
<tr>
<td></td>
<td>Folders</td>
<td>Contents are displayed in audio file folders.</td>
</tr>
<tr>
<td></td>
<td>Recent</td>
<td>Displays a list of audio folders/files that have been accessed recently.</td>
</tr>
<tr>
<td></td>
<td>Playlist</td>
<td>Displays a list of music playlists.</td>
</tr>
</tbody>
</table>
Locating Your Contents on the Drive

There are two ways of locating a particular media file depending on whether or not the media library compilation function is enabled.

**Manual Search**

You can manually search for a media file by navigating to the specific media section and browsing through the available file folders. This method is recommended if there are only a limited number of files to search through. Otherwise, it is better to enable the media library compilation and use the built-in Search function.

<table>
<thead>
<tr>
<th>Button</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>▲▼ Up/Down arrows</td>
<td>Select a media type (photos, video, or music) or settings</td>
</tr>
<tr>
<td></td>
<td>Select one of the option icons in an Internet service’s submenu bar</td>
</tr>
<tr>
<td>►◄ Left/Right arrows</td>
<td>Move within a category</td>
</tr>
<tr>
<td>OK</td>
<td>Launches your selection</td>
</tr>
</tbody>
</table>

Use the navigation buttons to move around a particular folder; press Back to move between folders.

**Thumbnail Support for Media Files**

Your media center supports thumbnails in two ways - embedded or external (some file formats do not support embedded thumbnails).

Embedded thumbnails are images that are part of the media file itself. File formats that support embedded thumbnails:

- Music - MP3 and WMA
- Photo - JPEG
- Video - MP4
To add an external thumbnail:

With an individual file or music album selected, press **Options**, then select **Get Content Info** (see “Get Content Info” on page 38). As an alternative, or if the database did not find any info:

1. Select a JPEG, GIF, or PNG image file that you want to display as a thumbnail of the music or video file.
2. Save the file in the same location as the file it will represent, according to the following guidelines:

**Folder Thumbnail Guidelines**

**Music:**
- Display folder.jpg (the image file must be named “folder.jpg” or thumbnail will not function)
- If no folder.jpg file is found, display the first embedded album art image found in the folder
- If no album art is available, display the first .JPG in the folder

**Photo:**
- Display thumbnail

**Video:**
- Display embedded cover art
- If no embedded cover art is available, display image file associated with the video file to be played (for example, video.mkv will be associated with video.JPG)

**File Thumbnail View Functions (Defaults)**

**Music:**
- Display album art (.MP3 file with embedded .JPG)
- If no album art is available, display the image file with the same name as the audio file to be played. (for example, song.wav will be associated with song.jpg)

**Photo:**
- Display thumbnail

**Video:**
- Display .MP4 with embedded .JPG
- Display image file associated with the video file to be played (for example, video.mkv will be associated with video.JPG)

**Search Function**

You must first enable the Media Library Compilation feature before using the Search function. Go to “Media Library Compilation” on page 29 for instructions.

To perform a media search:

1. Go to the main browser screen of the type of media you want to search for (Videos, Music, or Photos).
2. Press on the remote control.
3. Select **Title, Director, or Actor** (Videos); **Title, File Name, Album** or **Artist** (Music); or **Title** (Photos). Press **OK**, then ► to select the ❯. Press **OK**.

4. Select **Contains** or **Starts with**, then press **OK** twice.
5. Using the on-screen keyboard:
   - Use the navigation buttons to select a character, then press **OK** to input it in the search bar. Alternatives to this method are as follows:
     - Use the alpha-numeric keys on the remote control to enter search terms. For example, press the **2** button a number of times to enter a, b, or c; press the **3** button a number of times to enter d, e, or f, etc.
     - Plug a USB keyboard into the media center as an alternative to the methods above. See “Using a USB Keyboard” on page 24.
   - Select **ABC** or **abc**, then press **OK** to input characters in a different case.
   - Select **&** , then press **OK** to display the symbol keyboard for inputting special keyboard characters.
   - Select **.com** , then press **OK** to display the symbols for special characters such as .com, www., .net, .org, etc.
   - Press **Options** for multi-lingual/multi-character input (applicable to certain letters on the keyboard).
   - If you want to erase the last character entered, navigate to **Del** then press **OK**.
   - Navigate to **Back** and press **OK** to move the cursor backward and **Next Page** to move the cursor forward in the Search field (you can also press **Back** to move the cursor backward and **Next Page** to move the cursor forward in the Search field).

6. Once you define the search parameters, select **Submit** on the bottom of the on-screen keyboard, then press **OK**.
   All files with filenames that begin with the characters entered in the search field will be included in the search results. For example, inputting ‘glo’ will result to a search results like this:
   - Global party.mpeg
   - Glow of the Field.jpg
   - Gloss.mp3

7. If there are no media files matching the search parameters, press **OK** to display the on-screen keyboard again and redefine the search parameters.
If media files matching the search parameters you set are found, they will be listed as shown below (the result of entering ‘bea’ in Photos).

![Photo search result]

Use the navigation buttons to select the media file you are looking for, and then press **OK** or **Play/Pause (II) >** to initiate playback.
Watching Video

You can watch videos on your TV using the media center.

Supported Video Formats

The following video file formats are supported.

- AVI (Xvid, AVC, MPEG1/2/4)
- MPG/MPEG
- VOB/ISO
- MKV (h.264, x.264, AVC, MPEG1/2/4)
- TS/TP/M2T (MPEG1/2/4, AVC, VC-1)
- MP4/MOV (MPEG4, h.264)
- M2TS
- WMV9 (VC-1)

Video Playback

To play back video:

1. Navigate to the Home | Videos menu, then press OK.

2. The screen displays available video files and video folders in the media center’s local drive by default. The display will either be in preview view (default), grid view, list view, or gallery view, depending on your Browser Display setting (see “Video Settings” on page 182 for more information on Browser Display settings). Preview mode displays file size, and file type and genre (if available) for the selected video.
If Media Library is enabled, you can choose to navigate using sorting (Alphabetical, Date, Ratings, Recently Viewed) and filter options (All Video, Genre, Playlists, Folder, Favorites) See “Supported Categories for Media Library Compilation” on page 30 for details.

3. Locate the video file you want to play.
   - To begin playback of a single video file, highlight the file, and then press OK.
   - To begin playback of a video playlist, highlight the playlist name, then press PAUSE/PLAY.
   - To begin playback of all video files in a folder, highlight a video in that folder, then press PAUSE/PLAY.
   - To find a video on a network share or media center, follow the instructions in “Accessing Media Content from the Network” on page 76.

If you try to open a video file that has been partially played before, you are prompted to choose whether to play the file from the beginning or resume playback from the last playback position. Select Resume to resume playback or Restart to start playback from the beginning.

Sort & Filter Videos

You can sort and filter the videos shown in the video menu based on your preferences using the sorting & filter option.

Filter

1. Press or navigate to the sort and filter content icon , and press OK.
2. Press , then ▲ / ▼ to select Filter by All, Folders, Genre, Playlist, and Favorites. Press OK to display videos by the criteria selected.
3. With the green check mark selected, press OK again.
**Sorting**

1. Press ![A] or navigate to the sort and filter content icon ![C], and press **OK**.
2. Press ►, then ▲/▼ to select Sorting by Date, Alphabetically, by Ratings, or by Recently Viewed. Press **OK** to display videos by the criteria selected in either ascending (arrow up) or descending (arrow down) order.

3. Press ►. With the green check mark ![✓] selected, press **OK** again.

**Videos Menu Options**

In the main Videos screen, press **Options**. The Videos menu options display. Press **Back** when finished to return to the main menu.

**Get Content Info**

Press ▲/▼ and select **Get Content Info** from the list of options prompts the media center to connect to an online media database to gather information about the file. For example, Get Info returns the MPAA rating, duration of the movie, genre, studio photos, and movie trailers based on the movie’s title.
If a No Content Info Found message displays, navigate to the keyboard icon then press **OK**.

![No Content Info Found message](image)

Enter the whole title or a portion of the title using the on-screen keyboard, select **Submit**, then press **OK** to associate info with the content. Select a title from the list, then press **OK**.

**Rescan Info**

Press ↑/↓ and select **Rescan Info** from the list of options after you have associated content info with a file. The rescan info option updates content info or allows you to correct content info that was associated with the file in error.

**View Info**

Press ↑/↓ and select **View Info** from the list of options after you have associated content info with a file. A synopsis/description of the title info displays.

**Add to Queue**

Adding videos to the queue provides quick access to these files via the dashboard (see “Media Center Dashboard” on page 27).

**Rate**

Rate your videos and other media files so you can sort and filter them by ratings and access them quickly in the dashboard.

1. Press ↑/↓ and select **Rate Video** from the list of options.
2. Press ←/→ to highlight the number of stars corresponding to your preferred rating. Five is the highest rating, and one is the lowest.
3. Press **OK** to confirm your rating.

**Favorite**

Favorite your videos other media files so you can sort and filter them by favorite and access them quickly in the dashboard.

1. Press ↑/↓ and select **Favorite** from the list of options.
2. Press **OK**.
Move & Copy
1. Press ▲/▼ and select Move or Copy from the list of options, then press OK.
2. Select a storage destination for the file you want to move or copy, then press OK.

3. Use the navigation buttons to select the location where you want to move or copy the file. When you have selected the location, press OK to place the file there (if selecting a network or media server location, see “Accessing Media Content from the Network” on page 76).
4. Press ► to select the green check mark ✔️, then press OK.

Delete
1. Press ▲/▼ and select Delete from the list of options.
2. Select Yes, then press OK to confirm deletion.

Upload to Facebook
You can upload a video to Facebook by selecting this option.

1. Press ▲/▼ and select Upload to Facebook from the list of options.
2. Select the account you want to post the file to then press OK, or select Add Account to add a Facebook account (see “Facebook” on page 104 for details).
3. The screen below displays. Press OK to select “Don’t ask me again!” if you do not want this screen to appear again, then press ► to select the green check mark ✔. Press OK.

Select Multiple

Select multiple files then press Options to apply changes to more than one file.

1. Press ▲/▼ and select Select Multiple from the list of options.
2. The edit multiple screen displays. Use the navigation buttons to Select All, Select Page, or Clear All files shown, or Continue to the next group of files, then press OK.

3. With multiple files selected, press Options to apply changes to more than one file.
# Video Playback Controls

Use these buttons on the remote control to control video playback:

<table>
<thead>
<tr>
<th>Button</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>STOP</td>
<td>Discontinues video playback</td>
</tr>
<tr>
<td>PAUSE/PLAY</td>
<td>Pauses or resumes video playback</td>
</tr>
<tr>
<td>1. Press <strong>FF</strong> (fast forward) or <strong>REV</strong> (reverse) to scan video (press repeatedly to select the scan speed)</td>
<td>2x, 4x, 8x, 16x</td>
</tr>
<tr>
<td>2. Press <strong>PAUSE/PLAY</strong> to resume playback on the selected position</td>
<td>Scans the video playback forward or backward</td>
</tr>
<tr>
<td>NEXT</td>
<td>Plays the next video file in the video folder/playlist</td>
</tr>
<tr>
<td></td>
<td>Press during Fast Forward to skip forward 10 minutes.</td>
</tr>
<tr>
<td></td>
<td>Press <strong>NEXT</strong> to skip to the next chapter (if the video file supports chapters).</td>
</tr>
<tr>
<td>PREV</td>
<td>Plays the previous video file in the video folder/playlist</td>
</tr>
<tr>
<td></td>
<td>Press during Fast Reverse to skip back 10 minutes.</td>
</tr>
<tr>
<td></td>
<td>Press <strong>PREV</strong> to skip to the previous chapter (if the video file supports chapters).</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Key</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>▲ Up arrow</td>
<td>Move subtitles up on the screen.</td>
</tr>
<tr>
<td>▼ Down arrow</td>
<td>Move subtitles down on the screen.</td>
</tr>
<tr>
<td>◄ Left arrow</td>
<td>Reduce subtitle display speed.</td>
</tr>
<tr>
<td>► Right arrow</td>
<td>Increase subtitle display speed.</td>
</tr>
<tr>
<td>Subtitle</td>
<td></td>
</tr>
<tr>
<td>Audio</td>
<td></td>
</tr>
</tbody>
</table>
**Video Playback Options**

- To display the video playback options while playing a video, press **Options**.
- To return to the video, press **Back**.

![Video Playback Options](image)

**Get Content Info**

See “Get Content Info” on page 38.

**View Chapter**

If you are viewing a multichapter video file, you can select which chapter to play.

To select the video chapter:

1. Press **Options**.
2. Highlight **View Chapter**, then press **OK**.
3. Press ▲/▼ to highlight your chapter selection, then press **OK** twice.

**Subtitle**

Use this option to view subtitles during video playback. Make sure the subtitle files are located in the same folder as the current video, and that it has the same filename as the video file.

![Subtitle Option](image)

*Note: Subtitle files (specific types that are supported) need to have the exact same file name as the media they are playing (the extensions will be different) and need to be located in the same folder as the video file.*
To view subtitles:

1. During video playback, press **Subtitle** repeatedly until your desired subtitles display or “Subtitle Off” appears. Or, press **Options**, highlight **Subtitles**, then press **OK** and follow the steps below.
2. Select your preferred language or **Off** (to disable subtitles), then press **OK**.
3. With the green check mark selected, press **OK** again.

### Adjust Subtitles

After selecting subtitles, use this option to adjust subtitles during video playback.

1. During video playback, press **Options**.
2. Highlight **Adjust Subtitles**, then press ■.

#### Adjust Subtitles submenu options include:

- **Position & Size** - use navigation buttons to adjust position and speed, press OK repeatedly to adjust size).
- **Color (of subtitle text)** - select fill and border color from the Subtitle Color menu.
- **Encoding** - see “Additional Encoding Support” on page 198.

### Play Mode

Use the play mode option to set video repeat options. Press **OK** repeatedly until the repeat icon you want is displayed. Options include:
- **Repeat All** – All the video files in the current video folder are played in sequence and repeatedly until you press **STOP** or **Back**.

- **Shuffle** – All the video files in the current video folder are played repeatedly in shuffle mode until you press **STOP** or **Back**.

- **Repeat One** – The current video file is played repeatedly until you press **STOP** or **Back**.

**Audio Channel Selection**

Use this option to select the audio language used in the video playback. This option is only available if the current video has more than one audio track. Make sure the audio tracks are located in the same folder as the current video.

To select the audio channel:

1. During video playback, press **Audio** (or press **Options**, highlight **Audio**, then press **OK**).
2. Repeat the step above until your desired language or track plays.

**Audio Lip Sync**

Use this option to adjust the timing of the audio to better match up to the video. This is useful for adjusting videos where the audio and video are out of sync due to improper encoding, etc.

1. During video playback, press **Options**.
2. Select **Audio Lip Sync**, then press **OK**.
3. Use the  /  buttons to adjust audio lip sync in increments of 100 ms from -2000 ms Delay to 2000 ms Advance.

**Favorite**

See “Favorite” on page 39.

**Rate**

See “Rate” on page 39.

**Add to Queue**

See “Add to Queue” on page 39.

**Selecting Video Zoom and Pan Options**

Use this option to change the viewing scale of the video playback screen and to pan the video display.

1. During video playback, press **Options**.
2. Select **Zoom & Pan**, then press **OK**.
3. Press **OK** repeatedly to cycle through the available zoom options. Use the navigation buttons to pan the display.

**Delete**

See “Delete” on page 40.
**Post Comment to Facebook**

You can upload a video screenshot or comment to Facebook by selecting this option.

1. Press ▲/▼ and select **Post Comment to Facebook** from the list of options.
2. Select **Screenshot** or **Comment Only** and press **OK**.
3. If necessary, enter your Facebook user name and password (see “Facebook” on page 104 for details).
4. The Post Comment to Facebook screen displays. Select the keyboard icon 📝 and use the on-screen keyboard to make a comment.

5. Select the green check mark ✅, press **OK**, then press **OK** again at the Success screen.
Displaying the Video Playback Panel

Use this option to display the Video Playback Panel on the bottom of the screen. This panel shows the following information about the current video:

![Video playback progress bar](image)

To view the Video Playback Panel:

1. During video playback, press **OK**. The video playback panel appears on the bottom of the screen, showing a progress bar along with the elapsed and total playback times.

2. Some videos allow you to advance to a specific time. Select **Skip to Desired Time**, then click **OK**. A keyboard displays:

   ![Keyboard](image)

3. Use the navigation buttons to position the cursor under each number in the Hour, Minute, and Second fields, then select a number from the keyboard. Select **Submit** then press **OK** when finished to advance to the specific time. Press **OK** to hide the Video Playback Panel when finished.
**DVD Navigation**

In most cases, when the contents of an entire DVD have been successfully saved and stored in the media center’s internal drive or on an attached USB hard drive or a networked hard drive connected to the media center, you will experience the same DVD menu navigation functionality using the buttons on the media center remote as you would using a DVD remote for a DVD player connected to a television.

**Important:** For DVD navigation to work, the VOB files must be placed in a folder named VIDEO_TS.

**Note:** Video files such as AVI, MP4, MKV, and MT2S are *single track* video files that do not provide DVD navigation features.

**DVD Navigation Controls**

Use these buttons on the remote control to control DVD navigation video playback:

<table>
<thead>
<tr>
<th>Button</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>STOP</td>
<td>Discontinues video playback</td>
</tr>
<tr>
<td>PAUSE/PLAY</td>
<td>Pauses or resumes video playback</td>
</tr>
<tr>
<td>1. Press FF (fast forward) or REV (reverse) to scan video (press repeatedly to select the scan speed)</td>
<td>Scans the video playback forward or backward</td>
</tr>
<tr>
<td>2. Press PAUSE/PLAY to resume playback on the selected position</td>
<td>The media center supports the following scan speeds: 2x, 4x, 8x, 16x</td>
</tr>
</tbody>
</table>
| NEXT           | • Press during Fast Forward to skip forward 10 minutes.  
|                | • Press NEXT to skip to the next chapter.       |
| PREV           | • Press during Fast Reverse to skip back 10 minutes.  
|                | • Press PREV to skip to the previous chapter.     |
| ▲ Up arrow     | • At the main menu, move between selections such as Play Movie, Scene Selection, Set Up, Special Features, etc.  
|                | • Move subtitles up on the screen during video playback.              |
| ▼ Down arrow   | • At the main menu, move between selections such as Play Movie, Scene Selection, Set Up, Special Features, etc.  
|                | • Move subtitles down on the screen during video playback.            |
To display the video playback options, press Options.
To hide the options, press Back or Options again.

**Main Menu Selection**
To show the main menu in DVD navigation mode:
1. Press Options.
2. Highlight Menu, then press OK. The main menu displays.

**Selecting Subtitles**
See “Subtitle” on page 43.

**Audio Channel Selection**
See “Audio Channel Selection” on page 45.

**Get Content Info**
See “Get Content Info” on page 38.

<table>
<thead>
<tr>
<th>Button</th>
<th>Function</th>
</tr>
</thead>
</table>
| Left arrow | At the main menu, move between selections such as Play Movie, Scene Selection, Set Up, Special Features, etc.  
Reduce subtitle display speed during video playback. |
| Right arrow | At the main menu, move between selections such as Play Movie, Scene Selection, Set Up, Special Features, etc.  
Increase subtitle display speed during video playback. |
Playing Music

You can listen to audio files on your TV/audio system using the media center.

Supported Audio Formats

- MP3
- WAV/PCM/LPCM
- WMA
- AAC
- FLAC
- MKV
- AIF/AIFF
- OGG
- Dolby Digital Plus
- DTS

Music Playback

1. Navigate to the Home | Music menu, then press OK.

2. The screen displays available music files and folders in the media center’s local drive by default. The display will either be in grid view (default) or list view, depending on your Browser Display setting (see “Music Settings” on page 184 for more information on Browser Display settings).

If Media Library is enabled, you can choose to navigate using sorting (Alphabetical, Date, Ratings, Recently Viewed) and filter options (All, All Tracks,
Genre, Artist, Album, Playlists, Favorites) See “Supported Categories for Media Library Compilation” on page 30 for details.

3. Locate the audio file you want to play.
   - To begin playback of a single audio file, highlight the file, then press **OK**.
   - To begin playback of an album, highlight the album, then press **OK**. Press **OK** again to play the album.
   - To begin playback of a music playlist, highlight the playlist name, and then press **PAUSE/PLAY**.
   - To begin playback of all audio files in a folder, highlight an audio file in that folder, and then press **PAUSE/PLAY**.
   - To find audio files on a network share or media center, follow the instructions in “Accessing Media Content from the Network” on page 76.

**Sort & Filter Music**

You can sort and filter music based on your preferences using the sort & filter option.

**Filter**

1. Press **A** or navigate to the sort and filter content icon **E**, and press **OK**.
2. Press **►**, then **▲ / ▼** to select Filter by All Albums, All Tracks, Genre, Artist, Folders, Playlist, and Favorites. Press **OK** to display music by the criteria selected.

![Filter and Sorting Options](image)

Note: If you have your media files organized by folder, it may be easier and quicker to find your files by using the Filter option to only show folders.

3. With the green check mark **✓** selected, press **OK** again.
Sorting
1. Press A or navigate to the sort and filter content icon E, and press OK.
2. Press ►, then ▲/▼ to select Sorting by Date, Alphabetically, Ratings, or by Recently Viewed. Press OK to display music by the criteria selected in either ascending (arrow up) or descending (arrow down) order.

3. Press ►. With the green check mark ✓ selected, press OK again.

Music Menu Options
In the main video screen, press Options. The Music menu options display. Press Back when complete to return to the main menu.

Get Content Info
The Music get content info function is the same as the Videos get content info function. See “Get Content Info” on page 38.

Rescan Info
The Music rescan info function is the same as the Videos rescan info function. See “Rescan Info” on page 39.

View Info
The Music view info function is the same as the Videos view info function. See “Video Playback Controls” on page 42.
**Favorite**

The Music favorite function is the same as the Videos favorite function. See “Favorite” on page 39.

**Rate**

The Music rate function is the same as the Videos rate function. See “Rate” on page 39.

**Move & Copy**

The Music move and copy functions are the same as the Videos move and copy functions. See “Move & Copy” on page 40.

**Delete**

The Music delete function is the same as the Videos delete function. See “Delete” on page 40.

**Edit Multiple**

The Music edit multiple function is the same as the Videos edit multiple function. See “Select Multiple” on page 41.

**Preset Music**

The Preset Music function allows you to assign a numbered button on the remote to a song for quick playback.

1. Press ▲/▼ to select **Preset Music**. Press ▶.

   ![Chrome Tracks](image)

2. Press ▲/▼ to select a numbered remote button, then press **OK**.
Music Playback Controls

Use these buttons on the remote control to control music playback when in the music playback screen:

<table>
<thead>
<tr>
<th>Button</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>STOP</td>
<td>Stop audio playback</td>
</tr>
<tr>
<td>PAUSE/PLAY</td>
<td>Pause or resume audio playback</td>
</tr>
<tr>
<td>1. Press FF (fast forward) or REV (reverse) to scan the audio file (press repeatedly to select the scan speed).</td>
<td>Scan the audio playback forward or backward The media center supports the following scan speeds: 2×, 4×, 8×, 16×</td>
</tr>
<tr>
<td>2. Press PLAY to resume playback on the selected position.</td>
<td></td>
</tr>
<tr>
<td>Press PREV (previous track) once.</td>
<td>Start playback from the beginning</td>
</tr>
<tr>
<td>Press NEXT</td>
<td>Play the next audio track in the music folder/playlist</td>
</tr>
<tr>
<td>Press PREV (previous track) twice.</td>
<td>Play the previous audio track in the music folder/playlist</td>
</tr>
<tr>
<td>0-9</td>
<td>While listening to a song or music playlist, press and hold any of the 0-9 buttons to create a preset.</td>
</tr>
</tbody>
</table>

Note: If you leave the music playback screen, the only playback controls that work are the STOP button (to stop music playback) and Options (during photo playback - to jump to the previous or next track).
**Music Playback Screen**

The music playback screen displays the following information about the currently playing album and/or audio file:

- Album art (if available)
- Album name
- Audio filename(s)
- Track number/total tracks
- Elapsed time and total playback time
- Current repeat mode (if enabled)
- Shuffle mode (if enabled)
- Audio playback progress bar
- Artist

**Music Playback Options**

- To display the music playback options, press **Options**.
- To hide the options, press **Back** or **Options** again.
Get Content Info
The Music get content info function is the same as the Videos get content info function. See “Get Content Info” on page 38.

Rescan Info
The Music rescan info function is the same as the Videos rescan info function. See “Rescan Info” on page 39.

View Info
The Music view info function is the same as the Videos view info function. See “Video Playback Controls” on page 42.

Add to Queue
The Music add to queue function is the same as the Video add to queue function. See “Add to Queue” on page 39.

Favorite
The Music favorite function is the same as the Video favorite function. See “Favorite” on page 39.

Rate
The Music rate function is the same as the Video rate function. See “Rate” on page 39.

Play Mode
Use the music play mode to set repeat and shuffle options.

Repeat
To set the music repeat mode:
1. During music playback, press Options.
2. Select Play Mode, then press OK repeatedly until the repeat icon you want is displayed. Options include:
   - Repeat All – All the audio files in the current music folder/playlist are played in sequence and repeatedly until you press STOP or Back.
   - Repeat One – The current audio track is played repeatedly until you press STOP or Back.
   - Repeat All and Shuffle – All the audio files in the current music folder/playlist are played repeatedly in sequence and shuffled until you press STOP or Back.

The icon for the enabled repeat mode will appear below the playback progress bar.
Shuffle
Use this option to set the audio tracks in the current music folder/playlist to play in random order.

To enable music shuffle mode:
1. During music playback, press **Options**.
2. Select **Play Mode**, then press **OK** repeatedly until the repeat icon you want is displayed. Options include:
   - **Shuffle** – All the audio files in the current music folder/playlist are shuffled repeatedly until you press **STOP** or **Back**.
   - **Repeat All and Shuffle** – All the audio files in the current music folder/playlist are played repeatedly in sequence and shuffled until you press **STOP** or **Back**.

Delete
The Music delete function is the same as the Videos delete function. See “Delete” on page 40.

Preset Music
See “Preset Music” on page 53.

Playing Music From Your iPod®
Apple® uses a proprietary naming scheme and because of this the media center is unable to display the original names for the folders and files as they are in your iPod. The media center instead reassigns new names for the folders and files, but only while in use with the media center. The original file information is preserved in your iPod. You can view the original file information when you play a file where the screen will display the metadata.

-tip-

Note: The media center does not support playback of protected premium content such as movies or music from the iTunes® Store, Cinema Now, Movieliink®, Amazon Unbox™, and Vongo®.

To use your iPod with the media center, simply plug your iPod in to the USB port and navigate through the interface menu.

-tip-

Note: The media center only supports USB mass storage mode. iPod Touch is not a USB mass storage device and is therefore not supported.
Viewing Photos

You can view your digital photos both individually and in slideshow mode on your TV using the media center.

Supported Image File Formats
- **GIF** (Animated GIFs are not supported)
- **BMP** (non-compressed)
- **JPEG** (grayscale, RGB, YCbCr) (does not support CMYK or YCCK)
- **TIF/TIFF** (RGB) (does not support CMYK, YMC, YMCK, or KCMY)
- **PNG** (Non-alpha channel only)

Photo Display

1. Navigate to the Home | Photos menu, then press **OK**.

2. The screen displays available music files and folders in the media center’s local drive by default. The display will either be in grid view (default) or list view, depending on your Browser Display setting (see “Photo Settings” on page 185 for more information on Browser Display settings).

3. If Media Library is enabled, you can choose to navigate using sorting (Alphabetical, Date, Ratings, Recently Viewed) and filter options (All Pictures, **OK**).
Date, Folders, Recent). See “Supported Categories for Media Library Compilation” on page 30 for details.

4. Locate the picture file you want to view.
   - To open a single picture file for viewing, select the file, and then press OK.
   - To view the next picture file in the photo folder, press ► (next).
   - To view the previous picture file in the photo folder, press ◄ (previous).
   - To find picture files on a network share or media center, follow the instructions in “Accessing Media Content from the Network” on page 76.

You can also view a slideshow using all picture files in a photo folder. See “Photo Slideshow” on page 65 for instructions.

**Sort & Filter Photos**

You can sort and filter photos based on your preferences using the sort & filter option.

**Filter**

1. Press ▲ or navigate to the sort and filter content icon ➩, and press OK.
2. Press ►, then ▲/▼ to select Filter by All, Date, Folders, and Favorites. Press OK to display music by the criteria selected.

*Note:* If you have your media files organized by folder, it may be easier and quicker to find your files by using the Filter option to only show folders.

3. With the green check mark ✔ selected, press OK again.
Sorting
1. Press or navigate to the sort and filter content icon , and press OK.
2. Press , then ▲/▼ to select Sorting by Date, Alphabetically, Ratings, or by Recently Viewed. Press OK to display photos by the criteria selected in either ascending (arrow up) or descending (arrow down) order.

3. Press ▶. With the green check mark selected, press OK again.

Digital Camera Support
You can attach your digital camera to the media center via a USB port and view the supported image files stored in the camera’s memory card.
To view images from a digital camera:
1. Attach your digital camera to the media center via the USB port.
2. Press OK to close the message (the media center sees the camera’s memory card as a read-only device).
3. Navigate to the Home | Photos menu.
4. The digital camera is considered a USB device. Use the navigation buttons to select, then press OK.
   The screen displays thumbnails of available picture files and photo folders. Only image files supported by the media center are displayed.
Photos Menu Options

In the main photo screen, press Options. The Photos menu options display. Press Back when complete to return to the main menu.

Add to Queue
The Photos add to queue function is the same as the Videos add to queue function. See “Add to Queue” on page 39.

Favorite
The Photos favorite function is the same as the Videos favorite function. See “Favorite” on page 39.

Rate
The Photos rate function is the same as the Videos rate function. See “Rate” on page 39.

Move & Copy
The Photos move and copy functions are the same as the Videos move and copy functions. See “Move & Copy” on page 40.

Delete
The Photos delete function is the same as the Videos delete function. See “Delete” on page 40.

Upload to Facebook
The Photos upload to Facebook function is the same as the Videos upload to Facebook function. See “Upload to Facebook” on page 40.

Upload to Picasa
You can upload a photo to Picasa by selecting this option.

1. Press ▲/▼ and select Upload to Picasa from the list of options.
2. If prompted to sign in, select Yes, then press OK, and enter your Picasa username and password using the on-screen keyboard.
3. The screen below displays. Press **OK**.

![Screen Displaying Photo Selection](image)

**Set as Background**

You can set any photo as the system background to replace the default grass field and sunny sky photo or other photo you have previously selected.

1. Find and select the photo you want to use for the background in the Photos menu, then press **OK**.
2. Press **Options**.
3. Select **Set as Background**, then press ►.
4. Select one of the photo scaling options (**Keep as Original**, **Fit to Screen**, or **Distort to Screen**), then press **OK**.

![Photo Scaling Options](image)

**Select Multiple**

The Photos edit multiple function is the same as the Videos select multiple function. See “Select Multiple” on page 41.
Photo Display Options

- To display the photo options while viewing a photo, press Options.
- To return to the photo you were viewing, press Back or Options again.

View Info

Select this option to view info about the photo including source, file size, dimensions, image number, date and time photo was taken, exposure mode, and flash info.

Play Mode

Use the play mode option to set repeat and shuffle options.

1. During photo playback, press Options.
2. Select Play Mode, then press OK repeatedly until the repeat icon you want is displayed. Options include:
   - Repeat All – All the photo files in the current photo folder are played in sequence and repeatedly until you press STOP or Back.
   - Shuffle – All the photo files in the current photo folder are shuffled repeatedly until you press STOP or Back.
   - Repeat All and Shuffle – All the photo files in the current photo folder are played repeatedly in sequence and shuffled until you press STOP or Back.

Rotate Left & Right

1. During photo viewing, press Options.
2. Select Rotate Left or Rotate Right, then press OK.
3. Press Options and select Rotate Left or Rotate Right again as needed until the rotation you want is set for the photo.

Selecting Photo Zoom and Pan Options

See “Selecting Video Zoom and Pan Options” on page 45.

Upload to Facebook

See “Upload to Facebook” on page 40.

Upload to Picasa

See “Upload to Picasa” on page 61.
Set As Background
See “Set as Background” on page 62.

Rate
See “Rate” on page 39.

Favorite
See “Favorite” on page 39.

Add to Queue
See “Add to Queue” on page 39.

Delete
See “Delete” on page 40.

Displaying Photo Thumbnails
While viewing a photo or slideshow, press ▼ to display thumbnails of all your photos. Use the ◀ ◆ navigation buttons to select another photo to view, then press OK.
Displaying Photo Information

Use this option to display the Picture Information Panel on the bottom of the screen. This panel shows the following information about the current picture:

- Image filename
- Source
- Image file size and resolution
- Image’s sequence number and the total number of image files in the current photo folder

To view the photo information panel:

- During photo viewing, press OK. Press Back to hide photo information.

Photo Slideshow

The media center allows you to create a slideshow using the contents of a photo folder.

To start a slideshow:

1. Locate the photo folder containing the image files you want in the slideshow. (See “Photo Display” on page 58.)
2. Select the photo folder, then press PAUSE/PLAY to start the slideshow.

To listen to background music with a slideshow:

1. Navigate to the music folder containing the audio file/playlist you want to accompany the slideshow. (See “Music Playback” on page 50.)
2. Select the audio file/playlist, and then press PLAY.
   - If you selected a single audio file, you may want to enable it to play repeatedly so it doesn’t stop before the slideshow is done.
   - If you selected a music playlist, you can choose to enable the repeat or shuffle mode.
3. Press HOME, and then start the slideshow (as described above).
**Slideshow Playback Controls**

Use these buttons on the remote control to control slideshow playback:

<table>
<thead>
<tr>
<th>Button</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>STOP</strong></td>
<td>Discontinue the slideshow</td>
</tr>
<tr>
<td><strong>PAUSE/PLAY</strong></td>
<td>Pause or resume the slideshow</td>
</tr>
<tr>
<td><strong>NEXT</strong></td>
<td>Display the next picture file in the slideshow</td>
</tr>
<tr>
<td><strong>PREV</strong></td>
<td>Play the previous picture file in the slideshow</td>
</tr>
</tbody>
</table>

**Repeating and/or Shuffling a Slideshow**

Access Setup > Photo settings to repeat and/or shuffle a slideshow. See “Slideshow Sequence” on page 185.
Files

You can view and manage all of your media files in one place using the Files menu.

**Files Display**

1. Navigate to the Home | Files menu, then press **OK**.

2. The screen displays all available media files and folders in the media center’s local drive by default. The display is in list view.

3. Locate a file you want to play.
   - To play a single file, select the file from the list or by navigating through the folder structure, then press **OK**.
   - Follow the instructions under “Watching Video” on page 36, “Playing Music” on page 50, or “Viewing Photos” on page 58.
   - To find files on a network share or media server, follow the instructions in “Accessing Media Content from the Network” on page 76.

**Sorting Files**

The Files sorting function is the same as the Videos sorting function. See “Sorting” on page 38.
**Files Options**

To manage files (move, copy, delete, rename, and select multiple), do the following:

With an individual file or folder selected, press **Options**.

---

**Move & Copy**

The Files move and copy functions are the same as the Videos move and copy functions. See “Move & Copy” on page 40.

**Delete**

The Files delete function is the same as the Videos delete function. See “Delete” on page 40.

**Rename**

To rename a folder or file, select **Rename** then enter in the new name using the on-screen keyboard.

**Select Multiple**

The Files edit multiple function is the same as the Videos select multiple function. See “Select Multiple” on page 41.
Network Setup

The media center can be connected to the local area network using a wired or wireless network connection for access to streaming video and online and offline media content.

Ethernet Network (Wired) Setup

1. Plug an Ethernet cable into the Ethernet connector on the media center.
2. Plug the opposite end of the Ethernet cable directly into a LAN port on a router or network switch.

3. After connecting the media player to your TV and turning it on, the network setup wizard starts up. Press ▲/▼ to select your language, then press OK.
4. The wizard begins automatic network connection. When finished, the following screen displays. Press **OK**.

![Setup Complete](image)

5. To change or manually configure your wired network setup (recommended for advanced users only), see “Network Setup” on page 187.

## Wireless Network Setup

> **Important:** Streaming over Wi-Fi may be unstable due to various reasons such as a weak network connection, signal strength, variable speeds, or other environmental factors. You can create instant high-speed, wired network connections and gain fast, reliable access to the Internet without running wires all over your house using WD Livewire powerline AV network kit (sold separately). For more information, visit [http://products.wdc.com/WDLivewire](http://products.wdc.com/WDLivewire).

1. Connect a USB wireless adapter (sold separately) to the USB port on your media center.

> **Note:** For a list of tested, compatible wireless USB adapters, see Article #5688 in our knowledge base at [http://support.wdc.com](http://support.wdc.com).
2. After connecting the media player to your TV and turning it on, the network setup wizard starts up. Press ▲/▼ to select your language, then press OK.

Wireless Setup Options

You have four options for setting up your wireless network:

- **Automatic** – Select an available access point found by the media player.
- **Manually enter the wireless network name** – Use the on-screen keyboard to input the network name (SSID) manually (when SSID not set to broadcast).
- **Wi-Fi Protected Setup (WPS)** – Enter a PIN or push the WPS button on the router (if available).
- **Windows Pairing Code** – This option is only available via the Setup menu. See “Get Windows Pairing Code (Windows 7)” on page 189

**Note:** The recommended setting on Wireless N routers is 802.11n-only with a channel width of 20/40 MHz. If you are using a wireless-N access point (AP) and it has been set to operate in 802.11n mode with a security setting of anything other than WPA2-PSK+AES or None, then media player will operate at lower 802.11g rates. Disabling wireless security is not recommended.

Auto Search or Manually Enter Wireless Network Name

1. Press ▲/▼ to select your language in the setup wizard Welcome screen, then press OK.
2. **Auto Search:** Press ▲/▼ to select your wireless network from the list, and press OK. Proceed to step 5.

**Manual:** Depending on your wireless network setup, you may want to manually type in the name of your network. In this case, navigate to the keyboard icon on the right side of the screen, press OK, and proceed to the next step.
3. Use the navigation buttons ▲▼◄► to type in the SSID for the access point you want to connect to, select **Submit**, then press **OK**.

4. Press ▲/▼ to select the wireless network encryption type, then press **OK**.

5. If necessary, use the navigation buttons ▲▼◄► to type in the passcode for the access point, select **Submit**, then press **OK**.

6. Once the network is successfully set up, press **OK** to display the Home screen.
Wi-Fi Protected Setup (WPS)
1. Press ▲/▼ to select your language in the setup wizard Welcome screen, then press OK.
2. Navigate to the WPS icon on the right side of the screen, and press OK.
3. Press ▲/▼ to select the method you want to use, then press OK.

WPS Button
1. Press the WPS button on your wireless router.
2. Press OK on the remote.

PIN Code
1. Enter the WPS PIN code shown on-screen in your wireless router's web configuration page.
2. Press **OK** on the remote.

After performing one of the wireless setup functions above, press **OK**.

After establishing a network connection, you can:

- Use the Internet services integrated into your media player to access streaming media. See “Internet Services” on page 93 for more information on these services.
- Transfer files between the media center and your computer (PC or Mac). Procedures for copying and moving files between the media center and your computer is described in “Step 3 - Loading Content On Your Media Center” on page 18.
- Access your media files on the network. See “Network Services” on page 76.

### Checking the Network Connection

If you experience network problems, check the network connection to determine the cause of the problem.

To check the network connection:

1. Press **Setup** or navigate to the Home | Setup menu bar.
2. Press ▲/▼ to select Network Settings, then press **OK**.
3. Press ▲/▼ to select **Check connection**, then press **OK**.

The unit will automatically check the network connection. Once the check is completed, the results display. A green check mark on these items indicate that
there is no problem with your network settings. If a problem is indicated, check your router settings and manual for a solution.

A red cross mark indicates a problem with the network settings. It can either be the IP address or the DNS server address. If the problem persists, check with your Internet service provider.
Network Services

Accessing Media Content from the Network

Once the media player has an active network connection, you can access media content from a Network Attached Storage (NAS) device or shared computer located on the same network as your media player. You can also access content from USB storage connected to the media player. The benefits and applications of each content source type are described below.

To access media content from a network share, media server, USB storage, or online account:

1. Navigate to the Home screen, and select the menu for media content you wish to access. It can be Music, Videos, or Photos. Press OK.
2. Press OK to select a new content source or press ▲ or ▼ to select Select Content Source, then press OK.
3. Press ▲/▼ to select the network resource where the media content you want to access is located, then press OK.

\[ ![Select Content Source: Network Share](image) \]

Note: My Media Library does not appear if the media library is turned off (see “Media Library” on page 195).

<table>
<thead>
<tr>
<th>Content Source</th>
<th>Best for accessing...</th>
</tr>
</thead>
<tbody>
<tr>
<td>My Media Library</td>
<td>Internal storage, all available network shares, and attached USB storage (slow scan—depending on the number of files and connection speed, the scanning time required to compile the media library may be increased).</td>
</tr>
<tr>
<td>Local Storage</td>
<td>Internal storage and storage devices attached to USB ports 1 and/or 2.</td>
</tr>
<tr>
<td>Media Server</td>
<td>Network-attached media server devices for ease of use (optimal for DLNA certified server devices such as WD's My Book® Live™).</td>
</tr>
<tr>
<td>Network Share</td>
<td></td>
</tr>
<tr>
<td>Windows Shares</td>
<td>Windows network shares, most network attached storage drives, legacy Mac OS before Lion, and other devices that uses SMB/CIFS protocol.</td>
</tr>
<tr>
<td>Linux Shares</td>
<td>Linux (NFS) network shares (recommended for advanced power users).</td>
</tr>
<tr>
<td>Online Service</td>
<td>Photos and videos posted in your Facebook and Picasa online accounts.</td>
</tr>
</tbody>
</table>
My Media Library

The benefit of selecting this option is that it shows all the aggregated content on your network attached and USB storage together in one view. However, it does take longer to scan all the storage content compared to selecting a more specific option for content retrieval.

Internal storage is automatically included in the Media Library. To add additional source content to My Media Library, please do one of the following:

- Attach USB storage to one of the USB ports on the media center and it is automatically added to media library.
- Connect to a Windows or Linux Share (see “Network Share” on page 78). While browsing the content inside, press Option to add a share folder to the Media Library.
- Use the Media Library Manager for Network Share (see “Media Library Manager for Network Share” on page 196), and select Add network share to media library to manually add individual share folders to the media library. A maximum of 10 shares can be added.

Local Storage

Select Local Storage, then Internal Storage to access media content on the media center’s internal hard drive.

Select Local Storage, then USB1 or USB2 to access media content on one or more USB storage devices connected to the media center’s USB 1 or USB 2 ports.

After selecting USB 1 or USB 2, the media player scans the drive to build the media library by default (if enabled).
**Media Server**

This menu displays network attached UPnP media servers connected to your network and usage is optimized with DLNA compliant devices such as WD My Book Live personal cloud storage and other WD TV Live Hub media centers.

The benefit of using a media server is that it aggregates the content together from the device that is hosting it. The media server hosts a list of supported file formats with metadata information that allows a client device like the media player to easily browse and play back the content.

However, using a media server can restrict supported file types and you may not be able to see all the files stored in the media server. When using a Network Share, every file is presented to the media player and it does the content filtering based on what it can support.

Follow the steps below under “Accessing a Shared Folder,” selecting the name of your media server and referencing your media server documentation for password setup and administration if necessary.

**Network Share**

The media player supports Windows (SMB/CIFS), and Linux (NFS) network shares.

**Windows Shares**

Windows Shares uses Samba (also known as SMB/CIFS), a more common protocol among devices such as PC, NAS, and Mac (before Lion). If you want to simply discover and/or share a folder on the network to be accessed by the media player, Samba is a common method, especially for Windows.
Windows Shares display shared computers and network attached storage devices (such as WD’s My Book Live personal cloud storage NAS drive) connected to your network via the Samba protocol.

![Select Content Source: Windows Shares](image)

**Linux Shares**

Linux Shares uses NFS, which is popular with power users and Linux users because of the increased speed and performance it can provide. NFS is better suited to Linux since using NFS with Windows requires installation of third party applications.

Follow the steps below under “Accessing a Shared Folder,” selecting the name of your NAS device or computer and referencing your NAS device or operating system documentation for password setup and administration if necessary.

**Accessing a Shared Folder**

To create a shared folder, follow the instructions under “Share a Folder on Your Computer” on page 80.

To access a shared folder under Network Share:

1. Select the name of your computer and press **OK** twice.

![Select Content Source: Windows Shares](image)

2. If necessary, enter your user name and password to access your computer, or accept the default login. For further information regarding password setup and administration, refer to your operating system documentation.

3. Press ▶ to select **OK**, then press **OK**. Supported content for the selected media type displays.

4. Select the content you wish to access, then press **OK** to start media playback.
**Accessing Network Attached Storage**

Follow the steps above under “Accessing a Shared Folder,” selecting the name of your NAS device and referencing your NAS device documentation for password setup and administration.

**Online Service**

This menu allows you to connect to media content stored in your Facebook and Picasa online accounts. Select **Facebook** or **Picasa** and enter your user name and password to access your media content.

**Logging in to a Network Resource or Online Account**

When accessing a network resource, you need to enter in the user name and password for the device or account using the on-screen keyboard. In some cases, a default anonymous login displays if no password is set for the device. When this happens, accept the default login, select ☑️, then press **OK**.

Select **Remember Me** and press **OK** to have the media player remember the user name and password for the resource.

**Share a Folder on Your Computer**

You can view and play back digital media content stored on your computer by sharing one or more folders containing the media.
Make sure the media player and your computer are both attached to the network, then follow the instructions below for your operating system (Windows 7/Vista/XP or Mac).

**Important:** Be sure to update your operating system to the latest update or service pack. Depending on your network's configuration you may need to disable or adjust your Firewall settings to view your shared folder on your network. Contact your Firewall manufacturer for assistance.

When finished following the instructions for your operating system, go to “Accessing a Shared Folder” on page 79.

**Windows 7**

**Change Settings to Allow Folder Sharing**

The first thing you need to do to allow folders to be shared with the device is to determine how your network is configured. Follow the instructions below to determine what kind of network you have.

1. From the Control Panel, click **Network and Internet**.
2. Click **Network and Sharing Center**.
3. Look under View your active networks to determine if your network is Home, Work, Public, or Domain.
4. If you have a Work network, proceed to step 6. If you have a Public network, click the **Public network** link.
5. Click **Work network**.

6. Click the **Choose homegroup and sharing options** link.

7. Click the **Change advanced sharing settings...** link.

8. Ensure that the following options are selected: **Turn on network discovery**, **Turn on file and printer sharing**, **Media streaming is off**, and **Allow Windows to manage homegroup connections (recommended)**.

   ![Network Discovery](image)

   **Note:** WD does not support streaming from a domain server, or a computer attached to a domain, to the device. Please contact your domain administrator or Microsoft® Support for assistance.

**Share a Folder**

Follow the instructions below to share a folder in Windows 7.

1. Navigate to the folder you want to share. Once found, right-click on the folder and select **Properties**.
2. Click the **Sharing** tab.
3. Click the **Advanced Sharing** button.

   ![Advanced Sharing](image)

4. Click the **Share This Folder** box.
5. Enter the name you would like this folder to appear on the network as in the **Share name** box.

6. Click the **Permissions** box.

![Advanced Sharing window](image)

7. Select the users you would like to give access to and the permissions you would like to assign to that user, then click **OK**.

![Permissions for My Share window](image)

8. Click **OK** to close the Advanced Sharing window.

9. Finally, click on **OK** one more time to close the folder properties window and save your changes.
Windows Vista

Change Settings to Allow Folder Sharing

Follow the instructions below to configure your computer for folder sharing in Windows Vista.

1. Open the Network And Sharing Center from the Control Panel.

![Network And Sharing Center](Image)

2. Next to the name of the network look to see if it is a Private or Public network.

3. If your network is Private skip to step 5 below. Otherwise, click the Customize link.

4. Click Private, then click OK.

5. If it is set to Off expand the File Sharing field and change it to On.

6. If you want to share the pre-designated Public folders in Windows, expand the Public folder sharing field under Sharing and Discovery.

![Public folder sharing](Image)

7. Select your choice of the two "Turn on sharing..." options.

8. Click Apply.
Share a Folder
Follow the instructions below to share a folder in Windows Vista.

1. Navigate to the folder you want to share. Once found, right-click on the folder and click **Share**.

2. If your system requires a login to access a shared folder, select a User account to assign to the share, then click **Share**. Otherwise, simply click the Share button.

3. Under Sharing and Discovery expand the **Public folder sharing** field.

4. Depending on your system speed you may or may not see a progress bar while the permissions on the folder are updated. Click **Done**.
Windows XP

Follow the instructions below to share a folder in Windows XP.
1. Right-click on the folder you want to share and select Sharing and Security.
2. Click Share this folder.
3. Choose a name you want the folder to appear as on your network and enter it in the Share Name field.

**Note:** You can also set a maximum number of users able to access your drive at one time. To do this, click "Allow this number of users: " and set the number in the field to the right.

4. Click OK.

Mac

Follow the instructions below to share a folder within Mac OS 10.5 or 10.6.
1. Open the Apple menu from the upper left corner of your screen and click System Preferences.
2. Click the Sharing button under the Internet & Wireless group.
3. Choose a name for your computer on the network and type it in the **Computer Name** field.

4. Click the box next to **File Sharing** to turn on the file sharing service. Then click on the + sign button below the **Shared Folders** box.

5. To share additional folders beyond the default Public folder, select the folder you would like to share and click the **Add** button.

6. Click on the red **x** in the upper left corner to close the window.
Using the Web UI

The media center provides a Web-based user interface (UI) that can be used to control certain functions. You must use a network-connected computer or smartphone to use the Web UI.

⚠️ Important: Your media center must be set up on the network (see “Network Setup” on page 69 for further information) to use the Web UI.

Launching the Web UI

1. Open a Web browser and type in your media’s center’s IP address in the address field. Press ENTER on your computer keyboard.

   📌 Note: To find your media center’s IP address, press Setup on the remote controller and navigate to Network Settings. Select Network Setup to see the media center’s IP address.

2. The Web UI launch page displays. Enter the default password (“admin”) in the Password field.

3. Select your preferred language from the Language list.

4. Click I accept END USER LICENSE AGREEMENT. You can also click Keep me signed in (optional). Click Login.

5. The Web UI menu options display.
**System**

Click **System** in the Web UI home page to manage the system status of your media center and view general network information. You can change the password, set system preferences, and choose date and time settings using these options.

**Remote**

Click **Remote** in the Web UI home page to control the media center using your computer. Click the buttons on the virtual remote controller to control your media center (see “Using the Remote Control” on page 22 for further information).

Click the **Open in separate window** link to open the virtual remote controller in a new browser screen. You can copy the URL from this browser screen and enter it in a browser on your smartphone. Then, you can use your smartphone as a virtual remote controller by touching the buttons on the screen.

Enter on-screen keyboard commands in the **Submit** field using your computer or smartphone keyboard, then click or press **Submit** when finished.
Media

Click **Media** to enable the Twonky service, launch the Twonky media browser, and enable the iTunes server to access media on iTunes.

![TwonkyMedia](image)

**TwonkyMedia™**

Click **Enabled**, then **Launch Twonky** to launch the TwonkyMedia server media browser in a separate browser window. The TwonkyMedia home screen displays.

![TwonkyMedia Home Screen](image)

Navigate through the Music, Photos, and Videos subcategories to find a file to play back on your computer. Launching a music or video file plays the file back on your computer’s default media player. Clicking on a photo thumbnail enlarges the photo on your screen.

During navigation, click ( 돌아idend ) to return to the home page shown above, and ( 돌아idend ) to go back to the previous screen.
Click to upload a file from your computer to the media center. Click Browse to locate a file, then send to upload it to the media center.

Click to open the TwonkyMedia server status screen. Here, you can restart the server, view server status, perform basic and advanced setup, and access support resources.

**Online**

Click Online to access sign-up links and information for the listed Internet services supported by the media center (supported services vary by region and country).
RSS

Click **RSS** to view your RSS subscriptions and category folders. Here, you can add a new subscription or a new folder to categorize your subscriptions.

Support

Click **Support** to access Express Customer Support (includes diagnostic test) and Support Documentation including product documentation, FAQ’s, and a WD TV user forum.

Status Bar

The status bar at the bottom of the Web UI displays media center status, hard drive capacity usage, and a graphical representation of the percentage of music, photos, and video stored on the media center.

Logout

Click the **Logout** button in the main menu to log out of the Web UI.
Internet Services

**Important:** A broadband Internet connection (e.g., DSL or cable) is required to use Internet services. Availability varies by country. These services may be changed, terminated, or interrupted at any time.

With WD TV Live Hub, you can stream the best Internet entertainment to your HDTV. Watch hit movies, catch up on TV shows, stay connected to your social network, and enjoy on-demand access to your favorite music from your TV. To explore the complete lineup of online entertainment, go to: [http://products.wdc.com/onlineservices/wdtvlivehub](http://products.wdc.com/onlineservices/wdtvlivehub).

After connecting to a network, you can use the media player to access media content from the following Internet services and more:

- **AccuWeather.com®** – Get local and international forecasts, climate trends, and the latest news from the world’s weather authority.
- **Deezer™** – A personalized on-demand music service to listen to seven million tracks anytime, anywhere and one of the most popular Internet and mobile music offerings in Europe.
- **Facebook®** – Share your status, photos, videos, and your favorite links on Facebook. Find out the latest news from your social network or the world and so much more. Access it all on your big screen TV.
- **Flickr™** – Connect to Flickr using the on-screen menus. View the photos on your Flickr account and enjoy them on your TV.
- **Flixster™** – Watch the latest theatrical movie trailers and get critic reviews from Rotten Tomatoes. Preview movies that are opening this week and see what’s hot at the box office. See what’s new on DVD and Blu-ray and the top rentals.
- **Live365®** – Listen to thousands of commercial-free Internet radio stations. Easily browse through popular genres or discover treasures in some of the less-traveled styles.
- **MLB.TV** – Watch every out-of-market game LIVE or on demand in HD quality. Almost 100 games are streamed LIVE each week. Choose home or away feeds, and use quick navigation to run scoring plays or at bats. PLUS, watch over 150 Spring Training Games with no blackout restrictions.*

* **MLB.TV** Premium subscription required.

- **Netflix®** – Enjoy popular movies, classics, and TV episodes instantly. Access your Netflix unlimited membership and instantly watch TV episodes and movies on your big screen.*

*Netflix is available in certain countries. Unlimited membership required. More information at [www.netflix.com](http://www.netflix.com).
• **Pandora**® – Free, personalized Internet radio playing only the music you love. Enter your favorite songs or artists, and enjoy stations created just for you. Rate songs as they play, because Pandora caters to your tastes and adapts stations to your feedback on the spot.*

*Pandora available in US only.

• **Picasa** – View, share and enjoy your photographs right from your television.

• **SHOUTcast Radio** – The ultimate directory of online radio stations featuring over 45,000 music, talk, sports, and community radio stations from around the world.

• **Spotify** – Enjoy on-demand access to over 15 million tracks and albums. Any artist, any album, any genre - available instantly on your media player. Spotify is available in: USA, UK, Sweden, Finland, Norway, France, The Netherlands, Spain, Austria, Belgium, Switzerland and Denmark.*

*Spotify Premium account required.

• **TuneIn** – The world’s largest Internet radio guide with access to over 30,000 free radio stations searchable by location, genre, or format.

• **YouTube™** – Stream YouTube and watch your favorite videos from the world’s #1 video sharing website on your television.

The above services are fully integrated with their web-based counterparts when accessed via the media center. If you are a registered user of any of these services, everything you create, rate, or bookmark when using the media center shows up on your account the next time you sign in to that service from your computer or mobile computing device.

To access Internet Media:

1. Navigate to the Home | Services menu bar and press **OK**.
2. The list of Internet services display by category. Select a category (choose from Featured, My Favorites, All, Movies & TV, Web Video, Music, Sports, Photos, Social, and News and Weather), then press OK.

3. Press ◄/ ► and/or Next Page/Prev Page to make a selection. A brief description of the service and designer displays when a service is selected. When finished making your selection, press OK.

Adding a Service to Favorites

You can add a Service to your Favorites so that it’s quickly available via the dashboard when you are in the Home screen or other screens (when you press or navigate to in certain screens then press OK). It will also display in the Services page under the My Favorites category.

1. In the Services screen, press ◄/ ► to select a service you want to favorite, then press Options.
2. Press OK to list the service in the dashboard under Favorites.
AccuWeather.com

The Weather service provided by AccuWeather.com provides local forecasts for everywhere in the United States and over two million locations worldwide. Upon your first use of AccuWeather.com, you are prompted to enter your location (city of residence or nearest city) to set the temperature/weather indicator on your media center.

To set temperature/weather indicator:

1. Navigate to the Home | Services menu bar and press **OK**.
2. The list of Internet services display. Select AccuWeather.com.
3. Select **OK** in the End User License Agreement screen, then press **OK** to display the AccuWeather.com home screen.
4. Use the navigation buttons ▲▼←→ to type a search using the on-screen keyboard. You can also press ➕ on the remote control to toggle to the results list after entering several characters in the search field. Select **Submit**, then press **OK**.

*Note:* The complete city name needs to be entered for locations outside of the U.S. For example, you must type “Sydney” to find Sydney, Australia; typing “Sydn” results in Sydney, FL as the location.

5. If necessary, Press ▲ / ▼ to scroll through search results to select your city, then press **OK**.
6. Press **OK** to complete setting your location.
7. The AccuWeather.com home screen displays current temperature, conditions, and other weather details at your location.
Options include:
- Settings
- Maps (press Options, then OK to zoom & pan the weather map in your area using the navigation buttons)
- Lifestyle (provides forecasts from Poor to Excellent for various health and sporting conditions)
- Forecast (select 7-Day Forecast or Weekend Forecast to view upcoming weather)
- Weather Video (select and watch popular AccuWeather.com videos)
- Exit

![AccuWeather.com Home Screen](image)

**Settings**

**Change Temperature Display**

To change the temperature display from Celsius to Fahrenheit or vice-versa, do the following:

1. Press ◄/► to select Settings in the AccuWeather.com home screen.
2. Select °F/°C. Press OK.
Set/Add Favorite City

To add one or more cities so that you can view weather information for more than one location, do the following:

1. Press ▼/► to select Settings in the AccuWeather.com home screen.
2. Select Set Favorite City and press OK.
3. Select Add Favorite City and press OK.
4. Use the navigation buttons ▲▼◄► to type a search using the on-screen keyboard. You can also press ◀ on the remote control to toggle to the results list after entering several characters in the search field. Select Submit, then press OK.

Note: The complete city name needs to be entered for locations outside of the U.S. For example, you must type "Sydney" to find Sydney, Australia; typing "Sydn" results in Sydney, FL as the location.

5. Your new favorite city appears in the Set Favorite Cities screen. Press ▲/▼ to set a new favorite city as your default location. To delete a favorite city, select it and press ◀, then OK.

6. You can also press ◀ in the AccuWeather.com home screen to set your favorite city and to see the current temperature, conditions, and other weather details at your location in all your favorite cities.
**Deezer**

Deezer is a personalized on-demand music service to listen to seven million tracks anytime, anywhere and one of the most popular Internet and mobile music offerings in Europe.

To access Deezer:

1. Navigate to the Home | Services menu bar and press **OK**.
2. The list of Internet services display. Select Deezer, then press **OK**. The Deezer main screen displays.

3. Press ◀/▶ to choose an option, then press **OK**.
   
   Options include:
   - My Music
   - Radios
   - Top Charts
   - Search
   - Sign in
   - Exit
Signing in to Your Deezer Account

Sign in to your Deezer account to access My Music (your playlists and favorites) and Top Charts.

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Note: If you do not have a Deezer account and want to create one, go to http://www.deezer.com.

1. Navigate to the Home | Services menu bar.
2. Press ◀/▶ to select Deezer, then press OK.
3. In the Deezer main screen, press ◀/▶ to select Sign In, then press OK.
4. Select Sign in, then press OK.

5. Use the navigation buttons ▲▼◀▶ to type your registered Deezer email address using the on-screen keyboard. Select Submit, then press OK.
6. Use the navigation buttons ▲▼◀▶ to type your Deezer account password in the on-screen keyboard. Select Submit, then press OK.
7. Press ▲/▼ to select a save option.
   Options include:
   - **No** – Your account details will not be saved. You need to repeat the initial sign-in process every time you access this service using the media player.
   - **Save username only** – Your user name is saved, but you will be prompted to type in your password every time you access this service using the media player.
   - **Yes** – Both your user name and password are saved. You are automatically logged in to your account every time you access this service.
8. Press OK to complete the sign-in process. The My Music screen displays.
Radios
You can choose from a variety of radios by music genre and subgenre.
1. In the Deezer main screen, press ▼/▶ to select Radios, then press OK.
2. Press OK to select a radio.
3. Press ▲/▼ to select a radio by music genre, then press OK.
4. Press ▲/▼ to select a radio by music subgenre, then press OK.
5. With a radio you want to listen to selected, press Options to select Become a Fan. This adds the radio to Favorite Radios for quick access in the future.
6. Press ‹▶ or OK to begin listening to the radio station.

Deezer Player
The Deezer player is similar to the regular music playback screen. It displays the playback status bar, album, artist, and the elapsed and total playback times.

- Press PLAY/PAUSE to pause and resume playback.
- Press FF/REV to fast forward or rewind in 10 second increments.
- Press NEXT/PREV to select the next/previous song in the station or playlist.

My Music
After signing in to Deezer, select My Music, then press OK to display playlists and favorite radio stations.

Playlists
Adding a playlist to My Music:
1. In the Deezer main screen, press ▼/▶ to select My Music, then press OK.
2. Sign in to your Deezer account if not already logged in.
3. Select **Playlists**, then press **OK**.

4. Press **Options**, then select **Create Your Playlist**. Press **OK**.

5. Type in the name of your playlist using the on-screen keyboard, select **Submit**, then press **OK**.

**Favorite Radios**

Accessing a favorite radio station in My Music:

1. In the Deezer main screen, press ◀ / ▶ to select **My Music**, then press **OK**.
2. Sign in to your Deezer account if not already logged in.
3. Select **Favorite Radios**, then press **OK**.

*Note: If you have not added any stations, the screen displays “no favorite available.”*

4. Press the navigation buttons to select a station from the list, then press ◀ ▶ or **OK** to begin listening to the radio station.

**Add to Playlist**

You can add songs to a playlist using the **Options** button on the remote.

1. With a song selected in a Radio or Top Charts screen, press **Options** to display **Add to Playlist**. Press **OK**.
2. Press ▲ / ▼ to select a playlist you have created in **My Music**, then press **OK** to add the song the selected playlist.

**Delete a Playlist**

You can delete a playlist using the **Options** button on the remote.

1. With a playlist selected in **My Music > Playlists** screen, press **Options**.
2. Press ▲ / ▼ to select **Delete**, then press **OK**.
3. Select **OK**, then press **OK**.

**Delete a Radio Station**

You can delete a radio station using the **Options** button on the remote.

1. With a radio station selected in **My Music > Favorite Radios** screen, press **Options**.
2. Press ‹/› to select **Delete from Favorite**, then press **OK**.
3. Select **OK**, then press **OK**.

**Top Charts**
These are songs deemed most popular by Deezer users by country.
1. In the Deezer main screen, press ‹/› to select **Top Charts**, then press **OK**.
2. With the filter button selected [ ], press **OK**.
3. Press ▲/▼ to filter channel results (choose from FR, BE, UK, US), then press **OK** twice.
4. Press ▲/▼ to select a song from the display then press ‼️ or **OK** to start listening to the selected song.

**Search**
1. In the Deezer main screen, press ‹/› to select **Search**, then press **OK**.
2. Press ‹/› to filter results (All, Title, Artist, or Album), then press **OK**.

3. Use the navigation buttons ▲▼◀▶ to type a search using the on-screen keyboard. Select **Submit**, then press **OK**.

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*Note:* You can also press ‼️ on the remote control to toggle to the results list after entering several characters in the search field.

4. Press ▲/▼ to select a song from the display, then press ‼️ or **OK** to start listening.

**Deleting a Deezer Account**
1. On the Deezer main screen, press ▲/▼ to select **Sign in**, then press **OK**.
2. Press ▲/▼ to select **Delete Account**, then press **OK**.
3. Press ▲/▼ to select the account you want to delete, then press **OK**.
4. Press ‹/› to select **OK** on the confirmation prompt, then press **OK**.

**Exit Deezer**
To return to the Services home screen, press ‹/› to select **Exit** in the Deezer home screen, then press **OK**.
Facebook

Share your status, photos, videos, and your favorite links on Facebook. Find out the latest news from your social network or the world and so much more. Access it all on your big screen TV.

You must have a valid Facebook account to use this service. You can create a Facebook account at www.facebook.com.

Signing in to Facebook for the First Time

1. Navigate to the Home | Services menu bar and press OK.
2. The list of Internet services display. Select Facebook, then press OK.
3. Press OK, then use the navigation buttons ▲▼◄► to type in your Facebook user name using the on-screen keyboard. Select Submit, then press OK.
4. Press OK, then use the navigation buttons ▲▼◄► to type in your Facebook password using the on-screen keyboard. Select Submit, then press OK.
5. Press ▼, then OK to Remember Me if you want your Facebook account stored in the media center for quick access.
6. Press ►/▼, then OK with the green check mark ✓ selected.

7. Press OK to complete the sign-in process. The Facebook home screen displays.

Notifications

Notifications let you know when people take actions on Facebook related to you, so you can quickly check out a photo you've been tagged in or read a new posting on your Wall.

In the Facebook main menu, press ▼ to select Notifications. Press ▲/▼ to select a notification then press OK.

Photos
You can view the photos or photo albums you and others users have posted to Facebook either individually or as a slideshow.

1. In the Facebook main menu, select Photos then press OK.
2. Navigate to a photo album, then press OK.
3. Navigate to a photo then press OK, or press II ➔ (PAUSE/PLAY) to start a photo slideshow (see “Slideshow Playback Controls” on page 66).

**Photos Options**

With an individual photo selected or a slideshow running, press Options.

- **Rotate Left & Right** - See “Rotate Left & Right” on page 63.
- **Zoom** - To change the display’s viewing scale, press OK repeatedly until the preferred viewing scale is achieved. Press Options or Back to revert to the default viewing scale.
- **Pan** - To pan the display, press the navigation buttons ▲▼◄► repeatedly until the preferred panned view displays. Press Options or Back to revert to the default viewing scale.
- **Set as Background** - see “Set as Background” on page 62.
- **Download Photo** - Select this option then press OK to download the photo to one of your local drives. Select the location you want to download your photo to (network share or attached storage) then press OK.
Newsfeed

The Facebook news feed displays all of your friends’ comments and allows you to “Like” or comment. The number of people who like or have commented on each entry displays inside the corresponding icons to the right of the news feed entry.

1. In the Facebook main menu, press ◄/► to select Newsfeed, then press OK.
2. Press ▲/▼ to view your friends’ comments and posts.
3. With an entry selected, press ► once to select “Like,” if you like the entry, then press OK. Press ► twice to comment on a news feed entry, press OK, then enter your comment using the on-screen keyboard.

Note: Navigating to What's on your mind? and pressing OK allows you to add a comment to your wall in the newsfeed screen.

Friends

You can access your friends’ pages to view their photos, videos, and Wall posts.

1. In the Facebook main menu, press ◄/► to select Friends, then press OK.
2. The page of the friend you have selected displays. The photos section of the page displays by default. You can view photos or navigate to Videos or Wall, then press OK to view your friend’s videos and wall comments.

Wall

The Facebook Wall displays all of your entries and your friends comments and allows you to “Like” or comment. The number of people who like or have commented on each entry displays inside the corresponding icons to the right of the Wall entry.

1. In the Facebook main menu, press ◄/► to select Wall, then press OK.
2. Press ▲/▼ to view your friends’ comments and posts.
3. With an entry selected, press ► once to select “Like,” if you like the entry, then press OK. Press ► twice to comment on a news feed entry, press OK, then enter your comment using the on-screen keyboard.

Note: Navigating to What's on your mind? and pressing OK allows you to add a comment to your wall.

Videos

You can view the videos you and others users have posted to Facebook.

1. In the Facebook main menu, select Videos then press OK.
2. Navigate to a video, then press OK.
Videos Player

With a video playing, press OK to bring up the videos player info panel. You can choose to Like or Comment on a video in the info panel, then press OK.

Videos Options

With a video playing, press Options.

- **Zoom** - To change the display’s viewing scale, press OK repeatedly until the preferred viewing scale is achieved. Press Options or Back to revert to the default viewing scale.
- **Pan** - To pan the display, press the navigation buttons \(\uparrow\downarrow\leftarrow\rightarrow\) repeatedly until the preferred panned view displays. Press Options or Back to revert to the default viewing scale.
- **Browse description** - Select this option then press OK to view the description of the video.
- **Download video** - Select this option then press OK to download the video to one of your local drives. Select the location you want to download your video to (network share or attached storage) then press OK.

Event

Event displays all events you’ve been invited to, and allows you to view more information about or comment on events, and view your friends’ comments and “Like” or comment on them. The number of people who like or have commented on each entry displays inside the corresponding icons to the right of the Event entry.

1. In the Facebook main menu, press \(\downarrow/\uparrow\) to select Events, then press OK.
2. Select an event you’ve been invited to, then press OK.
3. Select **Write a Comment...** or **View More Info** to write a comment about or view more info for the event.
4. Press ▲/▼ to view your friends’ comments and posts.
5. With an entry selected, press ► once to select “Like,” if you like the entry ✽, then press OK. Press ► twice to comment on an event entry ☑, press OK, then enter your comment using the on-screen keyboard.

**Sign Out**

In the Facebook main menu, select **Sign Out** then press OK to log out of Facebook and return to the Services home screen. All previously saved login data for the Facebook account is erased.
Flickr

Flickr is an online image and video management and sharing website. Flickr content is organized based on tags—a keyword or category label that describes content. Tags help users to search for contents that have something in common. Each content file can have as many as 75 tags associated with it.

To learn more about Flickr services, and the options and limitations related to them, go to http://www.flickr.com/tour/.

To access Flickr:

1. Navigate to the Home | Search menu bar and press OK.
2. The list of Internet services display. Select Flickr flickr, then press OK. The Flickr home screen displays.

   Options include:
   - Interesting (last seven days)
   - Recent Upload
   - Search
   - My Contacts
   - Hot Tags
   - My Tags
   - Exit

Exploring Contents

You can explore photostreams (Flickr’s term for content selection) available in Flickr’s public domain.

To explore for random “interesting” media content from the past seven days:

Press ◀/▶ to select Interesting in the Flickr home screen, then press OK.

A photostream showing random contents rated as interesting in the past seven days by Flickr users displays. Go to page 114 for instructions on how to navigate a photostream.
To explore based on the upload date:
Press ◀/▶ to select Recent Upload in the Flickr home screen, then press OK.

A photostream showing the most recently uploaded content displays. Go to “Flickr Photostream” on page 114 for instructions on how to navigate a photostream.

To explore based on popular tags:
1. Press ◀/▶ to select Hot tags in the Flickr home screen, then press OK.

2. Press the navigation buttons to select a tag from the list, then press OK.
   A photostream showing contents associated with the selected tag is displayed.
   Go to “Flickr Photostream” on page 114 for instructions on how to navigate a photostream.

Searching for Contents
To search for content based on a specific keyword:
Keywords are words or phrases associated with the type of content you’re looking for. Keyword searches are based on information indicated on a member’s profile page.
1. Press ◀/▶ to select Search in the Flickr home screen, then press OK.

2. Press ▲/▼ to select Keywords, then press OK.

3. Use the navigation buttons ▲▼◄► to type a search word using the on-screen keyboard. Select Submit, then press OK.

A photostream showing contents associated with the specified keyword displays. Go to page 114 for instructions on how to navigate a photostream.

To search for content based on tags:

Perform this type of search to find content based on information indicated in a member’s tags list.

1. Press ◀/▶ to select Search in the Flickr dashboard, then press OK.
2. Press ▲/▼ to select Tags, then press OK.
3. Use the navigation buttons ▲▼◄► to type a search word using the on-screen keyboard. Select Submit, then press OK.

A photostream showing contents associated with the specified word is displayed. Go to “Flickr Photostream” on page 114 for instructions on how to navigate a photostream.
Searching for a Flickr Member

To search for a Flickr member:

1. Press ▲/▼ to select Search in the Explore screen, then press OK.

2. Press ▲/▼ to select Flickr member, then press OK.

3. Use the navigation buttons ▲▼◄► to type a member’s user name, email address, or interest using the on-screen keyboard. Select Submit, then press OK.

A browser screen listing Flickr member links matching your search criteria displays.

4. Press ▲/▼ to select a link, then press OK to view that member’s profile page.

If the selected member has public photostreams, you can explore them. Use the navigation buttons ▲▼◄► to select a content selection, then press OK to explore it. Go to the next section for instructions on how to navigate a photostream.

My Contacts

My Contacts shows a list of Flickr members you have searched for.

To view My Contents:

1. Press ◄► to select My Contents in the Flickr home screen, then press OK.

2. Press ▲/▼ to select a Flickr member you’ve searched for previously, then press OK to view their photos.
3. To remove a contact from the list, select the contact name and press **Options**. Select **Delete** or **Delete All Items**, then press **OK**.

![Delete Flickr tags](image)

**My Tags**

My Tags shows a list of Flickr tags you have searched for.

To view My Tags:

1. Press ◀/▶ to select **My Tags** in the Flickr home screen, then press **OK**.

![Flickr home screen](image)

2. Press ▲/▼ to select a tag you’ve searched for previously, then press **OK** to view the photos associated with the tag.

3. To remove a tag from the list, select the tag and press **Options**. Select **Delete** or **Delete All Items**, then press **OK**.
**Flickr Photostream**

The Flickr photostream layout is the same as that of a Photos directory in thumbnail mode.

- You can use the navigation buttons ▲▼◄► to select content.
- To view content in fullscreen mode, select the file and press **OK**.
- To view a slideshow using all the current photostream’s content, press ▶ or **OK**. Contents display in the Flickr Player screen. Go to next section for information.
- To return to the photostream from fullscreen mode, press **Back**.
- To return to the photostream from Player mode, press ■.
- To view all photos in full screen, go to Photo Settings and select Fit to screen (see “Photo Scaling” on page 186).
- While in the photostream layout, press Options to jump back to the Flickr home page or choose any of the Flickr home page menu options.

**Flickr Player**

The Flickr Player layout is the same as that of a photo slideshow.

- Press ▶ to view the next image in the photostream.
- Press ◄ to view the previous image in the photostream.
- To return to the photostream, press ■.
Player Options
As with a regular photo slideshow, you can customize the way content is displayed in the Flickr Player. To do this, press Options.

Note: To view photos enlarged in fit to screen or full screen mode, access the Setup menu and follow the instructions under “Photo Scaling” on page 186.

- To rotate the image display, press ▲/▼ and select Rotate left or Rotate right, then press OK repeatedly until the preferred display angle is achieved. The display is rotated clockwise or counter-clockwise in 90° increments. Press Options or Back to revert to the default display angle.

- To change the display’s viewing scale, press ▲/▼ and select Zoom & Pan, then press OK. Press OK repeatedly until the preferred viewing scale is achieved. Press Options or Back to revert to the default viewing scale.

- To pan the display, press ▲/▼ and select Zoom & Pan, then press OK. Press the navigation buttons ▲▼←→ repeatedly until the preferred panned view displays. Press Options or Back to revert to the default viewing scale.

Exit Flickr
To return to the Services home screen, press ◂/▸ to select Exit in the Flickr dashboard, then press OK.
Flixster

Watch the latest theatrical movie trailers and get critic reviews from Rotten Tomatoes. Preview movies that are opening this week and see what’s hot at the box office. See what’s new on DVD and Blu-ray and the top rentals. Search a catalog of over 40,000 films. Watch high quality trailers for over 10,000 blockbusters and indie flicks.

To access Flixster:

1. Navigate to the Home | Services menu bar and press OK.
2. The list of Internet services display. Select Flixster, then press OK. The Flixster main screen displays.
3. Press ▼/► to choose an option, then press OK.
   Options include:
   - Box Office (stay up to date with trailers and reviews for movies this week and last week’s top box office)
   - DVD (browse trailers and reviews for recently released DVDs)
   - Upcoming (view trailers and reviews for upcoming movies)
   - Search (search for trailers and reviews using the on-screen keyboard)
   - Exit
4. Use the navigation buttons ▲▼◆► to select a movie or DVD, then press OK.
5. Press ▼/► to select Watch Trailer, Cast, Critic Reviews, Share to Facebook, or Details, then press OK.
6. While watching trailers, press OK to see the video progress/playback bar. Press Option to select Zoom & Pan (see “Selecting Video Zoom and Pan Options” on page 45).
**Live365**

Use Live365 to create your own online radio station or listen to other Live365 broadcasters’ online stations. Music selections are compiled based on user ratings. Some small AM and FM stations also utilize Live365 to stream audio over the Internet.

To access Live365:

1. Navigate to the Home | Services menu bar and press **OK**.
2. The list of Internet services display. Select Live365 ![Live365](image), then press **OK**.
   
   Options include:
   
   - Stations
   - Last Played
   - My Presets
   - About
   - Exit

**Signing in to Live365 (Optional)**

You can start listening to free Live365 stations as an unregistered user, but to enjoy more features like access to recommended stations, saving stations to favorites, securing track information, setting station preferences, and many others, you need to sign up for a Live365 account.

To sign in to Live365:

1. Navigate to the Home | Services menu bar and press **OK**.
2. The list of Internet services display. Select Live365, then press **OK**.
3. On the Live365 main screen, press ◀/▶ to select **My Presets**, then press **OK**.
2. Press ▲/▼ to select **Sign In** or **Don’t have an account?**, then press OK. If you don’t have an account, follow the on-screen instructions to create your Live365 account online.

3. Use the navigation buttons ▲▼◄► to key in your Live365 user name on the on-screen keyboard. Select **Submit**, then press OK.

4. Use the navigation buttons ▲▼◄► to key in your Live365 account password on the on-screen keyboard. Select **Submit**, then press OK.

5. Press ▲/▼ to select a save option.

Options include:

- **No** – Your account details are not saved. You need to repeat the initial sign-in process every time you use the media player to access the Live365 service.
- **Save username only** – Your user name is saved, but you will be prompted to type in your password every time you use the media player to access the Live365 service.
- **Yes** – Both your user name and password are saved. You are automatically logged in to your account every time you select Live365 from the Services menu bar.

6. Press OK to complete the sign-in process. Once you have successfully signed in, the Live365 Home screen appears.

   From this screen you can browse for new stations, access previous stations you’ve listened to, and define profile preferences for your Live365 account.


Listening to a Live365 Station

- New Live365 users can browse for a radio station.
- You can access the last station you’ve listened to if you’ve already accessed Live365 from the media player.
- Registered Live365 users can access My Preset List and listen to favorite stations.
- Live365 VIP members can listen to premium radio stations.

To browse for a radio station:

1. On the Live365 main screen, press ◀/▶ to select Stations, then press OK.

2. Press ▲/▼ to select a station category, then press OK.

Selections include:

- **Free Stations** – Free Internet radio.
- **VIP Stations** – Premium, uninterrupted Internet radio for registered and paying Live365 users. You must sign in to your Live365 account and be a valid VIP member before you can access this category. Go to page 121 for more information.
- **Recommendations** - Free Internet radio recommended by your other Live365 users. You must be signed in to access these stations.
- **Search** – Search for a Live365 station. Go to page 121 for more information.

3. Press the navigation buttons to select the station you want to listen to. Press OK.
4. Press ▲ if you want to add the station to My Presets if you have a Live365 account. Press OK.
5. Press ●▶ or OK to start listening to the selected radio station.
The Live365 Station screen:
The Live365 station screen provides view and sorting and audio quality filtering options.

1. Press ▲, select the view icon ■, and press OK to switch between Grid and List views.
2. Press ▲/ ► to select the sorting and filter icon ■, and press OK.
3. Press ►, then ▲/ ◀ to select Filter by audio quality. Options include All Stations, Only high (audio quality), Medium to high (audio quality), Low to medium (audio quality), and Only low (audio quality). Press OK.
4. Press►, then OK to select the green check mark ▶, then press OK again.

5. Select Sorting and repeat the steps above to sort stations either Alphabetically or By Popularity.

To access the last station listened to:

1. On the Live365 main screen, press ◀/ ► to select Last played.

2. Press ▴► or OK to start listening to the selected radio station.
To listen to a favorite station:

1. On the Live365 main screen, press ◀/▶ to select **My Presets**, then press **OK**.
   Press ◀/▶ to select a station from your preset list.
2. Press  II  or **OK** to start listening to the selected radio station.

To listen to a VIP station:

1. On the Live365 main screen, press ◀/▶ to select **Stations**, then press **OK**.
2. Press ◀/▶ to select **VIP Stations**, then press **OK**.
3. Press ◀/▶ to select a music genre, then press **OK**.
4. Press ◀/▶ to select a music sub-genre, then press **OK**.
5. Press ◀/▶ to select the station you want to listen to.
6. Press  II  or **OK** to start listening to the selected radio station.

**Searching for a Live365 station**

Perform a station search based on the following criteria:

- Artist name
- Track or CD title
- Station information
- Music genre
- Station location
- Audio quality.

You can limit your search based on whether a station has been rated by Live365 editors or if it is a professional, independent, or official station.

To search for a Live 365 station:

1. On the Live365 home screen, select **My Presets**, **Stations**, or **Last Played**, then press **Options**.
2. Press ▲/▼ to select Search, then press OK.

3. On the on-screen keyboard, use the navigation buttons ▲▼◀▶ to key in a search keyword, then press OK.

4. Press ◀/▶ to select a station from the search result.

5. Press ▼ or OK to start listening to the selected radio station.

Displaying the Currently Playing Station

1. On the Live365 home screen, select My Presets, Stations, or Last Played, then press Options.

2. Press ▲/▼ to select Now Playing, then press OK. The station currently playing displays.

Adding a Station to Your Preset List

If you like a particular station, you can add it to your preset list for easier access in the future.

To add a station to your preset list from the Now Playing screen list:

1. Go to the station list showing the station you want to add.

2. Press ▲/▼ to select the station you want to add.

3. Press ◀ several times to enable the ▼ Add to My Preset function, then press OK.

4. A confirmation screen appears. Press OK to confirm the new preset station and return to the Now Playing screen.

Removing a Station from Your Preset List

You can remove stations you no longer want from your preset list.

To remove a station from your preset list:

1. Sign in to your Live365 account. Go to “To sign in to Live365:” on page 117 for instructions.

2. From the Live365 home screen, press ◀/▶ to select My Presets, then press OK.

3. Press ◀/▶ to select the station you want to remove.

4. Press ▲ to enable the Remove Station function, then press OK.

5. A confirmation prompt appears. Press OK to go back the Now Playing screen.
Providing Song Feedback

Music selections in Live365 are compiled based on their user ratings. You can participate in the selection process by giving a song the “thumbs up” 🌟 or “thumbs down” 🌟 vote.

To provide song feedback:

1. While the song is playing, press ◀️/▶️ to select a feedback icon: 🌟 for positive feedback, 🌟 for negative feedback. Press OK.
2. A feedback confirmation screen appears. Press OK to go back the the Now Playing screen.

Getting Track Information

You can send the track information of the currently playing song to your email account for later reference.

To secure track information:

1. While the song is playing, press ◀️/▶️ to select 📧, then press OK.
2. A confirmation screen appears. Press OK to return to the Now Playing screen.
   
   The track information will be sent to the email address you used to sign up for your Live365 account.

Signing out from Live365

Sign out of Live365 after a listening session to ensure that nobody can make changes to your Live365 settings and stations without your permission.

To sign out from Live365:

1. In a Stations or the Now Playing screen, press Options, then ▲/▼ to select Sign In/Sign Out, then press OK.
2. Press ◀️/▶️ to select OK on the confirmation prompt, then press OK.

Exit Live365

To return to the Services home screen, press ◀️/▶️ to select Exit in the Live365 home screen, then press OK.
MLB.TV

Watch every out-of-market game LIVE or on demand in HD quality. Almost 100 games are streamed LIVE each week. Choose home or away feeds, and use quick navigation to run scoring plays or at bats. PLUS, watch over 150 Spring Training Games with no blackout restrictions.

Note: MLB.TV Premium subscription required. See MLB.TV.COM for details.

See http://mlb.mlb.com/mlb/help/faq_subscriptions.jsp for further details and subscription access FAQs.

To access MLB.TV:

1. Navigate to the Home | Services menu bar and press OK.
2. The list of Internet services display. Select MLB.TV, then press OK.
3. Select Link Now, then press OK.
4. Go to www.mlb.tv/wdtv and enter the code shown on-screen.

5. Press OK on the remote. The MLB.TV main screen displays.

Today’s Games

To view Today’s Games:

1. Press ▲/▼ to select a game from the list in the main screen, then press OK.
2. Select a video feed (HOME or AWAY broadcast), then press OK.
3. Select a playback option (Watch From Beginning, Resume Watching, Watch Live), then press **OK**.

![Playback Options Screen](image)

**Game Playback**

Press **OK** while watching a game to bring up the MLB.TV playback screen. Use the navigation buttons to Jump to Inning, Jump 10 Secs, play Slow, Jump to Live, or Select Feed. Select Close then press **OK** to close the playback screen.

![Game Playback Screen](image)

**Playback Options**

Press **Options** during game playback to bring up the playback options screen. Besides the same options available in the playback screen, the options screen also includes **Zoom & Pan** (see “Selecting Video Zoom and Pan Options” on page 45) and **Sound Effect** (TV Channel, Radio Station, or Audience Background Noise).
**Calendar**

In the MLB.TV main screen, navigate to Calendar then press OK. Your team’s calendar displays. Select the current date or navigate to an earlier date and press OK to view current or archived games.

![Calendar Image]

**Standings**

In the MLB.TV main screen, navigate to Standings then press OK to view AL and NL standings.

**Game Recaps**

In the MLB.TV main screen, navigate to Game Recaps then press OK. Use the navigation buttons to view recaps of recent games.

![Game Recaps Image]
Settings

In the MLB.TV main screen, navigate to **Standings** then press **OK**. In this screen, you can perform such functions as setting your favorite team or teams, setting the default team for the calendar, unlink your account, or hide or reveal scores in the main screen.

![MLB.TV Settings Menu](image)
**Netflix**

Enjoy new releases, classics, and TV episodes instantly on your WD TV Live Hub media center. Don’t wait for the mailman to deliver your movies and don’t settle for streaming to your small computer screen. Access your Netflix unlimited membership and instantly watch TV episodes and movies on your big screen.*

*Netflix is available in certain countries. Unlimited membership required. More information at [www.netflix.com](http://www.netflix.com).

To access Netflix:

**Important:** Be sure to update your firmware to the latest version before following the instructions below. See “System Firmware Upgrade” on page 208 for further details.

1. Navigate to the Home | Services menu bar and press **OK**.
2. The list of Internet services display. Select Netflix, then press **OK**.

**Existing Netflix Members**

Follow the on-screen instructions to enter your user name (in most cases, your registered email address) and password to log in to your account using the remote control. Go to [www.netflix.com/signinhelp](http://www.netflix.com/signinhelp) if you encounter any problems.

**New to Netflix**

Go to [www.netflix.com/wdtv](http://www.netflix.com/wdtv) to sign up and start a one month free trial.

**Netflix Navigation**

Once you have accessed your Netflix account, navigate using the remote control to choose from a variety of categories of movies and TV shows.

**Note:** To deactivate Netflix on the media player, reset the device to factory defaults. See “Device Reset” on page 200. To deactivate the media player from your Netflix account, log in to your Netflix account. Navigate to “Your Account & Help.” Under “Manage Netflix ready devices and computers” locate the WD TV device and select “Deactivate.”
Pandora (US only)

Pandora is an automated music recommendation and Internet radio service. With Pandora, you can input a song title or artist name and the service responds by playing selections that are musically similar. You can provide feedback (approved/not approved) on individual songs, which Pandora takes into account for future selections.

Conditions for Using Pandora

The following conditions must be satisfied before you can use the Pandora service.

- You must have a Pandora account. Go to www.pandora.com/wd to create your account. Once you have registered, note your activation code. You will need this code to sign in to Pandora from your media player.
- At present, Pandora is only available for users located in the United States. You must have a US-based network connection.

To set the system language to English:

1. Navigate to Home | Setup menu bar.
2. Press ▼/▲ to select Appearance, then press OK.
3. Press △/▼ to select Language, then press OK.
4. Press △/▼ to select English, then press OK.
Signing in to Pandora for the First Time

1. Navigate to the Home | Services menu bar and press OK.
2. The list of Internet services display. Select Pandora, then press OK.
3. Press OK to bring up the Add Account screen.
4. If you already have a Pandora account, choose I have a Pandora account, then press OK to create your new Pandora account. Proceed to step 6.

5. If you do not have a Pandora account, select I am new to Pandora, then press OK.

6. Write down the activation code and follow the onscreen instructions (go to www.pandora.com/wd to create your new account). When finished, choose Continue, then press OK.

7. Use the navigation buttons ▲▼◄► to type in your Pandora user name using the on-screen keyboard, then press OK.

8. Use the navigation buttons ▲▼◄► to type in your Pandora account password using the on-screen keyboard, then press OK.

9. Press ◄► to select a save option.
   Options include:
   - **No** – Your account details will not be saved. You need to repeat the initial sign-in process every time you access the Pandora service using the media player.
   - **Save username only** – Your user name is saved, but you will be prompted to type in your password every time you access the Pandora service using the media player.
   - **Yes** – Both your user name and password are saved. You are automatically logged in to your account every time you access the Pandora service using the media player.

10. Press OK to complete the sign-in process.
Once you have successfully signed in to Pandora, the Stations screen appears.

From this screen you can create new stations, start listening to previously created stations and Quickmix playlist, and define profile preferences for your account.

For more information on the features, options, and limitations of using Pandora, go to [http://www.pandora.com](http://www.pandora.com).

**Pandora Stations**

A Pandora station is a personalized stream of music, based on one or more artist names or song titles of your choice. Once you’ve signed in to Pandora from your media player, you can easily access your stations from the Music menu bar.

**Pandora stations reminders**

- You can have up to 100 stations at any one time, plus one QuickMix. Once you reach this maximum number of stations you have to delete a station before you can add another one.
- Pandora does not allow immediate or "on demand" playback of a specific song.
- A Pandora station cannot play more than four songs by an artist in a three-hour period.
- After eight hours of play, Pandora prompts you to see if you’re still listening. Streaming stops until you respond.
- The music selection streamed into your Pandora station contains a mix of songs or artists that were compiled based on:
  - the initial station “seed” used in creating that station. Go to the next section for instructions on how to create a new Pandora station.
  - the track feedback (thumbs up / thumbs down) you provide. Go to page 133 for more information.
  - the number of skips assigned to a track. Go to page 133 for more information.
- You cannot reverse or immediately replay the songs played on your Pandora station.
To create a Pandora station:
1. Navigate to **Create Station** or press **Options** to select **Create station**. Press **OK**.
2. Use the navigation buttons ▲▼◄► to type the name of an artist or song title using the on-screen keyboard. Select **Submit**, then press **OK**.
3. Press ▲/▼ to select a listing from the search results, then press **OK**.
   The listing you selected will serve as the station ‘seed’ for Pandora to compile and stream music similar to your station.

To listen to a Pandora station:
1. On the **Stations** screen, use the navigation buttons to select the name of the station you want to listen to.
2. Press || ► or **OK** to start listening to the selected Pandora station. Press NEXT ► to go to the next song.

To tune in to another station:
1. While listening to a station, press **STOP ■**. You are returned to the Stations screen.
2. Use the navigation buttons to select the name of the station you want to switch to.
3. Press || ► or **OK** to start listening to the selected station.

To rename a Pandora station:
1. Tune in to the station you want to rename.
2. Navigate to **Rename Station** or press **Options** then ▲/▼ to select **Rename this station**. Press **OK**.
3. Use the navigation buttons ▲▼◄► to key in a new station name using the on-screen keyboard. Select **Submit**, then press **OK**.

To delete a Pandora station:
1. Tune in to the station you want to delete.
2. Navigate to **Delete Station** or press **Options** then ▲/▼ to select **Remove this station**. Press **OK**.
3. Press ◄► to select **OK** on the confirmation prompt, then press **OK**.
QuickMix

QuickMix is a feature that allows you to listen to more than one of your stations at once. QuickMix will play only one song based on particular musical characteristics at a time (unlike regular Pandora stations, which play four related songs in a row), so the mood changes more often.

Providing Song Feedback

You can influence the music selection that is streamed into your Pandora station by providing track feedback for the song currently playing. You can give a song a “thumbs up” or a “thumbs down” vote.

Thumbs up

If you like the currently playing song, give it a thumbs up vote. This positive feedback means:

- The very next set of songs for this station will be generated using the song you’ve given a “thumbs up” vote to as a musical starting point.
- Future sets of songs are likely to have similar musical traits. Multiple “thumbs up” votes on this station for other similar songs will have a cumulative effect.
- This song will play somewhat more often than other songs on this station’s potential playlist, and will play about as often as other songs that have received a “thumbs up” on this station.

Thumbs down

If you don’t want to hear a song on a particular station, give it a thumbs down vote. This negative feedback means:

- The song will stop playing, if there are any of the remaining "six skips per hour" available on that particular station (this limit is per station, on a rolling per-hour basis).
- The song will be permanently removed from that particular station's playlist.
- A new set of songs with a different musical emphasis will begin to play.
- If you’ve given at least two “thumbs down” vote to a specific artist on that particular station, songs from that artist will no longer be included in that station’s playlist.

To provide song feedback:

- While a song is playing, press  /  to select  or , then press OK.
  A prompt to confirm your vote appears.

Putting a Song to Sleep

When you want to stop listening to song, but not permanently remove it from a station’s playlist, you put it to “sleep.” This prevents the song from playing on any of your stations for 30 days.

To put a song to sleep:

- While a song is playing, press  /  to select  , then press OK.
  A prompt to confirm the “sleep” action appears.
**Bookmarking a Song or Artist**

You have the option to bookmark a song or an artist for later reference. You can later refer to this bookmark if you want to buy the track when you’ve sign in to Pandora from your computer or mobile computing device, or if you want to share your musical preferences with other Pandora users.

To bookmark a song or artist:

1. While a song is playing, press ◀/▶ to select , then press OK.
2. Press ▲/▼ to select whether to bookmark the song title or the song artist, then press OK.

The new bookmark is added to your listener profile page. Sign in to Pandora from your computer or mobile computing device to view this profile page.

**Why a Song is in my Station’s Playlist**

You can see why Pandora included a particular song in your station’s playlist. While a song is playing, select Why this song?, then press OK. The song analysis displays.

**Deleting a Pandora Account**

1. Select Pandora from the Services menu then press OK.
2. Press ▲/▼ to select the Pandora account you want to delete, then press ▶ to select the and press OK.
Picasa

View, share and enjoy your photographs right from your television.

To learn more about Picasa services, and the options and limitations related to them, go to http://www.picasa.google.com.

To access Picasa:

1. Navigate to the Home | Services menu bar and and press OK.
2. The list of Internet services display. Select Picasa, then press OK to display the Picasa home screen.

Options include:

- Account
- Search
- My Photos
- People I’m Following
- Featured
- Recent

Signing In To Your Picasa Account

Note: If you do not have a Picasa account and want to create one, go to http://www.picasa.google.com.

1. Press ◀/▶ to select Account in the Picasa home screen, then press OK.
2. Select Add Account, then press OK.

3. Use the navigation buttons ▲▼◄► to type your Picasa user name in the on-screen keyboard. Select Submit, then press OK.

4. Use the navigation buttons ▲▼◄► to type your Picasa account password in the on-screen keyboard. Select Submit, then press OK.

5. Press ▲▼ to select a save option. Press OK when finished.
   Options include:
   - **No** – Your account details are not saved. You need to repeat the initial sign-in process every time you access Picasa using the media player.
   - **Save username only** – Your username is saved, but you will be prompted to input your password every time you access Picasa using the media player.
   - **Yes** – Both your user name and password are saved. You can later sign in to your account from the Picasa Account screen.

6. The My Photos page appears. Go to the next section for more information on this page.

**Account**

By default, the My Photos page displays first when you sign in to your account. This page contains the photos and videos you have uploaded to Picasa.

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Note: If you have not uploaded any photos or videos, the screen displays "there is no media in the current folder."
You can sort and filter content on this page by showing all content (All) or your Unlisted Gallery or Public Gallery. Press ▲ or navigate to ▼, and press OK, then press ▲/▼ and OK twice to switch that selection.

Searching for Content

You can search Picasa for photos and videos of particular interest to you. The search results are based on the following:

- Filenames
- Captions
- Tags
- Folder or album names
- Camera maker
- Date (i.e., 'November' or '2011')

The media player saves your searches so you can quickly recall them.

Note: Content with visibility set to “private” by users do not appear in search results.

To search for content:

1. Press ◀▶ to select Search in the Picasa home screen, then press OK.

2. Use the navigation buttons ▲▼◄► to type a keyword related to the subject matter of the content you’re looking for using the on-screen keyboard. Select Submit, then press OK.
The content search begins (this may take a few seconds). Content matching your search word appears in a Search result screen.

3. Use the navigation buttons to select a photo or video from the display.
4. Press II or OK to view the selected photo or start watching the selected video.

Go to page 164 for more information on using the YouTube Player.

To use search history:

1. Press the SEARCH button on the remote control. This toggles you to the Search History list.

2. Press ▲/▼ to select a search from the display.
3. Press OK to perform the saved search.

**My Photos**

My Photos contains all images and videos in your Picasa Web Albums. To view images or videos, use the navigation buttons to select a web album, then press OK. Select an individual file and press OK to view, or press II to view a slideshow of all the photos in an album.
**Photo Menu Options**

With a photo thumbnail in a web album selected, press **Options**. The My Photos menu options display. Press **Back** when complete to return to the web album menu.

**Information**

Use this option to display the following information about the current picture:

- Date
- Camera make and model
- ISO, exposure, and aperture settings
- Focal length
- Flash info

**Upload to Facebook**

The Picasa upload to Facebook function is the same as the Videos upload to Facebook function. See “Upload to Facebook” on page 40.

**Comments**

Use this option to make or view comments on the selected photo. Use the navigation buttons to select **Hide Comments** or **Write a Comment...** using the onscreen keyboard, then press **OK**.
Photo Display Options

- To display the photo options while viewing a photo, press **Options**.
- To return to the photo you were viewing, press **Back** or **Options** again.

**Information**

See “Information” on page 139.

**Play Mode**

See “Play Mode” on page 63.

**Rotate Left & Right**

See “Rotate Left & Right” on page 63.

**Selecting Photo Zoom and Pan Options**

See “Selecting Video Zoom and Pan Options” on page 45.

**Upload to Facebook**

See “Upload to Facebook” on page 40.

**Set As Background**

See “Set as Background” on page 62.

**Comments**

See “Comments” on page 139.

**Download Photo**

Use this menu to download a photo to the media center’s internal drive or to another network attached device.

**Displaying Photo Thumbnails**

See “Displaying Photo Thumbnails” on page 64.

**Photo Slideshow**

See “Photo Slideshow” on page 65.
Video Player
The Picasa video layer layout is similar to the regular video playback screen. It displays the playback status bar and the elapsed and total playback times. Press ▶ to pause and resume playback.

People I’m Following
People I’m Following contains thumbnails showing icons for the people you are following on Picasa. Select an icon to view each person’s Public Gallery Albums. Use the navigation buttons to select individual photos or press ▶ inside an album to begin a photo slideshow.

Featured
This screen contains select Picasa user photos. Use the navigation buttons to select individual photos or press ▶ to begin a photo slideshow. When viewing a photo, press Options then select More Photos From This Owner to view all of the owner’s Public Gallery Albums.

Recent
This screen contains recent Picasa user photos, and works the same as way as Featured above.

Deleting a Picasa Account
1. On the Picasa main screen, press ◀/▶ to select Account, then press OK.
2. Press ▲/▼ to select Delete Account, then press OK.
3. Press ▲/▼ to select the account you want to delete, then press OK.
4. Press ◀/▶ to select OK on the confirmation prompt, then press OK.
SHOUTcast Radio

SHOUTcast Radio is the ultimate directory of online radio stations featuring over 45,000 music, talk, sports, and community radio stations from around the world.

To access SHOUTcast:
1. Navigate to the Home | Services menu and press OK.
2. The list of Internet services display. Select SHOUTcast Radio, then press OK.
   Options include:
   - Search
   - Radio Genres
   - Favorites
   - Top Radios
   - About
   - Exit

Listening to a SHOUTcast Radio Station

To browse for a radio station:
1. On the SHOUTcast Radio main screen, press ◄/► to select Radio Genres, then press OK.

2. Press ▲/▼ to select from a variety of genres, then press OK.

3. Press ▲/▼ to select from a variety of subgenres (if necessary), then press OK.
4. Press ▲/▼ to select a radio station.

5. Press Options, then press ▲/▼ to select **Add to Favorite** if you want to add the station to Favorites. Press OK.

6. Press □► or OK to start listening to the selected radio station. You can view information about the currently playing station and song such as title, artist, genre, number of listeners, etc. at the top of the screen.

**Searching for a SHOUTcast Radio Station**

To search for a SHOUTcast Radio station:

1. On the SHOUTcast Radio main screen, press ▲/► to select **Search**, then press OK.

2. Filter your results by selecting **All**, **Artist**, or **Genre**, then press OK.

3. On the on-screen keyboard, use the navigation buttons ▲▼◄► to key in a search keyword, then press OK.

   **Note:** You can also press遥控器 on the remote control to toggle to the results list after entering several characters in the search field.

4. Press ▲/▼ to select a station from the search result.

5. Press □► or OK to start listening to the selected radio station.

**Adding a Station to Your Favorites List**

If you like a particular station, you can add it to Favorites for easier access in the future.
To add to a station, program, or podcast to your favorites:
1. Go to the station list showing the station you want to add.
2. Press ▲/▼ to select the station you want to add or begin playing a station.
3. Press Options, then press ▲/▼ to select Add to Favorites if you want to add the station to Favorites, then press OK.

4. Press OK again to confirm.

**Listening to a Station in Your Favorites List**

To listen to a favorite station:
1. On the SHOUTcast Radio main screen, press ◀/▶ to select Favorites, then press OK.
2. Press ▲/▼ to select a station from the list.
3. Press ▼ or OK to start listening to the selected radio station.

**Assigning a Preset Button to a Station**

You can assign a numbered button on the remote control to a SHOUTcast Radio station for quick access.

To assign a preset button to a station:
1. Go to the station list showing the station you want to add.
2. Press ▲/▼ to select the station you want to add or begin playing a station.

4. Press ▲/▼ to select a numbered remote button, then press OK.
Removing a Station from Your Preset List

You can remove stations you no longer want from your preset list.

To remove a station from your preset list:
1. On the SHOUTcast Radio main screen, press ◀/▶ to select Favorites, then press OK.
2. Press ▲/▼ to select the station you want to remove.
3. Press Options, then press ▲/▼ to select Remove from Favorites, then press OK.
4. A confirmation prompt appears. Select OK, then press OK.

Top Radios

To choose from among the most popular SHOUTcast Radio stations, press ◀/▶ to select Top Radios in the SHOUTcast Radio main screen, then press OK.

About

For more information about the SHOUTcast Radio service such as terms of service, press ◀/▶ to select About in the SHOUTcast Radio main screen, then press OK.

Exit

To simply exit out of SHOUTcast Radio, press ◀/▶ to select Exit in the SHOUTcast Radio main screen, then press OK.
Spotify

Enjoy on-demand access to over 15 million tracks and albums. Any artist, any album, any genre - available instantly on your media player.* Spotify is available in: USA, UK, Sweden, Finland, Norway, France, The Netherlands, Spain, Austria, Belgium, Switzerland and Denmark. To use the service, create a Spotify account at www.spotify.com.

*Spotify Premium account required.

To access Spotify:
1. Navigate to the Home | Services menu and press OK.
2. The list of Internet services display. Press ◀/▶ to select Spotify , then press OK.
3. Press OK to sign in to Spotify

4. Use the navigation buttons ▲▼◄► to type in your Spotify user name using the on-screen keyboard, then press OK.
5. Use the navigation buttons ▲▼◄► to type in your Spotify account password using the on-screen keyboard, then press OK.
6. Press OK to complete the sign-in process.
7. The terms and conditions disclaimer displays. Select Accept then press OK.
8. The Spotify main screen displays. Options include:
   - What’s New
   - Top Lists
   - Radios
   - Playlists
   - Starred
   - Inbox
   - Play Queue
   - People
   - Search
   - Account
Searching for a Spotify Artist, Album, or Track

To search for a Spotify artist, album, or track:

1. On the Spotify main screen, press ◀/▶ to select Search, then press OK.
2. Press ▲/▼ to select Tracks, Albums, or Artists. Press OK to make your selection.
3. Press OK again.
4. Use the on-screen keyboard to key in and submit search keywords.
5. Press ▲/▼ to select an album or track from the search result.
6. If necessary, use the navigation buttons then press ▶ or OK to start listening to the selected album or track.

Star

You can “star” a track for quick access in the future via the Starred menu on the Spotify home screen.

1. With the track you want to star selected, press Options, select Star, then press OK.
2. In the Spotify home screen, press ◄/▶ to select **Starred**, then press **OK**. Your starred tracks display.

![Spotify Starred Tracks](image)

**Adding a Track to a Playlist**

If you like a particular track, you can add it to a playlist for easier access in the future.

To add a track to a playlist:

1. Go to the track list showing the track you want to add.
2. Press ▲/▼ to select the track you want to add or begin playing a track.
3. Press **Options**, then press ▲/▼ to select **Add to Track to Playlist**, then press **OK**.

![Spotify Add to Playlist](image)

4. If you want to create a new playlist for the track, select **Create New Playlist**, then press **OK**.
5. Using the on-screen keyboard, key in a new playlist name, then press **OK**.
6. Press ▲/▼ to select a playlist name from the list.

![Spotify Playlist Selection](image)
7. Press OK. You can delete the playlist by pressing Options with the playlist selected, then select Delete.

**Collaborate on a Playlist**

You can set a playlist you’ve created to Collaborate so that your friends can add tracks to it.

To set a playlist to Collaborate:

1. In the Spotify main screen, press / to select Playlists, then press OK.
2. With a playlist selected, press Options.
3. Select Collaborate, then press OK.

4. The playlist is now set to Collaborate, and the playlist appears with a dot next to it. You can reverse this setting by pressing Options with the playlist selected, then select Uncollaborate.

**Play Mode**

1. With the track you want to play selected, press Options.
2. Select Play Mode, then press OK repeatedly until the repeat icon you want is displayed. Options include:
   - **Repeat All** – All the audio files in the album or playlist are played in sequence and repeatedly until you press STOP or Back.
   - **Repeat One** – The current audio track is played repeatedly until you press STOP or Back.
   - **Repeat All and Shuffle** – All the audio files in the album or playlist are played repeatedly in sequence and shuffled until you press STOP or Back.
   - **Shuffle** – All the audio files in the album or playlist are shuffled repeatedly until you press STOP or Back.

**Browse Album or Artist**

You can view available albums from an artist whose track you’ve selected.

To browse an artist’s albums:

1. With an artist’s track selected, press Options.
2. Press ▲/▼ to select **Browse Artist Album** ○, then press **OK** to view/play track from the album. Press ▲/▼ to select **Browse Artist** □, then press **OK** to view/play albums from the artist.

3. A list of the artist’s albums or the album tracks available on Spotify display.

**Share**

You can share a track or playlist with the friends you have added to your Spotify account, or to Facebook.

1. With the track or playlist you want to share selected, press **Options**, then press ▲/▼ to select **Share**, then press **OK**.
2. Press ▲/▼ to select **Share to Friend** or **Share to Facebook**, then press **OK**.

3. Select a friend from your list then press **OK**, or log in to Facebook (if necessary).

**View Biography**

Select View Biography to read the artist biography from AllMusic.

*Note: View Biography only appears if the artist has a biography in AllMusic.*

1. With an artist’s track selected, press **Options**.
2. Press ▲/▼ to select **View Biography**, then press **OK**.

![View Biography](image)

3. If necessary, press **Next Page** to read the entire biography.

**People**

On the Spotify main screen, press ◀/▶ to select **People**, then press **OK** to see a list of the friends you’ve added to your Spotify account. Select a friend then press **OK** to view and play their published playlists.

**Inbox**

On the Spotify main screen, press ◀/▶ to select **Inbox**, then press **OK** to see a list of songs your friends have sent to your Spotify account. Each friend’s name appears next to the song. If a message icon appears next to a friend’s name, select the song and press **Options**. Press ▲/▼ to select **View Message From Your Friend**, then press **OK**.

![View Message From Your Friend](image)

**What's New, Top Lists, and Radios**

To listen to artist albums and radio stations:

1. On the Spotify main screen, press ◀/▶ to select **What’s New, Top Lists**, or **Radios**, then press **OK**.
2. Press ▲/▼ to select a new or most listened to artist album, or artist radio station.
3. Press ▶ or **OK** to start listening to the selected album or radio station. In the Radios screen, you can select **Create New Station** to add an artist radio station using the on-screen keyboard.
Delete Spotify Account

To delete a Spotify account:

1. On the Spotify main screen, press ◀/▶ to select Account, and press OK.
2. Select the Spotify account you wish to delete, then press ▶ to select the x and press OK.
TuneIn

The world’s largest Internet radio guide with access to over 30,000 free radio stations searchable by location, genre, or format.

To access TuneIn:
1. Navigate to the Home | Services menu and press OK.
2. The list of Internet services display. Select TuneIn , then press OK.
   Options include:
   • Station
   • Search
   • Preset
   • Sign in
   • Exit

Signing in to TuneIn (Optional)

You can start listening to TuneIn stations as an unregistered user, but you need to sign up for a TuneIn account at http://radiotime.com to customize your radio experience by adding stations to your presets for faster access.

To sign in to TuneIn:
1. Press ◀/▶ to select Sign in, then press OK.

2. Select Activate Device, then press OK.

3. Write down the activation code and follow the onscreen instructions (go to http://radiotime.com/mydevice to associate the media player with your account). When finished, choose Continue, then press OK.
4. Select **Enter RadioTime.com account**, then press **OK**.
5. Use the navigation buttons ▲▼◄► to type in your TuneIn user name using the on-screen keyboard, then press **OK**.
6. Use the navigation buttons ▲▼◄► to type in your TuneIn account password using the on-screen keyboard, then press **OK**.
7. Press **OK** to complete the sign-in process.

**Listening to a TuneIn Station, Program, or Podcast**

- New TuneIn users can browse for a radio station, program, or podcast.
- Registered TuneIn users can access presets and listen to favorite stations.

To browse for a radio station, program, or podcast:

1. On the TuneIn main screen, press ▼► to select **Station**, then press **OK**.

![TuneIn Station Options](image)

Options include:

- **Local Radio** – Listen to your local stations which display in numerical order.
- **Music** – Categorizes your local music radio stations by genre.
- **Talk** – Categorizes your local talk radio stations by type.
- **Sports** – Categorizes local and national sports broadcasts and programs by type.
- **By Location** – Find radio stations throughout the world from the lists of regions and countries.
- **By Language** – Find radio stations throughout the world from the list of languages.
- **Podcasts** – Find radio program podcasts categorized by music genre and type.

2. Press ▲▼ to select the station, program, or podcast you want to listen to.
3. Press **Options**, then press ▲▼ to select **Add to Preset** if you want to add the station to Presets (TuneIn account required). Press **OK**.
4. Press ▼► or **OK** to start listening to the selected radio station.

**Searching for a TuneIn Station**

To search for a TuneIn station, program, or podcast:

1. On the TuneIn main screen, press ◀► to select **Search**, then press **OK**.
2. On the on-screen keyboard, use the navigation buttons ▲▼◄► to key in a search keyword, then press **OK**.
Note: You can also press 🎮 on the remote control to toggle to the results list after entering several characters in the search field.

3. Press ▲/▼ to select a station from the search result.
4. Press ▶ or OK to start listening to the selected radio station.

Adding a Station to Your Preset List

If you like a particular station, you can add it to your preset list for easier access in the future.

To add to a station, program, or podcast to your presets:
1. Go to the station list showing the station you want to add.
2. Press ▲/▼ to select the station you want to add or begin playing a station.
3. Press Options, then press ▲/▼ to select Add to Preset if you want to add the station to Preset (TuneIn account required), then press OK.

4. Press OK again to confirm.

Listening to a Station in Your Preset List

To listen to a preset station, program, or podcast:
1. On the TuneIn main screen, press ◀/▶ to select Preset, then press OK.
2. Press ▲/▼ to select a station from your preset list.
3. Press ▶ or OK to start listening to the selected radio station.

Removing a Station from Your Preset List

You can remove stations you no longer want from your preset list.

To remove a station from your preset list:
1. On the TuneIn main screen, press ◀/▶ to select Preset, then press OK.
2. Press ▲/▼ to select the station you want to remove.
3. Press **Options**, then press ▲/▼ to select **Remove Preset**, then press **OK**.

![Image of Remove Preset option](image1.png)

4. A confirmation prompt appears. Select **OK**, then press **OK**.

### Getting Station Information

You can view information about the currently playing station and song.

1. While the station is playing or selected, press **Options**, then ▲/▼ to select **View info**. Press **OK**.
2. The information screen appears, displaying info such as genre, language, currently playing song, next song, and time. Press **OK** to return to the previous screen.

### Reporting Problems

You can report a problem with the currently playing station or audio or contact the station/show using the reporting problems option.

1. While the station is playing or selected, press **Options**, then ▲/▼ to select **Report problem**. Press **OK**.
2. The reporting problems screen appears, displaying options for reporting problems such as audio, wrong information, errors, etc. After making your selection press **OK** to return to the previous screen.
Signing Out from Tuneln

Sign out of Tuneln after a listening session to ensure that nobody can make changes to your Tuneln settings and stations without your permission.

To sign out from Tuneln:

1. On the Tuneln main screen, press Options to show the toolbar, press ▲/▼ to select Sign out, then press OK.
2. Select OK on the confirmation prompt, then press OK.

Exit

To simply exit out of Tuneln and stay signed in, press ◀/▶ to select Exit in the Tuneln main screen, then press OK.
YouTube

YouTube is a video hosting website where you can upload and share videos.

To access YouTube:

1. Navigate to the Home | Services menu bar and and press OK.
2. The list of Internet services display. Select YouTube then press OK to display the YouTube home screen.

   Options include:
   - User
   - Search
   - Top Favorites
   - Featured
   - Most Popular
   - Most Viewed
   - Top Rated
   - Preferences

Signing In To Your YouTube Account

Note: If you do not have a YouTube account and want to create one, go to www.youtube.com.

1. Press ◀/▶ to select User in the YouTube home screen, then press OK.
2. Select **Sign in**, then press **OK**.

3. Use the navigation buttons ▲▼◄► to type your YouTube user name in the on-screen keyboard. Select **Submit**, then press **OK**.

4. Use the navigation buttons ▲▼◄► to type your YouTube account password in the on-screen keyboard. Select **Submit**, then press **OK**.

5. Press ▲/▼ to select a save option. Press **OK** when finished.
   Options include:
   - **No** – Your account details are not saved. You need to repeat the initial sign-in process every time you access YouTube using the media player.
   - **Save username only** – Your username is saved, but you will be prompted to input your password every time you access YouTube using the media player.
   - **Yes** – Both your user name and password are saved. You can later sign in to your account from the YouTube Login screen.

6. The **My favorites** page appears. Go to the next section for more information on this page.

**Account**

By default, the **My favorites** page displays first when you sign in to your account. These are the videos you have saved as favorites in YouTube.

---

*Note: If you have not favorited any videos, the screen displays "no content found."*
This page also contains links to your uploaded videos (Videos) and video playlists (Playlists). Press ▲ or navigate to ●, and press OK, then press ▲/▼ and OK twice to switch that selection.

**Searching for Videos**

You can search YouTube for videos of particular interest to you. The search results are based on the tags associated with uploaded videos. The media player saves your searches so you can quickly recall them.

*Note: Videos that are tagged “private” by users do not appear in search results.*

To search for videos:

1. Press ◀/▶ to select Search in the YouTube home screen, then press OK.

2. Use the navigation buttons ▲▼ ◀▶ to type a keyword related to the subject matter of the video you’re looking for using the on-screen keyboard. Select Submit, then press OK.
The video search begins (this may take a few seconds). Videos matching your search word appear in a Search result screen.

3. Use the navigation buttons to select a video from the display.
4. Press ‪ıld‬ or OK to start watching the selected video.

Go to page 164 for more information on using the YouTube Player.

To use search history:

1. Press the SEARCH 📺 button on the remote control. This toggles you to the Search History list.

2. Press ▲/▼ to select a search from the display.
3. Press OK to perform the saved search.

**Top Favorites**

These are videos tagged as favorites by the majority of YouTube users.

To access Top Favorites:

1. Press ◀/▶ to select Top Favorites in the YouTube home screen, then press OK.
2. The list of top favorite videos display. To refine this list, press ▲/▶ to select ▼, and press OK.
3. Press ▲/▼ to choose from Today, This week, or This month, then press OK.
4. Press the navigation buttons to select a video from the display, then press ‪ıld‬ or OK to start watching the selected video.
Go to page 164 for more information on using the YouTube Player.

**Featured Videos**

This video category is primarily populated with videos from YouTube’s commercial partners, but might also include select user videos that are currently popular or have been previously showcased in YouTube’s Spotlight Videos section.

To access Featured Videos:

1. Press ◀/▶ to select **Featured** in the YouTube home screen, then press **OK**.
2. Press the navigation buttons to select a video from the displayed selection.
3. Press ▶ or **OK** to start watching the selected video.

Go to page 164 for more information on using the YouTube Player.
Most Popular

These are videos deemed most popular by YouTube users.

To access Most Popular:

1. Press ▼/▲ to select Most Popular in the YouTube home screen, then press OK.
2. The list of most popular videos display. To refine this list, press ▲/▼ to select ▼, and press OK.
3. Press ▲/▼ to choose from Today, This week, or This month, then press OK.
4. Press the navigation buttons to select a video from the display, then press ▼ or OK to start watching the selected video.

Go to page 164 for more information on using the YouTube Player.

Most Viewed

These are videos most viewed by YouTube users.

To access Most Viewed:

1. Press ▼/▲ to select Most Viewed in the YouTube home screen, then press OK.
2. The list of most viewed videos display. To refine this list, press ▲/▼ to select ▼, and press OK.
3. Press ▲/▼ to choose from Today, This week, or This month, then press OK.
4. Press the navigation buttons to select a video from the display, then press ▼ or OK to start watching the selected video.

Go to page 164 for more information on using the YouTube Player.

Top Rated

These are videos with the highest ratings from YouTube users.

To access Top Rated:

1. Press ▼/▲ to select Top Rated in the YouTube home screen, then press OK.
2. The list of most viewed videos display. To refine this list, press ▲/▼ to select ▼, and press OK.
3. Press ▲/▼ to choose from Today, This week, or This month, then press OK.
4. Press the navigation buttons to select a video from the display, then press ▼ or OK to start watching the selected video.

Go to page 164 for more information on using the YouTube Player.
YouTube Options

When you select a video in any of the YouTube submenu screens described above (i.e., User > My Favorites, Search, Top Favorites, Featured Videos, Most Popular, Most Viewed, and Top Rated), pressing **Options** brings up the following screen:

- **Like or Dislike this Video** - see “Like or Dislike Videos” on page 166.
- **Add to favorites** - see “Adding Videos to Favorites” on page 166.
- **Add to playlist** - see “Adding Videos to a Playlist” on page 167.
- **Flagging** - use this option to flag a video for inappropriate content.

Preferences

Preferences allows you to choose which country’s content (videos and channels) you would like to view without changing the language of the site.

To access Preferences:

1. Press ▼/▲ to select **Preferences** in the YouTube home screen, then press **OK**.
2. **Current location** is highlighted. Press **OK**.
3. Press ▼/▲ to select a country from the list, then press **OK**.

YouTube Player

The YouTube Player layout is similar to the regular video playback screen. It displays the playback status bar and the elapsed and total playback times. Press ■► to pause and resume playback. Press ►► or ◄◄ to fast forward or reverse in 10 second increments.
YouTube Player Options

As with a regular video playback screen, you can customize the way content displays in the YouTube Player. To do this, press **Options**.

- **Like or Dislike this Video** - see “Like or Dislike Videos” on page 166.
- **Add to favorites** - see “Adding Videos to Favorites” on page 166.
- **Add to playlist** - see “Adding Videos to a Playlist” on page 167.
- **Flagging** - use this option to flag a video for inappropriate content.
- **Zoom** - To change the display's viewing scale, press ▲ / ▼ and select **Zoom & Pan**, then press **OK**. Press **OK** repeatedly until the preferred viewing scale is achieved. Press **Options** or **Back** to revert to the default viewing scale.
- **Pan** - To pan the display, press ▲ / ▼ and select **Zoom & Pan**, then press **OK**. Press the navigation buttons ▲▼◄► repeatedly until the preferred panned view displays. Press **Options** or **Back** to revert to the default viewing scale.
- **Show info** - use this option to view detailed information about the video if present.

**Related Videos**

After video playback, the Related Videos screen appears. At the top of the screen, the video rating (number of highlighted “stars”), upload date, and the number of times it has been viewed display.

This screen lists videos which might be related to recently played video by subject matter, making it easier to search for videos based on the same or similar subject.
Press the navigation buttons to select a video from the list, then press ▶ or OK to start watching the selected video.

The other options on this screen allow you to:

- Replay the recently played back video – Play Again
- Add the video to your My Favorites list – Add to Favorites
- Flag the video as having inappropriate content - Flagging
- Provide video feedback – Like or Dislike this Video
- Add the video to your My Playlists list – Add to Playlist
- Return to the last video selection page – Back to Videos

Press the navigation buttons to select an option, then press OK.

**Like or Dislike Videos**

You can rate videos on a basis of “Like” or “Dislike” during or after video playback.

![Like or Dislike Videos](image)

*Note:* You must signed in to your YouTube account to like or dislike videos. See “Signing In To Your YouTube Account” on page 158 for sign-in instructions.

1. During playback, press Options, select Like or Dislike this Video, then press OK, or select Like or Dislike this Video in the Related Videos screen.
2. Press ▼/► to select Like or Dislike, then press OK.
3. Your video rating is confirmed. Press OK to go back to the Player screen.

**Adding Videos to Favorites**

If you enjoyed a particular video or simply want to refer to it later, you can tag it as a “favorite” to add it to your My Favorites list. Once added, you can keep track of this video.

To add a video to My Favorites from the Related Videos screen:

1. On the Related Videos screen of the video you want to add as a favorite, press ▲/▼ to select Add to Playlist, then press OK.
2. Press OK at the confirmation prompt.

*Note:* You can also press Options when playing a video and select Add to favorites.
Adding Videos to a Playlist

Use this option if you enjoyed a particular video and want to add it to one of your playlists.

To add a video to My Favorites from the Related Videos screen:

1. On the Related Videos screen of the video you want to add as a favorite, press ▲/▼ to select Add to Favorites, then press OK.
2. Press ▲/▼ to select Create your playlist (to create a new playlist) or Choose your current playlist.

3. If you choose Create your playlist, enter the name of your new playlist using the on-screen keyboard. Select Submit, then press OK. If you choose Choose your current playlist, press OK.

Note: You can also press Options when playing a video and select Add video to favorites.

Deleting a YouTube Account

To delete a YouTube account from the media center:

1. Press ▲/▼ to select Users in the YouTube home screen, then press OK.
2. Press ▲/▼ to select Delete account, then press OK.
3. Press ▲/▼ to select the account you want to delete, then press OK.
4. Press ▲/▼ to select OK on the confirmation prompt, then press OK.

Restricted Video Content

Some videos on YouTube are restricted by the content owner from playback via TV-connected devices. If you attempt to play one of these videos, press OK to return to the previous screen.

Encoding Support for YouTube Worldwide

Many YouTube videos are encoded in a language other than the one you set as your media player’s system language. In some cases, this results in garbled characters in the video ID or even playback failure. If this is the case, you need to enable the encoding support for the language that is causing the error.
To set the media player’s additional encoding setting:

1. Navigate to Home | Setup menu bar.
2. Press ▲/▼ to select System, then press OK.
3. Press ▲/▼ to select Additional Encoding Support, then press OK.
4. Press ▲/▼ to select the encoding support you require, then press OK.
Live TV

Access HD-quality live shows using the Live TV menu. Availability will vary by region. For more information about Live TV services, go to: http://products.wdc.com/onlineservices/wdtvlivehub.

Live TV Display

1. Navigate to the Home | Live TV menu, then press OK.

2. The screen displays all available live TV services. The display is in grid view. Use the navigation buttons to select a live TV service, then press OK.
Games

You can access games and use the remote control to play them using the Games menu.

Games Display

1. Navigate to the Home | Games menu, then press **OK**.

2. The screen displays all available game services. The display is in grid view.

- **Funspot**—Swap gems with Rockswap, try your luck with Texas Hold’Em, or test your math skills with Sudoku – Check out Funspot on for your favorite games.

- **PlayJam**—PlayJam is your first choice for the best games on TV. From action and adventure to puzzle and word games, PlayJam has something for everyone. Play to win prizes, play against a friend or just play to climb the leaderboard - PlayJam has a global community of players already...join them!

3. Use the navigation buttons to select a game service, then press **OK**. Select **Rules** or **Help**, then press **OK** for further information, or select **New Game** or **Start** to begin.

4. Use the navigation buttons on the remote to play the game. Select **Exit** when finished.
RSS

RSS (Really Simple Syndication) provides you with a list of current news items in a brief format so you can scan headlines and choose the items that interest you most without visiting websites.

**Reading RSS Feeds**

1. Navigate to the Home | RSS menu, then press **OK**.

2. The screen displays all available RSS feeds. The display is in grid view. Use the navigation buttons to select a headline of a RSS feed that you want to read, then press **OK**.

   ![RSS Feeds](image)

   *Note: You can display your RSS feeds in a streaming ticker display on the home page. See “RSS Ticker” on page 182.*

**Adding RSS Feeds**

To add an RSS feed to the media player:

1. In the RSS main screen, navigate to the button then press **OK**.

2. Enter the URL of the RSS feed using the on-screen keyboard (see the website of the RSS feed provider for details), select Submit, then press **OK**.

3. Press **OK** again to add the RSS feed.

   ![Adding RSS Feeds](image)

   *Note: You can also add RSS feeds using the Web UI. See “RSS” on page 92.*
Setup and Advanced Features

The Setup menu lets you customize the way you use the media center and set preferences for media playback.

To select a Setup category:

1. Press **Setup**, or navigate to the Home | Setup menu and press **OK**.

2. Use the **Up/Down** arrows to select a Setup category, then press **OK**.

There are 10 Setup categories, including:

- Audio/Video Output
- Appearance
- Video settings
- Music Settings
- Photo settings
- Network settings
- Operation
- System
- Mobile Access
- About
Setup Navigation Buttons

Use these buttons on the remote control to navigate within and between the Settings screens.

<table>
<thead>
<tr>
<th>Button</th>
<th>Function</th>
</tr>
</thead>
</table>
| ▲▼ Up/Down arrows | • Select a menu  
                    • Select a menu setting in an option screen                           |
| OK              | Displays the option screen for the selected menu                         |
| OK              | Applies the selected menu setting                                       |
| Back            | Displays the previous menu screen                                        |

1. Press **OK**. A confirmation prompt appears.
2. Select **OK**, then press **OK**.
   - If you fail to select **OK** within 15 seconds, the new setting will not be applied.
   - If your entertainment unit cannot support the selected setting, no change is made and the original setting is retained.

Audio/Video Output

Use the menus in this category to configure playback for audio and video files.

Video Output

Use this menu to select a video signal. After you finish making your selections, select **OK** at the “Are you sure you want to change the video resolution?” prompt, then press **OK**.

Composite

When using the standard RCA A/V cable (yellow, red, and white connectors) to connect the media center, select **Composite** in the Video output screen.
You will be prompted to select the TV standard applicable to your device. This setting depends on your regional location.

Options include:

- **NTSC** – United States, Canada, Japan, Mexico, the Philippines, South Korea, and Taiwan.
- **PAL** – Europe, Greenland, parts of Africa and South America, the Mideast, China, India, Australia, and Indonesia

Select a regional TV standard then press **OK**.

**Component**

When using the YPbPr cable (green, blue, and yellow connectors) to connect the media center, select **Component** in the Video output screen.

You will be prompted to select the video display resolution (from 480p to 1080i). Select display resolution then press **OK**.

*Note: The further down the list the setting, the higher the resolution and clearer the picture.*

**HDMI**

When using an HDMI cable (if your TV supports HDMI resolution), select **HDMI** in the Video output screen.

You will be prompted to select the applicable HDMI video resolution (set to Auto, or from 480p to 1080p). Select display resolution then press **OK**.

*Note: The further down the list the setting, the higher the resolution and clearer the picture.*

After setting resolution, you are prompted to select color space (set to Auto, or RGB High, RGB Low, or YCbCr). Select color space then press **OK**.

**Aspect Ratio**

Use this menu to select the way videos are displayed. Options include:

- **Normal** (4:3)
- **Widescreen** (16:9)

The media center’s default setting is **Widescreen**. Make sure your TV can support widescreen resolution, or this default setting can result in a distorted video display.

**Audio Output**
Use this menu to select the audio output mode.

Options include:

**Stereo (Analog, S/PDIF, HDMI)**
This is the default setting that decodes all audio streams into 2-channel output via analog (RCA connectors), S/PDIF (optical connector), or HDMI. Recommended if you are using a 2- or 4-speaker entertainment unit.

**Digital Pass Through via Optical Only (S/PDIF)**
Select this option if you are using HDMI for video and a S/PDIF (optical) connection to output multichannel surround sound to a receiver and do not want audio output from HDMI. After selecting **Digital Pass Through via Optical Only**, select one or more of the following options that describe your receiver, then press OK after each selection. Press ► then, with the selected, press OK again.
- AAC capable receiver
- Dolby Digital capable receiver
- DTS capable receiver
- WMA Pro capable receiver

**Digital Pass Through via HDMI Only (HDMI)**
Select this option if you are only using an HDMI connection to output multichannel surround sound to a receiver. After selecting **Digital Pass Through via HDMI Only**,
select **Auto Detect** to have the media player detect receiver settings automatically.
Or, select **Manual Setup**.

**Auto Detect**

If you select Auto Detect a summary of your auto detect settings display.

Press ▶ then, with the ✓ selected, press **OK** again.

**Manual Setup**

If you select **Manual Setup**, select one or more of the following options that describe your receiver, then press **OK** after each selection. Press ▶ then, with the ✓ selected, press **OK** again.

- AAC capable receiver
- Dolby Digital capable receiver
- Dolby Digital Plus capable receiver
- DTS capable receiver
- Dolby TrueHD capable receiver
Note: Changed settings are not applicable during DVD video playback.

**Dolby Dynamic Range Control (DRC) Setting**

Use this menu to set the dynamic range control, which reduces or increases sound levels. This setting can be useful when, for example, you want to watch a movie without hearing wide volume swings between loud and quiet sounds. DRC thus enables reduced peak volume levels without loss of overall sound quality. Default setting is **On**. Options are **Off**, **Auto**, and **Max**.
Appearance

Use the menus in the Appearance screen to set user interface display options for the media center.

Language

Press ▲/▼ to select the display language, then press OK.

Screen Size Calibration

Use this menu to correct any issues with overscan (the display is cropped in the TV screen). To correct any overscan problems, calibrate the display by reducing the display size by up to 30%. The calibration settings are in 5% increments.

Note: Screen size calibration only affects the user interface. It does not affect video scaling.

User Interface Themes

The media center supports interchangeable user interfaces called themes. Themes alter the player’s visual appearance, but not its functionality.

1. Select 📚 in the user interface themes page, then press OK to access the online database for themes.
2. Select the icon corresponding to a theme and press OK.
3. The theme preview screen appears. Use the navigation buttons to View Theme or View Description, or select Apply Theme and press **OK**. The new theme is applied and the appearance of the WD TV device UI changes.

You can download the source files for the Legacy theme shown above and use it to develop your own theme file. Go to [http://www.wdc.com/wdtvthemes](http://www.wdc.com/wdtvthemes) for details.
User Interface Backgrounds

You can use this menu to set a different photo as the system background to replace the default grass field and sunny sky photo. You can choose from the WD Creative Masters backgrounds or your own backgrounds.

WD Creative Masters

WD Creative Masters includes themed albums of photos from leading photographers that you can use for your media center user interface background.

Select a WD Creative Masters album, then navigate to a photo and press OK. Press OK again to preview the background. You can choose to Set as Background or View Bio of the photographer, then press OK.
Your Backgrounds

Your Backgrounds shows the default background as well as other photos you have set as the background (see “Set as Background” on page 62). Navigate to a background photo and press OK, then press OK again to Set as Background.

Screensaver Delay

Use this menu to set the time of system inactivity before the screensaver display is enabled. The default setting is 5 minutes.

Screensaver Style

Use this menu to choose your screensaver display style. The WD Logo screensaver is the default style, but you can also choose a Random Photo Slideshow of photos stored in the media center’s internal drive or a Folder Photo Slideshow of photos from a single folder as your screensaver.

Show New Items

Use this menu to select a date range for the media files added to your content source(s) to be marked as “new.” The number of new items displays when you select Video, Music, Photo, or Files on the home screen, or New Items in the dashboard.
RSS Ticker

Set RSS Ticker to **Show** to stream your RSS feeds on the home page. Default setting is **Hide**.

---

Video Settings

Use the menus in the Video Settings screen to configure the display and sequence option for video files.
Video Playback Sequence

Use this menu to select the video playback mode. The default setting is Normal. Go to “Play Mode” on page 44 for a description of these video playback modes.

Subtitle Font Size

Use this menu to set the default font size (24 to 68 points, 40 points is default) for displaying video subtitles. Use the ▲▼ buttons to select a font size. “Subtitle font size” at the bottom of the screen reflects the font size option currently selected. Press OK to select a subtitle font size.

Subtitle Border

Use this menu to set the default appearance of the subtitle frame (Thin or Thick).

Subtitle Default

Use this menu to set the default appearance of the subtitles (On or Off).

Browser Display

Use this menu to select the default display mode for the video browser screen. The default setting is Preview View. Examples of grid, list, and preview views are shown below.
Music Settings

Use the menus in the Music settings screen to configure the display and sequence option for audio files.

Music Playback Sequence

Use this menu to select the audio playback mode. The default setting is Normal. Go to “To set the music repeat mode:” on page 56 for a description of the audio playback modes.

Audio Track Display

Use this menu to select which file information to display in the audio browser screen. The default setting is File name.

Background Music Info Panel

When turned On, a music info menu bar appears at the top of the screen when music is playing in the background.

Resume Music Longer Than 15 Min

When turned On, will prompt you to resume or restart a music file that is 15 minutes or longer.
Browser Display

Use this menu to select the default display mode for the audio browser screen. The default setting is **Grid View**. Examples of both grid and list views are shown below.

Photo Settings

Use the menus on this category to configure the display size and slideshow settings when viewing your image files.

Slideshow Sequence

Use this menu to set the slideshow sequence mode. The default setting is **Normal**.

- **Normal** – The slideshow is played once. When the last image is displayed, the previous browser screen is displayed.
- **Shuffle** – The slideshow is played in random order until you press **Stop**.
- **Repeat All** – The slideshow is played repeatedly until you press **Stop** or **Back**.
- **Repeat All and Shuffle** – The slideshow is played continuously in random order.

Slideshow Transition

Use this menu to select the method used to display the next slide in a slideshow. The default setting is **Normal**.
**Slideshow Interval Time**

Use this menu to set the time interval between pictures in the slideshow. You can select from 3 seconds (default) to 5 minutes.

**Photo Scaling**

Use this menu to define how pictures are scaled when you view them. This also applies when pictures are viewed in a slideshow. Options include:

- **Keep as original** – Maintains the original resolution of the image (default).
- **Fit to screen** – Fills as much of the display area as possible while maintaining correct image proportions.
- **Display in full screen** – Fills the display area with the image (this can lead to image distortion).

**Browser Display**

Use this menu to select how media files are displayed in their respective folders. The default setting is **Small Grid View**. Examples of both grid and list views are shown below.

---

Small Grid View

![Small Grid View](image1)

Large Grid View

![Large Grid View](image2)

List View

![List View](image3)
Network

Use the menus in this category to configure and view the media center’s network settings. Press ▲/▼ to make a selection from the list of options, then press OK.

Network Setup

Wired

1. Navigate to the Home | Setup menu bar.
2. Press ▲/▼ to select Network Settings, then press OK.
3. Press ▲/▼ to select Network Setup, then press OK.
4. Select Wired, then press OK.
5. Select a setup configuration option, then press OK.
   Select Automatic to have the device attempt to detect your network connection automatically, then go to step 10.

⚠️ Important: Manual setup is recommended for advanced users only.
6. **Manual:** Once the network is detected, the following screen appears. Press ▲/▼ to select IP address, then press **OK.**

![Network setup screen](image)

7. **Manual:** Use the navigation buttons to key in your IP address using the on-screen keyboard. Select **Submit**, then press **OK.**

![IP address input screen](image)

8. **Manual:** Repeat the step above to key in values for the subnet mask, gateway, and DNS settings.

9. **Manual:** After entering all the configuration settings, select **Finish**, then press **OK.**

10. **Automatic and Manual:** Once the network is detected, press **OK** to display the Home screen.

### Wireless

1. Navigate to the Home | Setup menu bar.
2. Press ▲/▼ to select **Network Settings**, then press **OK.**
3. Press ▲/▼ to select **Network Setup**, then press **OK.**
4. Select Wireless, then press OK.

5. Select a wireless connection method, then press OK.

Auto search, Manually enter the wireless network name, and Wi-Fi Protected Setup (WPS) - see “Wireless Network Setup” on page 70 for further instructions.

Get Windows Pairing Code (Windows 7)

You can use Windows 7 to “pair” the media player to your network as a wireless network setup option.

1. Under Wireless Network Setup, select Get Window pairing code, then press OK. A pairing code displays. Make a note of this code and start your Windows 7 computer.
2. Open a Windows Explorer window, then click **Network**.

3. Click **Add a wireless device**.

4. Click on the media player device icon, then click **Next**.

5. Enter the pairing code (see step 1), then click **Next**.
6. Select the network you want to add the media player to from the list, then click **Next**.

![Selecting a network](image)

7. Press **OK** on the remote to connect the media player to your network (see step 1).

8. Once the media player connects to the network, the following screen displays. Click **Close**.

![Success message](image)

### Previously Connected Wireless Network

This menu displays a record of your wireless network settings. After performing a wireless network setup, the media player keeps a record of the LAN access point. Use this menu to reconnect to the local network without having to rekey the password.

### Check Connection

See “Checking the Network Connection” on page 74 for information and instructions.

### Device Name

The name shown in the device name field helps you identify the media center on the network. Use this menu option to change the device name using the onscreen keyboard.
DLNA Media Server
This option is **On** by default so that other DLNA media devices on the network can see the media center. If set to **Off**, other DLNA media devices on the same network will not be able to see the media center on the network.

See specific DLNA media device user manuals for instructions on connecting a DLNA device to your local area network. Go to [http://www.dlna.org](http://www.dlna.org) for a list of DLNA-certified devices and for further information.

iTunes Server
The iTunes server is set to **Off** by default. Turning it **On** allows you to share audio files to iTunes on the same network.

Network Share Server
Must be set to **On** to use network services. See “Network Services” on page 76 for information and instructions.

Workgroup
Allows you to join a specific workgroup on your network. Windows-based computers and devices in the same workgroup may allow each other access to their files, printers, or Internet connection. Members of different workgroups on the same local area network and TCP/IP network can only access resources in workgroups to which they are joined.

To create a new workgroup, select the existing Workgroup Name then press **OK**.
Enter a new workgroup name.

Proxy
Proxy is used by corporations to view and filter online transactions. All requests in the corporate environment go through a proxy server to perform such actions as recording the IP address of a web site, checking the IP address that is being opened to make sure it's not on a blocked list, and checking outgoing attachments for spam or viruses.

If you plan to use the media server in a corporate environment, select **On**, then enter the Proxy address and port using the on-screen keyboard to access online services.

Clear Login Info for Network Share
Use this menu to clear login information (preset password) for the network share.
Operation

Use the menus in the Operation screen to set preferences for the media center.
Remote Settings

Select a function for the A, B, C, and D function buttons on the remote controller. The remote settings menu displays the functions currently assigned to each button.

To change functions, press ▲/▼ to select a function button, then press OK. Press ▲/▼ to select functions such as display mode, filter menu, Music, Video, Services, Setup, Capture Snapshot (saves screen snapshots to internal storage), etc., then press OK.

To reset the function buttons to default settings, select Reset, then press OK.

Delete Music Preset (Buttons 0-9)

To clear a music file or playlist preset from one of the 0-9 buttons, press ▲/▼ to select a numbered button. Press ► to select the X, then press OK.
Sync From USB Storage

This option allows you to turn the USB sync feature Off, Sync All Files, or Sync Supported Media Files Only. See “Step 5 - Connecting a USB Device (Optional)” on page 20.

Sync Content From A Network Shared Folder

Allows you to setup a sync process to a shared folder on your network. Any new content added to the new folder automatically syncs to the media center’s internal drive.

Auto Play

Select the type of media (music or video) that plays automatically when a USB device is connected to USB port 1 on the front of the media center. The media files must be located in the USB device’s root directory for Auto Play to function.

Note: The auto play function will only work if the USB device is plugged into USB port 1 on the front of the media center.

System

Use the menus in this category to configure the media center’s general functions. Press ▲/▼ to make a selection from the list of options, then press OK.

Set Time & Country

Use this menu to select your local time zone and turn Daylight Savings Time or 24-Hour Time Off or On so that the media center displays the current time according to your preference.

Media Library

Use this menu to enable, disable, or clear the media library (turn Off, On, or Clear Media Library). The media library consolidates the media contents of an internal hard drive, USB drive, or network drives into one database so you can locate media
files based on metadata information. See “Media Library” on page 206 for more information.

Media Library Manager for Network Share

Use this option to manually add individual share folders to the media library. Select **Add network share to media library** to connect to a Windows or Linux Share (see “Network Share” on page 78 for more info). While browsing the content inside, press **Option** to add a share folder to the Media Library. A maximum of 10 shares can be added. You can also set automatic file scanning on network shares. Choose from **During Standby Only**, **Once An Hour**, **Once A Day**, **Once A Week**, or **Once A Month**.

Get Content Info

Use this menu to set options for how you want to attach metadata (such as artwork and additional information) to your music and video files. **Manual Only** is the default setting, and you can also set this menu to **Auto**.
**Meta-Source Manager**

Use this menu to select a meta-source that provides metadata information and artwork for your media files. Select Movie, Music, or TV Show to display and select available meta-sources for the media type.

Select Add New Meta-Source and select the meta-source XML file from the network, internal drive, or attached USB storage.

**Device Security**

Use this menu to set a security password to access and control folder locking and parental control features. Select Device Security and use the navigation buttons ▲▼◄► to type in your password (you will need to enter it twice before initial use) to enable the features. The following screen displays:

From here, enter the Folder Lock, Parental Control, or Store Demo Mode menus, or Set New Password.

**Folder Lock**

Select Set Default Lock Folder to select a folder containing files you want to prevent access to. Once selected, the folder displays on the screen. Select Lock to
prevent access to the folder, **Unlock** to provide access to the folder, or **Disable** to disable the feature.

---

**Parental Control**

Parental control allows you to password protect an Internet service so the user can access it only if the correct password is entered. There are two options:

1. **Show** – default option. The service is not password protected.
2. **Ask** – the password must be entered to access the service.

---

**Store Demo Mode**

When set to **On**, this option allows settings to be changed and functions tested for demonstration purposes. After exiting store demo mode, all previous user settings are restored. When the media player is idle for 60 seconds in store demo mode, a demo video begins playing. Press **OK** to exit idle mode when this occurs.

**Additional Encoding Support**

Press ▲/▼ to select an encoding support for a secondary language, then press **OK**. This prevents garbled characters in file names and subtitles defined in the selected language.
Disk Manager

This option displays information about the media center and attached drives when you select the drive then press **OK**, including:

- Storage Type
- Free Space
- Total Size
- File System

Disk Manager also allows you to format the internal drive. Select WDTVLiveHub, then press **OK**. Select **Format**, then press **OK**.

**Important:** Reformatting the internal drive erases all its contents. If you have already saved files on the internal drive, be sure to back them up before reformating it.

Device Registration

To register your WD product using the Setup menu:

1. Make sure your media center has an active network connection.
   - Go to “Network Setup” on page 69 for instructions on how to set up a network connection.
2. Press **Setup** or navigate to the Home | Setup menu, then press **OK**.
3. Press ▲/▼ to select **System**, then press **OK**.

4. Press ▲/▼ to select **Device Registration**, then press **OK**.

5. On the Register Product screen, press ▲/▼ to select **First Name**, then press **OK**.

6. Use the navigation buttons ▲▼◄► to type in your first name using the on-screen keyboard. Select **Submit**, then press **OK**.

7. Press ▲/▼ to select **Last Name**, then press **OK**.

8. Use the navigation buttons ▲▼◄► to type in your last name using the on-screen keyboard. Select **Submit**, then press **OK**.

9. Press ▲/▼ to select **Email**, then press **OK**.

10. Use the navigation buttons ▲▼◄► to type in your email address using the on-screen keyboard. Select **Submit**, then press **OK**.

11. On the Register Product screen, press ◄► to select **OK**, and then press **OK**.

**WD LED Light Control**

Use this menu to turn off the WD LED light (**Always Off**). If turned off, the WD LED will only appear during start up then disappear after the device has booted up. The default setting is **Normal**.

**Device Reset**

Use this menu to perform device reset options:

- **Reset All Settings Back to Factory Default** – restores all media center system preferences and playback settings to their default factory values. This may correct problems caused by a failed firmware upgrade or faulty configuration settings.
**Reset All Settings Except Online Service Accounts** – restores all media center system preferences and playback settings to their default factory values with the exception of your internet Services personal account information.

**Reset All Online Service Accounts** – clears all account information and logins you have entered for Services.

**Reset Web Interface Login** – clears the user-created Web UI password and resets it to the default password. See “Using the Web UI” on page 88 for details.

**Important:** If you specified a static IP address (or any other non-standard configuration), the media center will no longer appear on the network after the reset. Also, be sure to reset the media center to factory defaults and reset all online service accounts before returning or otherwise transferring the device to purge your internet services personal account information, network shares passwords, and wireless network passwords.

Device Reset only clears user settings from the device. To clear all the data and content from the media center’s internal drive, you need to reformat the drive. See “Disk Manager” on page 199.

To perform a device reset:
1. Press ▲ / ▼ to select **Device Reset**, then press **OK**.
2. Press ▲ / ▼ to select a device reset option, then press **OK**.
3. Select **OK** in the confirmation screen, then press **OK**.

**Device Restart**

Press **OK** to restart the media center.

**Check Latest Firmware**

This menu displays the current firmware version. Press **OK** to check for new firmware.

**Auto Detect New Firmware**

Use this menu to turn the automatic detection of new firmware **On** or **Off**. See “System Firmware Upgrade” on page 208 for further details.
Mobile Access/WD Photos

Use this menu to share files on the media center with mobile devices that have the WD Photos app loaded. You can provide access for up to four mobile devices. For further information on WD Photos, go to http://wdphotos.wdc.com.

Mobile Sharing

Mobile Sharing is turned On by default, allowing access for mobile devices. Selecting Off disables access for mobile devices.

Mobile Devices

To add mobile devices:

1. Select Mobile Devices and press OK to begin adding devices.
2. Press OK to Add Mobile Device.
3. Install WD Photos on your mobile device either from the App Store or the Android Marketplace.

Note: Be sure to use WD Photos version 1.2 or later.
4. Launch WD Photos and tap **Connect Now**.

5. Tap **WD TV Live Hub**.

6. Select **Get Code** on the media center screen. Press **OK**.

7. Enter the activation code shown on the media center’s screen on your mobile device (code expires after 24 hours) then tap **Activate**.

8. Press **OK** on the media center’s remote. The device is now listed in the Mobile Devices screen. Repeat the steps above to add additional mobile devices. You can now use WD Photos on the mobile devices you’ve added.

---

**Removing a Mobile Device**

1. Navigate to a device in the Mobile Devices screen, then press ▶️ to select 🍏. Press **OK**.

2. Select **OK**, then press **OK**.
Upload Content to the Media Center

You can take a photo or video clip with your mobile device and upload it directly to the built-in hard drive on your media center.

To upload content:

1. Open WD Photos on your mobile device.
2. Tap the folder icon next to media center’s device icon.
3. Tap on an album containing the photo or video you want to upload.
4. Tap on each thumbnail of a photo or video you want to upload or tap Select All, then tap Upload.

The content you upload appears in a folder on the media center’s internal drive under Photos or Videos. The name of the folder corresponds to the name of the mobile device. For further information about WD Photos, refer to WD Photos Help or go to http://wdphotos.wdc.com.
About

Select this option to display the network info, firmware version currently installed, part number, and serial number of the device as well as online service info.

- Select **Network Info** then press **OK** to view info such as the device’s MAC and IP addresses, mobile access type, etc.
- Select **Device Info** then press **OK** to view the firmware version currently installed, part number, and serial number of the device.
- Select **Online Service Info** to view online service account info such as your Netflix ESN.
Media Library

Media Library scans and consolidates the media contents of the internal hard drive, USB drive, and network drives into a database through which you can easily locate media files. This feature is set to on by default.

The following conditions will prevent the Media Library from processing your media.

- The USB device has read-only protection.
- There is not enough hard drive space on the USB device. Your media center needs some space to cache information, so that searches and scans are faster.

A note about metadata

Metadata is information about the data in a file that describes how, when, and by whom a particular set of data (video, music, photographic, or any other type of data) was collected, and how the data is formatted.

Not all files have metadata loaded. To add and edit metadata so that Media Library can aggregate the files properly, you can use one of several tools including:

- Adobe® Bridge (part of the Adobe Creative Suite)
- abcAVI Tag Editor (freeware)
- XnView 1.93.2 (freeware)
- iTunes
- Windows Media Player

Editing Metadata

Editing metadata with iTunes:

1. Open iTunes and click the song you want to edit.
2. Open the File menu, then click **Get Info**.
   
   A window opens, showing all of the information you can edit for the song that you selected. You can edit the song’s:
   
   - Name
   - Artist
   - Year released
   - Album name
   - Composer
   - Track number
   - Genre
3. When you are done, click **OK**. To edit the next song listed in your iTunes library, click **Next**.

Editing metadata with Windows media center:

1. Open Windows media center.
2. Click the **Library** tab.
3. Right-click the title or other item to edit.
4. When the menu opens, click **Edit**.
Converting The Content Into A Usable Format

There are several fast, easy-to-use applications available online that can convert photos, videos, and music files into formats optimized for use on your media center. The software also allows simultaneous conversion of multiple files in batches regardless of their original formats.

Examining Your Files

MedialInfo (free software) can provide technical and tag information about your video or audio files.

MedialInfo provides the following kinds of information:

- General—title, author, director, album, track number, date, and duration
- Video—codec, aspect, fps, and bitrate
- Audio—codec, sample rate, channels, language, and bitrate
- Text—language of the subtitles
- Chapters—number and a list of chapters

MedialInfo supports the following formats:

- Video—MKV, OGM, AVI, DivX, WMV, QuickTime, Real, MPEG-1, MPEG-2, MPEG-4, DVD (VOB) (Codecs: DivX, XviD, MSMPEG4, ASP, H.264, AVC)
- Audio—OGG, MP3, WAV, RA, Dolby Digital Plus, AAC, M4A, AU, AIFF
- Subtitles—SRT, SSA, ASS, and SAMI

With MedialInfo, you can:

- Read many video and audio file formats
- Use several methods of viewing information, such as text, sheet, tree, and HTML
- Customise views
- Export information as text, such as CSV and HTML

To examine your files:

1. Use your browser and go to http://mediainfo.sourceforge.net.
2. Download the software and install it on your computer.
3. Follow the instructions as prompted.
System Maintenance

The system software of your media center can be upgraded to the latest release, which can improve support for media file playback and includes bug fixes and product enhancements. To ensure that you receive the latest update, we recommend registering your product at http://register.wdc.com.

This chapter describes how to upgrade the system firmware and perform simple troubleshooting. If you encounter an error message, refer to the “Common Error Messages” on page 213 for possible corrective action.

Solutions to more serious problems may require contacting your dealer or an authorized service center for assistance. For more information, refer to “WD® Service and Support” on page 2.

System Firmware Upgrade

Firmware is an important set of instructions that tells your media center how to operate, what the interactive screens look like, and how to do what you tell it to do. Upgrading the firmware is important because WD is always developing newer, faster, and more efficient ways of doing things that your media center needs to know.

Important: Make sure the media center’s AC power adapter remains connected during the firmware update. A power disruption during the update process can corrupt the system firmware. Also, make sure that you do not unplug the USB storage device if doing a manual update.

Automatic

The New Firmware menu appears in the media center’s Home screen when updated firmware becomes available, providing the option to automatically upgrade the firmware.

Note: You must have Auto Detect New Firmware set to On to automatically upgrade firmware. See “Auto Detect New Firmware” on page 201.
To update the firmware automatically:

1. Press **HOME**, then select New Firmware. Press **OK**.
2. Select **Update device** on the firmware update prompt, and then press **OK**. This restarts the system. You can also select **What’s New in This Update?** to see the changes.

3. After restarting, the system automatically enters firmware upgrade mode.

4. Once the update process finishes, the media center restarts. When the media center restarts, the new firmware loads automatically.

**Manual**

To update the firmware manually:

1. Go to [http://support.wdc.com](http://support.wdc.com) and download the latest firmware update file for the media center.
2. Click “Downloads,” then the product name (or photo). Download the WD TV Live Hub media center firmware zip file to your computer.
3. Using an unzip utility, extract the zip file contents to the root directory of a USB device connected to your computer.
4. Safely remove the USB device from the computer and attach it to the media center.
5. Connect the USB device to the media center’s USB port. If the Sync and Transfer screen appears, select **Cancel**, then press **OK**.
6. Follow steps 1-4 under “To update the firmware automatically:” on page 209.
7. If the Sync and Transfer screen appears, select **Cancel** or **OK** if you want to access video, music, or photo files on the attached USB device.
## Troubleshooting

<table>
<thead>
<tr>
<th>Problem</th>
<th>Solution</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>DISPLAY</strong></td>
<td></td>
</tr>
</tbody>
</table>
| The TV screen is blank and the media center power LED remains off. | • Make sure the TV is turned on.  
• Make sure that the power adapter and power outlet are okay.  
• Make sure that the interface cable is properly attached to the correct terminals on both the TV and the media center. |
| The TV screen is blank and the media center power LED is blinking. | • Check your TV input source selection.  
• Power cycle (turn off/on) your TV.  
• Power cycle (turn off/on) your media player.  
• If the same thing happens, contact WD Technical Support for assistance (see “WD® Service and Support” on page 2). |
| The TV screen is blank and the media center power LED is on. | • Make sure the TV is turned on.  
• Make sure that the interface cable is properly attached to the correct terminals on both the TV and the media center.  
• Press the reset switch for one second to reset to factory defaults (see “Device Reset” on page 200). Press and hold 10 seconds to toggle between NTSC and PAL. Use a fine-tipped stylus or the unfolded end of a paperclip to press the reset switch. |
| The TV screen is blinking and fuzzy. | • Make sure that the interface cable is properly attached to the correct terminal(s) on both the TV and the media center.  
• Make sure the media center power LED is on.  
• If you are using a CRT TV, navigate to the Home | Settings | System screen and:  
  - Make sure that the **Composite** option is selected as the video output.  
  - Make sure the TV system setting matches the system used in your region.  
• If you are using an LCD TV, navigate to the Home | Settings | System screen and:  
  - Make sure that the **HDMI** option is selected as the video output.  
  - Make sure that the video resolution option is set as **Auto**. |
<p>| The video display is cut off or appears in a sidebar. | Navigate to the Home | Settings | Audio/Video screen and make sure that aspect ratio is set as <strong>Normal</strong>. |</p>
<table>
<thead>
<tr>
<th>Problem</th>
<th>Solution</th>
</tr>
</thead>
<tbody>
<tr>
<td>The slideshow pictures are distorted.</td>
<td>Navigate to the Home</td>
</tr>
</tbody>
</table>

**FILES**

<table>
<thead>
<tr>
<th>Problem</th>
<th>Solution</th>
</tr>
</thead>
</table>
| File does not play. | • Verify compatibility. Refer to “Supported Formats” on page 216.  
• Use a media converter program to convert the file to a usable format. |

**AUDIO**

<table>
<thead>
<tr>
<th>Problem</th>
<th>Solution</th>
</tr>
</thead>
</table>
| There is no sound. | • Make sure the volume on the entertainment unit is not muted.  
• Navigate to the Home | Settings | System screen and make sure the correct audio output setting is enabled.  
  - If you are using the composite audio cable, the **Stereo** setting should be enabled.  
  - If you are using an S/PDIF (optical) or HDMI connection, the **Digital** setting should be enabled.  
• If you are watching a video that supports multiple audio channels, make sure that the Audio Off option is disabled. Press Options | <icon>, and then press OK repeatedly until the intended audio channel is displayed. |

**NETWORK**

<table>
<thead>
<tr>
<th>Problem</th>
<th>Solution</th>
</tr>
</thead>
<tbody>
<tr>
<td>The media center is not visible on the network.</td>
<td>• Make sure the Setup &gt; Network Settings &gt; Network Share Server option is set to <strong>On</strong>.</td>
</tr>
</tbody>
</table>

**USB DEVICE**

<table>
<thead>
<tr>
<th>Problem</th>
<th>Solution</th>
</tr>
</thead>
</table>
| The Media Library process failed. | Make sure that:  
• the USB device has no read-only protection.  
• the USB device is not using the HFS+ file system with Journaling enabled.  
• there is enough storage space on the USB device. |
| The attached USB device is not visible on the Home screen. | • The media center only supports mass USB storage mode. Make sure that the USB device is configured as a "mass storage device."  
• Make sure the USB device’s file system is supported (NTFS, FAT/FAT32, or HFS+). |

**REMOTE CONTROL**

<table>
<thead>
<tr>
<th>Problem</th>
<th>Solution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Problem</td>
<td>Solution</td>
</tr>
<tr>
<td>------------------------------------------------------------------------</td>
<td>--------------------------------------------------------------------------</td>
</tr>
<tr>
<td>The media center remote control does not work.</td>
<td>• Press only one button at a time.</td>
</tr>
<tr>
<td></td>
<td>• Make sure the batteries are properly inserted.</td>
</tr>
<tr>
<td></td>
<td>• The batteries may already be drained out. Replace batteries with new ones.</td>
</tr>
<tr>
<td></td>
<td>• Make sure that the path between the remote control and the media center is not blocked.</td>
</tr>
</tbody>
</table>

**FIRMWARE UPGRADE**

<table>
<thead>
<tr>
<th>Problem</th>
<th>Solution</th>
</tr>
</thead>
<tbody>
<tr>
<td>The firmware upgrade recovery splash screen is shown after you turned on the media center or the media center keeps rebooting to the splash screen.</td>
<td>The previous or current firmware upgrade process failed.</td>
</tr>
<tr>
<td></td>
<td>• Repeat the firmware upgrade process. Go to page 209 for instructions.</td>
</tr>
<tr>
<td></td>
<td>• If you are still unable to update the system firmware, perform a system reset. Go to page 200 for instructions.</td>
</tr>
</tbody>
</table>
# Common Error Messages

<table>
<thead>
<tr>
<th>HOME</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Hard drive cannot aggregate.</strong></td>
<td>There are different conditions under which this error message may appear. The message will specify the issue. For example, not enough space is used on the storage or a journaled file system.</td>
</tr>
<tr>
<td><strong>No storage present.</strong></td>
<td>Attach the USB device that contains your media files.</td>
</tr>
</tbody>
</table>
| **Media Library requires more storage space: [XXXMB]** | 1. Eject and disconnect the USB device from the media center.  
2. Connect the USB device to your computer and delete unnecessary files to meet the required storage space.  
3. Attach the USB device to the media center again. |
| **Please turn off journaling on the attached storage's file system for the media center to compile the media library.** | 1. Eject and disconnect the USB device from the media center.  
2. Connect the USB device to your Apple computer and disable the journaling function. Refer to the Apple Help for information.  
3. Attach the USB device to the media center again. |
| **Unable to compile media library on read-only storage.** | 1. Eject and disconnect the USB device from the media center.  
2. Connect the USB device to your computer and make sure the read-only protection is disabled.  
3. Attach the USB device to the media center again. |
| **Unable to compile media library. Please check your storage setting.** | There are two different conditions under which this error message may appear:  
1. Insufficient storage space on the drive(s).  
2. Drive is configured as “read-only.” Free up drive storage space or adjust the drive settings to resolve this error. |
| **Unrecognized storage.** | The USB device model is not supported. Use another USB device. |
| **Question XX: WD USB HDD Trouble Shooting** | This indicates a system diagnostic failure. Contact WD Technical Support for assistance. |

## CONTENT PLAYBACK

<p>| |</p>
<table>
<thead>
<tr>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>There is no media in the current folder.</strong></td>
</tr>
</tbody>
</table>
If this message appears | Perform this action
--- | ---
Unable to play the selected file. Please see the User Manual for a list of supported file formats. | 1. Eject and disconnect the USB device from the media center or map a drive to the media center while the file is located.
2. Connect the USB device to your computer or check the file on the media center’s internal drive and make sure the file format is correct/supported (see “Supported Formats” on page 216).
3. Attach the USB device to the media center again if necessary.

FAQs

How do I find media files and create playlists?

Several media center applications are currently available, such as Winamp and iTunes, that let you play, arrange, and edit media files. These media centers also let you create playlists and edit the metadata information for media files. You can search the Internet with your browser to locate where these applications are available for download.

How do I copy the files from my music CD to my computer?

Digital audio extraction, or Ripping, is the process of copying audio (or video) content to a hard drive, typically from removable media, such as CDs or DVDs, or from media streams.

To rip music from CDs to a computer:

1. Insert the CD into the optical drive of your computer.
2. Open the program that you use to rip the music to your computer, such as iTunes or Windows Media Player.
3. Press the **Import** button (using iTunes),
   - OR -
   Press the **Rip** button (using Windows media center).
4. Click the music you want to copy (Windows media center) and note where the music files are saved after they are copied. iTunes imports the entire CD into your iTunes music library.
5. Click the **Start Rip** button (Windows Media Player).
6. When ripping is complete, remove the CD. The music is now on your computer.

   **Note:** Some music may be covered by copyright laws which prevent its copying or distribution.

Can I use a universal remote control with the media center?

You can use most popular universal remote control devices such as the Logitech Harmony models.
Appendix

Multiformat Content Playback

Multiformat is a file type that groups other files of the same digital content but may be encoded in different digital formats. For example, a single video file may actually include a few components such as video, audio, and photo grouped together. The media center is capable of playing several different types of multiformat files. For a detailed list of supported formats, refer to “Supported Formats” on page 216.

<table>
<thead>
<tr>
<th>Audio codec</th>
<th>Audio container</th>
<th>Video codec</th>
<th>Video container</th>
<th>Photo</th>
<th>Subtitle*</th>
<th>Playlist</th>
</tr>
</thead>
<tbody>
<tr>
<td>MP3</td>
<td>AIFF</td>
<td>MPEG 1</td>
<td>AVI</td>
<td>GIF</td>
<td>AAS</td>
<td>PLS</td>
</tr>
<tr>
<td>MP2</td>
<td>MKA</td>
<td>MPEG 2</td>
<td>VOB/ISO</td>
<td>BMP</td>
<td>Vobsub (with IDX)</td>
<td>WPL</td>
</tr>
<tr>
<td>WAV/PCM/LPCM</td>
<td>OGG</td>
<td>MPEG 4</td>
<td>ASF/WMV</td>
<td>JPEG</td>
<td>PGS</td>
<td>M3U</td>
</tr>
<tr>
<td></td>
<td>WMA</td>
<td>(ASP, AVC HD/H.264)</td>
<td>DVR-MS</td>
<td>TIF/TIFF***</td>
<td>MKV (with embedded subtitle)</td>
<td></td>
</tr>
<tr>
<td>Dolby Digital**</td>
<td></td>
<td>VC-1</td>
<td>MKV</td>
<td>PNG</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dolby Digital Plus</td>
<td></td>
<td>WMV9</td>
<td>MOV</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dolby TrueHD</td>
<td></td>
<td>Xvid</td>
<td>DAT (VCD/SVCD)</td>
<td></td>
<td>SMI</td>
<td></td>
</tr>
<tr>
<td>FLAC</td>
<td></td>
<td></td>
<td>tp, ts, m2t/ m2ts</td>
<td></td>
<td>SRT</td>
<td></td>
</tr>
<tr>
<td>WMA/ WMA Pro</td>
<td></td>
<td></td>
<td>FLV</td>
<td></td>
<td>SSA</td>
<td></td>
</tr>
<tr>
<td>AAC</td>
<td></td>
<td></td>
<td>OGM</td>
<td></td>
<td>SUB (SubViewer 1)</td>
<td></td>
</tr>
<tr>
<td>DTS****</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>SUB (SubViewer 2)</td>
<td></td>
</tr>
<tr>
<td>OGG</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>TXT (MicroDVD, SubRip, SubViewer 1, SubViewer 2)</td>
<td></td>
</tr>
<tr>
<td>Vorbis</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AC3</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>APE</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*To convert subtitle files encoded in a different format, open the file with Notepad and do a Save As with the following parameters: File Type—All Files and Encoding—UTF-8.

**2-channel only. 2+channel signal is sent via digital pass through to a receiver. Manufactured under license from Dolby Laboratories. “Dolby” and the double-D symbol are trademarks of Dolby Laboratories.

***Single layer only.

****Manufactured under license under U.S. Patent #’s: 5,451,942; 5,956,674; 5,974,380; 5,978,762; 6,487,535 & other U.S. and worldwide patents issued & pending. DTS is a registered trademark & the DTS logos and Symbol are trademarks of DTS, Inc.
## Supported Formats

<table>
<thead>
<tr>
<th>Filename extension</th>
<th>Codec</th>
<th>Format/container</th>
</tr>
</thead>
<tbody>
<tr>
<td>.3g2/.3gp/.mov/.mp4</td>
<td>Video: AVC, MPEG/4, Audio: AAC, AC3, MPEG Audio</td>
<td>QuickTime</td>
</tr>
<tr>
<td>.asf/.wmv</td>
<td>Video: DivX3, WMV3, Audio: WMA2, WMA3</td>
<td>ASF</td>
</tr>
<tr>
<td>.avi/.divx</td>
<td>Video: AVC, DivX (3/4/5/6), MPEG4, M-JPEG (422), WMV3, WVC1 (VC1), Xvid, Audio: AAC, AC3, ADPCM, DTS, PCM, MPEG Audio</td>
<td>AVI</td>
</tr>
<tr>
<td>.dat</td>
<td>Video: MPEG1, Audio: MPEG Audio</td>
<td>CDXA</td>
</tr>
<tr>
<td>.dvr-ms</td>
<td>Video: MPEG2, Audio: AC3, MPEG Audio</td>
<td>ASF</td>
</tr>
<tr>
<td>.flv</td>
<td>Video: AVC, Audio: AAC, MP3</td>
<td>FLV</td>
</tr>
</tbody>
</table>
### Filename extension

<table>
<thead>
<tr>
<th>Codec</th>
<th>Format/container</th>
</tr>
</thead>
<tbody>
<tr>
<td>Video:</td>
<td>MPEG TS</td>
</tr>
<tr>
<td>AVC</td>
<td></td>
</tr>
<tr>
<td>MPEG1/2/4</td>
<td></td>
</tr>
<tr>
<td>Audio:</td>
<td></td>
</tr>
<tr>
<td>AC3</td>
<td></td>
</tr>
<tr>
<td>Dolby Digital Plus</td>
<td></td>
</tr>
<tr>
<td>Dolby TrueHD</td>
<td></td>
</tr>
<tr>
<td>DTS HD</td>
<td></td>
</tr>
<tr>
<td>MPEG Audio</td>
<td></td>
</tr>
<tr>
<td>PCM</td>
<td></td>
</tr>
</tbody>
</table>

| Video:      | MPEG PS/MPEG TS |
| MPEG1/2    |                  |
| Audio:      |                  |
| AC3         |                  |
| MPEG Audio  |                  |
| PCM         |                  |
| DTS         |                  |

| Audio:      |                  |
| MPEG Audio  |                  |
| PCM         |                  |
| DTS         |                  |
| FLAC        |                  |

### Video notes:
1. MPEG-2 Max (MP@HL 1920x1080p30 or 1280x720p60), bit rate (SD:20, HD:40).
2. MPEG4.2 Max (ASP@L5 1920x1080p30 or 1280x720p60), bit rate (SD:20, HD:40).
3. EG-4.10 (H.264) Max (BP@L3.0 720x480p30 or 720x576p25, MP@L4.1 and HP@L4.1 1920x1080p30 or 1280x720p60), bit rate (SD:20, HD:40).
4. SMPTE 421M (VC-1) Max (AP@L3 and MP@HL 1920x1080p30 or 1280x720p60), bit rate (SD:20, HD:40).
5. WMV9 Max (MP@HL 1920x1080p30 or 1280x720p60), bit rate (SD:20, HD:40). Does not support WMV7 and WMV8. Does not support Screen, Image and Image Version 2 profiles.
6. AVS Mac (Jizhun@L6.0 1920x1080p30 or 1280x720p60), bit rate (SD:20, HD:40).
7. AVC does not support ‘High10.’

### File

<table>
<thead>
<tr>
<th>Codec</th>
<th>Format/container</th>
</tr>
</thead>
<tbody>
<tr>
<td>MP1/2/3/a</td>
<td>MPEG audio</td>
</tr>
<tr>
<td>AAC</td>
<td>MPEG 2/4 AAC LC/HE</td>
</tr>
<tr>
<td></td>
<td>1. ADTS</td>
</tr>
<tr>
<td></td>
<td>2. ADIF</td>
</tr>
<tr>
<td>M4A/MP4A</td>
<td>MPEG 2/4 AAC LC/HE</td>
</tr>
<tr>
<td></td>
<td>Quicktime</td>
</tr>
</tbody>
</table>

---

An audio receiver is required for multi-channel surround sound digital output.
## AUDIO

<table>
<thead>
<tr>
<th>File</th>
<th>Codec</th>
<th>Format/container</th>
</tr>
</thead>
<tbody>
<tr>
<td>FLAC</td>
<td>FLAC</td>
<td>FLAC</td>
</tr>
<tr>
<td>WAV</td>
<td>PCM (Microsoft®)</td>
<td>WAVE</td>
</tr>
<tr>
<td>LPCM/PCM</td>
<td>PCM</td>
<td>None</td>
</tr>
<tr>
<td>OGG</td>
<td>OGG VORBIS</td>
<td>OGG</td>
</tr>
<tr>
<td>WMA</td>
<td>WMA</td>
<td>ASF</td>
</tr>
<tr>
<td>AIF/AIFF</td>
<td>PCM</td>
<td>AIFF</td>
</tr>
<tr>
<td>MKA</td>
<td>1. MPEG audio&lt;br&gt;2. MPEG 2/4 AAC LC/HE&lt;br&gt;3. PCM (Microsoft)</td>
<td>MATROSKA</td>
</tr>
<tr>
<td>Dolby Digital/Dolby Digital Plus</td>
<td>Dolby Digital/Dolby Digital Plus</td>
<td>None</td>
</tr>
<tr>
<td>DTS</td>
<td>DTS</td>
<td>None</td>
</tr>
</tbody>
</table>

An audio receiver is required for multi-channel surround sound digital output.

## PHOTOS

<table>
<thead>
<tr>
<th>Type</th>
<th>File name</th>
<th>Codec</th>
<th>Resolution</th>
<th>Other limitation</th>
</tr>
</thead>
<tbody>
<tr>
<td>BMP</td>
<td>bmp</td>
<td>Uncompressed (most common)</td>
<td>2048x2048</td>
<td>Not available</td>
</tr>
<tr>
<td>TIFF</td>
<td>tif/tiff</td>
<td>Uncompressed 24-bit RGB (most common)</td>
<td>2048x2048</td>
<td>Multi-page not supported, only shows 1st page</td>
</tr>
<tr>
<td></td>
<td></td>
<td>LZW (loss less)</td>
<td>2048x2048</td>
<td>Multi-page not supported, only shows 1st page</td>
</tr>
<tr>
<td>PNG</td>
<td>png</td>
<td>DEFLATE (loss less)</td>
<td>2048x2048</td>
<td>Not available</td>
</tr>
<tr>
<td>GIF</td>
<td>gif</td>
<td>LZW (loss less)</td>
<td>2048x2048</td>
<td>For animation, only supports 1st page</td>
</tr>
<tr>
<td>JPEG</td>
<td>jpeg/jpg</td>
<td>JPEG (lossy) (most common)</td>
<td>4096x4096</td>
<td>CMYK not supported</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Progressive</td>
<td>1280x720</td>
<td>Not available</td>
</tr>
</tbody>
</table>

Compressed RGB JPEG formats only and progressive JPEG up to 2048. Single layer TIFF files only. Uncompressed BMP only. Not available indicates that no other limitations are known at this time.
<table>
<thead>
<tr>
<th>Filename extension</th>
<th>Support</th>
<th>Limitation</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>MUSIC</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>mp3</td>
<td>Yes</td>
<td>Thumbnail in the id3 tag (“APIC” or “PIC” tag)</td>
</tr>
<tr>
<td>wma</td>
<td>Yes</td>
<td>Thumbnail in the asf format (“WM/Picture” in the extended info)</td>
</tr>
<tr>
<td>m4a</td>
<td>Yes</td>
<td>Thumbnail in the quicktime format (“moov/udta/meta/ilst/covr”)</td>
</tr>
<tr>
<td>mp4a</td>
<td>Yes</td>
<td>Thumbnail in the quicktime format (“moov/udta/meta/ilst/covr”)</td>
</tr>
<tr>
<td>flac</td>
<td>Yes</td>
<td>Thumbnail in the flac format</td>
</tr>
<tr>
<td>asf</td>
<td>Yes</td>
<td>Thumbnail in the asf format (“WM/Picture” in the extended info)</td>
</tr>
<tr>
<td>wmv</td>
<td>Yes</td>
<td>Thumbnail in the asf format (“WM/Picture” in the extended info)</td>
</tr>
<tr>
<td>mp4</td>
<td>Yes</td>
<td>Thumbnail in the quicktime format (“moov/udta/meta/ilst/covr”)</td>
</tr>
<tr>
<td>jpg</td>
<td>Yes</td>
<td>Thumbnail in the exif</td>
</tr>
<tr>
<td>jpe</td>
<td>Yes</td>
<td>Thumbnail in the exif</td>
</tr>
<tr>
<td>tiff</td>
<td>Yes</td>
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</tr>
<tr>
<td>tif</td>
<td>Yes</td>
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</tr>
<tr>
<td>jpeg</td>
<td>Yes</td>
<td>Thumbnail in the exif</td>
</tr>
</tbody>
</table>

Only supports ID3 and EXIF format have thumbnail.
Regulatory Compliance

FCC Class B Information

This equipment has been tested and found to comply with the limits for a Class B digital device pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the manufacturer's instruction manual, may cause interference with radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, you are encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the retailer or an experienced radio/television technician for help.

ICES-003/NMB-003 Statement

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

This device complies with Canadian ICES-003 Class B.

Safety Compliance


Approuvé pour les Etats-Unis et le Canada. CAN/CSA-C22.2 No. 60065:03, UL-60065 7th Ed. Appareils audio, vidéo et appareils électroniques analogues - Exigences de sécurité.

This device is only for use with the compatible UL Listed AC adapter.

Cet appareil n’est destiné qu’a` des adaptateur compatibles marqués “UL Listed.”

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Marking by the CE symbol indicates compliance of this system to the applicable Council Directives of the European Union, including the EMC Directive (2004/108/EC) and the Low Voltage Directive (2006/95/EC). A “Declaration of Conformity” in accordance with the applicable directives has been made and is on file at Western Digital Europe.


I marchi con il simbolo CE denotano la conformità di questo sistema alle directive del Consiglio dell'Unione europea, ivi compresa la Direttiva EMC (2004/108/CE) e la Direttiva Bassa Tensione (2006/95/CE). In adempimento con le vigenti direttive è stata rilasciata una "Dichiarazione di conformità", depositata presso Western Digital Europe.

La marca con el símbolo CE indica el cumplimiento de este sistema con las correspondientes directivas del Consejo de la Unión Europea, que incluye la Directiva CEM (2004/108/CE) y la Directiva de bajo voltaje (2006/95/CE). Se ha realizado una "Declaración de conformidad" de acuerdo con las directivas correspondientes y se encuentra documentada en las instalaciones de Western Digital en Europa.


Environmental Compliance (China)

<table>
<thead>
<tr>
<th>Part Name</th>
<th>Toxic or Hazardous Substances or Elements</th>
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</thead>
<tbody>
<tr>
<td>Chassis/Housing</td>
<td>X O O O O O O O O</td>
</tr>
<tr>
<td>Board/PCBA</td>
<td>X O O O O O O O O</td>
</tr>
<tr>
<td>Storage Device (HDD,ODD,FDD,DIMM...)</td>
<td>X O O O O O O O O</td>
</tr>
<tr>
<td>Adapter / Power Supply</td>
<td>X O O O O O O O O</td>
</tr>
<tr>
<td>Fan</td>
<td>X O O O O O O O</td>
</tr>
<tr>
<td>Mechanical-Electrical parts</td>
<td>X O O O O O O</td>
</tr>
<tr>
<td>Battery</td>
<td>X O O O O O O</td>
</tr>
<tr>
<td>Remote controller</td>
<td>X O O O O O O</td>
</tr>
</tbody>
</table>

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(在此表中，企业可能需要根据实际情况对标识“X”的项目进行进一步的技术性解释。)

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If you wish to make a claim, you should initially contact the dealer from whom you originally purchased the Product. If you are unable to contact the dealer from whom you originally purchased the Product, please visit our product support Web site at http://support.wdc.com for information on how to obtain service or a Return
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**libvorbis**

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zlib
http://www.zlib.net/
zlib.h -- interface of the 'zlib' general purpose compression library version 1.2.3, July 18th, 2005

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Index

A
Accessories 3
AccuWeather.com 96
advanced features 172
aspect ratio
    normal 174
    troubleshooting 210
    widescreen 174
audio channel 45
audio lip sync 45
audio output 174
audio/video
    autosource function 6
    supported interfaces 6
Audio/Video menus
    aspect ratio 174
    audio output 174
    video output 173
auto play function 195
autosource function 6

top charts 103
digital camera support 60
disk manager 199
display troubleshooting 210
DLNA media server 192
Dolby
    dynamic range control setting 177
DRC 177
dynamic range control setting 177

E
Eject function
    button 23, 24
    procedure 21
encoding support 198
environmental compliance (China) 222
error messages 213

F
Facebook
    friends 106
    newsfeed 106
    notifications 104
    photos 104
    photos options 105
    sign out 108
    signing in 104
    videos 106
    videos options 107
    videos player 107
    wall 106
features 6
    AV interfaces 6
    menus 6
    supported file formats 215
    supported file systems 7
    USB support 7
file formats
    image 58
    playlist 215
    subtitle 215
    troubleshooting 214
file system
    supported 7
    troubleshooting 213
Files
    options 68
    sorting 67
view 67
firmware
  auto detect new 201
  check latest 201
firmware upgrade
  procedure 208
  troubleshooting 212
Flickr 109
  exit 115
  exploring for contents 109
  my contacts 112
  my tags 113
  photostream 114
  player 114
  searching for a member 112
  searching for contents 110
Flixster 116
  folder lock 197
  folder sharing 80
    Mac 86
    Windows 7 81
    Windows Vista 84
    Windows XP 86
folder view
  music 51
  photos 59
  videos 37

G
Games 169, 170
GNU general public license 224
GPL software 224

H
HD media player
  error messages 213
HDMI
  connection 13
  connectors 7
Home
  button 22, 24
  error messages 213
Music 50
  overview 26
Photos 58
  screen navigation 27
Setup 172
Videos 36
Home Theater
  connection 16

I
I/O connectors
  composite AV 7
  HDMI 7
  Toslink 7
  USB ports 7
information panel
  music 55
  photo 65
  videos 47
installation
  composite AV connection 15
  HDMI connection 13, 16
  power connection 11, 13, 14, 15
  procedures 11
  requirements 10
  USB connection 20
iTunes server 192

K
keyboard 34

L
language setup 178
LED indicators 8
  power 8
LED light control 200
Linux 79
Live TV 169
Live365 117
  adding a station to your preset list 122
  exit 123
  getting track information 123
  listening 119
  providing song feedback 123
  removing a station from your preset list 122
  searching 121
  sign in 117
  signing out 123
local storage 77
locating media content
  manual search 31
  Search function 32

M
maintenance
  system 208
media library
  clear 30
  exemptions 206
| media library compilation categories | 30 |
| enable | 30 |
| error messages | 213 |
| exemptions | 30 |
| overview | 29, 206 |
| media server | 78, 80 |
| menus overview | 6 |
| metadata | 197 |
| meta-source manager | 197 |
| MLB.TV | 124 |
| Music |
| audio track display | 184 |
| auto play | 195 |
| background music info panel | 184 |
| browser display | 185 |
| folder view | 51 |
| media library compilation categories | 30 |
| menu options | 52 |
| playback controls | 54 |
| playback options | 55 |
| playback procedures | 50 |
| playback screen | 55 |
| playback sequence setting | 184 |
| settings | 184 |
| shuffle mode | 57 |
| sort & filter | 51 |
| supported formats | 215 |
| use in slideshow | 65 |
| my media library | 77 |
| N |
| navigation buttons | 22, 24 |
| Netflix | 128 |
| existing membership | 128 |
| navigation | 128 |
| new membership | 128 |
| network services |
| folder sharing | 80 |
| Web UI | 88 |
| Network settings |
| check connection | 191 |
| clear login info for network share | 192 |
| device name | 191 |
| DLNA media server | 192 |
| iTunes server | 192 |
| network setup | 187 |
| network share server | 192 |
| previously connected wireless network | 191 |
| proxy | 192 |
| workgroup | 192 |
| Network setup |
| Ethernet | 69 |
| wireless | 70 |
| network share | 78 |
| network share (Linux) | 79 |
| network share (NFS) | 79 |
| NFS | 79 |
| NTSC | 174 |
| O |
| on-screen keyboard | 34 |
| operating precautions | 1 |
| operating system requirements | 10 |
| Operation |
| auto play | 195 |
| sync from network folder | 195 |
| synchronize from USB storage | 195 |
| P |
| package contents | 10 |
| PAL | 174 |
| Pandora | 129 |
| bookmarking a song or artist | 134 |
| providing song feedback | 133 |
| QuickMix | 133 |
| signing in | 130 |
| stations | 131 |
| why a song is in my station's playlist | 134 |
| parental control | 198 |
| Photo settings |
| photo scaling | 186 |
| slideshow interval time | 186 |
| slideshow sequence | 185 |
| slideshow transition | 185 |
| Photos |
| browser display | 186 |
| large grid view | 186 |
| list mode | 185 |
| list view | 186 |
| small grid view | 186 |
| thumbnail mode | 185 |
| digital camera support | 60 |
| display options | 63 |
| folder view | 59 |
| information panel | 65 |
| media library compilation categories | 31 |
| menu options | 61 |
| pan options | 63 |
| rotate | 63 |
set as background 62
sort & filter 59
supported formats 215
view 58
zoom options 63
Picasa 135
deleting an account 141
display options 140
featured 141
menu options 139
My Photos 138
people I’m following 141
recent 141
searching for content 137
video player 141
Play To 6
playlist
supported formats 215
videos, playback 37, 51
power
AC connector 7
cable connection 11
global AC adapter configurations 11
LED indicator 8
power button 22, 24
turn on 13, 14, 15
power button 8
product
accessories 3
obtaining service 222
overview 4
recording information 3
registration 3
regulatory compliance 220
safety information 1
warranty 222, 223
register your media center 199
regulatory compliance 220
environmental compliance (China) 222
remote control 9
remote controller 9
buttons and functions 22
delete music preset 194
layout 9
settings 194
troubleshooting 211
virtual 89
Web UI 89
repeat mode
music 56
reset switch 7
reset to factory defaults 200
restart device 201
RoHS 222
RSS
adding feeds 171
reading feeds 171
Web UI 92
RSS ticker 182
S
Samba 78
screensaver
delay 181
style 181
Search function
button 22, 24
procedure 32
security 197
folder lock 197
parental control 198
store demo mode 198
select content source
local storage 77
login 80
media server 78, 80
my media library 77
network share 78
network share (Linux) 79
network share (NFS) 79
Services
add to Favorites 95
settings
apply new values 173
Audio/Video menu 173
network 187
System menu 187
Setup 172
About 205
additional encoding support 198
appearance 178
audio/video output 173
auto detect new firmware 201
background 180
check latest firmware 201
device registration 199
device restart 201
device security 197
disk manager 199
get content info 196
language 178
LED light control 200
media library 195
meta-source manager 197
mobile access 202
music settings 184
navigation buttons 173
photo settings 185
remote controller settings 194
reset to factory defaults 200
RSS ticker 182
screen size calibration 178
screensaver delay 181
screensaver style 181
select time zone 195
setup menu bar 172
setup screen navigation 173
theme 178
video settings 182
setup 172
shared folder 79
shares
  Windows 78
Shoutcast Radio 142
  about 145
    adding a station to your favorites list 143
    assigning a preset button to a station 144
    listening 142
    listening to a station in your favorites list 144
    removing a station from your preset list 145
    searching 143
top radios 145
slideshow
  interval time 186
  music background 65
  playback controls 66
  sequence setting 185
  shuffle and repeat 185
  transition 185
  troubleshooting 211
  view 65
Software, GPL 224
Spotify 146
  adding a track to a playlist 148
  browse album artist 149
  collaborate on a playlist 149
delete account 152
inbox 151
people 147, 151
play mode 149
radios 151
searching 147
share 150
third party licenses 224
top lists 151
what’s new 151
store demo mode 198
subtitle
  adjust 44
  border setting 183
  default setting 183
  enable 43
  font size setting 183
  supported formats 215
sync
  from network folder 195
  from USB storage 195
system compatibility 10
system reset
  service accounts 200
  system 200
T
temperature display 97
time
  setting 195
Toslink
  connectors 7
troubleshooting 210
  audio 211
  content playback 213
  display 210
  error messages 213
  firmware upgrade 212
  media library compilation 213
  remote control 211
  USB device 211
TuneIn 153
  adding a station to your preset list 155
  getting station information 156
  listening 154
  listening to a station in your preset list 155
  removing a station from your preset list 155
index – 234
reporting problems 156
searching 154
sign in 153
signing out 157
TwonkyMedia 90

U
USB device
connection 20
disconnection 21
Eject button 23, 24
error messages 213
media library 206
media library compilation 29
removal 21
supported devices 7
troubleshooting 211
USB ports 7

V
Video
menu options 38
video output
component 174
composite 173
Video settings
browser display 183
subtitle border 183
subtitle default 183
subtitle font size 183
video sequence 183
Videos
aspect ratio 174
audio channel 45
audio lip sync 45
auto play 195
browser display
gallery view 183
large grid view 183
list view 183
preview view 183
small grid view 183
DVD navigation 48
folder view 37
information panel 47
media library compilation categories 31
pan options 45
playback controls 42
playback options 43
playback procedures 36
screen size calibration 178
settings 182
sort & filter 37
subtitles 43
supported formats 215
video output setting 173
view chapter 43
zoom options 45
videos
supported resolutions 7

W
warranty information 222
Australia/New Zealand 223
WD Link 18
WD Photos 202
upload content 204
weather 96
change temperature display 97
Web UI 88
launching 88
logout 92
RSS 92
status bar 92
support 92
system 89
TwonkyMedia 90
widescreen setup 174
Windows
shares 78
Windows 7
Play To 6
Windows pairing code 189
wireless network profiles 191
wireless network setup 70
get Windows pairing code 189

Y
YouTube 158
adding videos to a playlist 167
adding videos to favorites 166
deleting an account from the media player 167
encoding support 167
featured videos 162
like or dislike videos 166
most popular 163
most viewed 163
my account 136, 159
options 164
player 164
preferences 164
related videos 165
restricted video content 167
search history 138, 161
searching for videos 160
signing in 135, 158
top favorites 161
top rated 163

Z
zoom options
photos 63
videos 45