



WD TV™ HD Media Player Firmware Release Notes

These release notes provide information on the latest posting of firmware for the WD TV HD Media Player. This particular firmware updates the user interface as well as improves your media player's functionality and capabilities. This firmware update will further enhance the performance, reliability, and stability of the product.

These release notes provide information on the following:

- *Version 1.03.01*
- *Version 1.02.07*
- *Version 1.02.00*
- *Version 1.01.02*
- *Version 1.01.01*
- *Firmware Installation Procedure*



Version 1.03.01:

New Features:

- Added support for video playlists functions which were limited to music files only
- Added support for the drive lock function on the new My Passport™ and My Book® external storage devices

Resolved Issues:

- Resolved the language displayed as OFF when English was selected
- Resolved the “Contains” button displayed as "ContainsWWW" in the search function
- Resolved MKV audio which was out of sync with the video
- Resolved slow rendering of Greek subtitles in Greek character encoding mode
- Resolved disappearance of Korean subtitle during video playback
- Resolved missing characters from the Greek subtitle font
- Resolved playback issues with VC-1 codec in an MKV container
- Resolved gain being applied to audio output that resulted in signal clipping
- Resolved playlists playing audio tracks in alphabetical order by playing them in track order
- Resolved the appearance of tracks in alphabetical order by displaying them in track order
- Resolved the spacing issue seen in Korean subtitles during video playback



Version 1.02.07:

New Features:

- Added subtitle default ON or OFF toggle which resolved the previously embedded subtitles that were OFF by default and external subtitles ON by default.
- Added subtitle thickness selection of “Thick” or “Thin” to improve the viewing experience when the subtitles are viewed against a light colored background
- Added spin down function for USB drives when the device is powered down which enhanced the previous limitation of spinning down only when a drive was ejected



Version 1.02.00:

New Features:

- Added language support for subtitles; previously “Subtitle: 1/3” was displayed, the language is now displayed when available for example: (English 1/3, French 2/3, etc...)
- Added UTF-16 support for subtitles.
- Improved support for thumbnail view functions as outlined below:
Note: All thumbnails must be in .JPG format and only .MP3 and .MP4 support embedded .JPG. Thumbnails are not available in list view.

For Folder Thumbnails:

Music:

1. Display folder.JPG (the image file must be named “folder.JPG” or thumbnail will not function)
2. If no folder.JPG file is found, display the first album art image (.MP3 with embedded..JPG)
3. If no album art is available, display the first .JPG in the folder

Photo:

1. Display folder.JPG
2. If no folder.JPG file is found, display the first photo in the folder

Video:

1. Display folder.JPG
2. If no folder.JPG file is found, display the first cover art (.MP4 with embedded .JPG)
3. If no cover art is available, display the first photo in the same folder as the video to be played

For File Thumbnails:

Music:

1. Display album art (.MP3 file with embedded .JPG)
2. 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:

1. Display thumbnail

Video:

1. Display .MP4 with embedded .JPG
2. Display image file associated with the video file to be played (for example video.mkv will be associated with video.JPG)

- Added "Back" button functionality when asked if you want to resume video playback; previously only “OK” and “Cancel” were available



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- Added Turkish language subtitle support
 - Added .MOD file extension support
 - Added support for FLAC audio in .MKV; previously FLAC audio was shown as an unsupported audio format
 - Added file size display in MB and GB; previously file size displayed in KB only
 - Added function for user to turn file size display on and off; previously this function was not user selectable
 - Added info bar display toggle by pressing “Enter” on remote control during video playback
 - Added user-selectable thumbnail / list display option in Video; previously it was a universal setting
 - Added user-selectable thumbnail / list display option in Photos; previously it was a universal setting
 - Added user-selectable thumbnail / list display option in Music; previously it was a universal setting
 - Added .TRP file extension support
 - Added language display for the audio track; previously “Audio: 1/3” was displayed; now the name of the language is displayed when available within the file where multiple language audio tracks are present for example: (English 1/3, French 2/3, etc...)
 - Added support for VC-1 in .MKV
 - Added a page up and page down function in file list view using the ‘Next’ and ‘Prev’ buttons on the remote control; previously only up and down arrows were used to navigate the list of files

Resolved Issues:

- Resolved issue when playing 23.976 FPS video files in 1080p24Hz; previously the playback was choppy
- Resolved HDMI signal issues with Sharp LC-32GA5T televisions; previously the signal would randomly cut out
- Resolved line offset issue with subtitles where multiple lines are displayed; previously one line would be off center
- Improved synchronization between video files and external subtitles



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- Resolved issue with Cyrillic text in filenames; previously the Cyrillic text was subscripted
 - Resolved issues with audio in videos created by some digital cameras; previously the audio was distorted
 - Resolved issue with embedded subtitles in .MKV files; previously the words were getting split between two lines
 - Changed default boot up menu cursor location to Video; previously the cursor defaulted to Photos



Version 1.01.02:

Resolved Issues:

- Resolved the issue surrounding updating the firmware from a large (500GB or larger) drive, previously the WD TV HD media player would not recognize the updated firmware on a large drive

Known Issues:

- When image is rotated 90 degrees there is some elongation in the rotated view
- If the user unsafely removes an HFS+ formatted drive from the media player without using the Eject button, the drive will become read only media



Version 1.01.01:

New Features:

- Added .MKV chapter selection for video playback for MKV with chapter support
- Added .MTS file extension support
- Added .TP file extension support
- Added .TS file extension support
- Added 1080p 24hz support
- Added disk volume name to folder navigation in list mode
- Added EXIF orientation flag functionality for auto picture rotate
- Added file size in filename
- Added jump feature to the remote: While fast forwarding or reversing, if the “Next” or “Prev” buttons are pressed, video will jump 10 minutes in the respective direction
- Added progress indicator for the duration of the FF or REV function
- Added a blinking status LED behavior while drive is mounting; previously the light just stayed on
- Added sequential .M2TS file playback function
- Added additional subtitle support (SMI, SUB, ASS, SSA)
- Added user selectable font size for subtitle support
- Added song title scroll in music playback to prevent truncation
- Added embedded subtitle display in .MKV files
- Added additional subtitle encoding support for the following: Western Europe (ISO), Traditional Chinese (Big5), Simplified Chinese (GB18030), Japanese (Shift-JIS), Korean (EUC-KR), Cyrillic (Windows-1251), Cyrillic (KOI8-R), Greek (ISO); previously only UTF-8 was supported
- Added display sizing menu for photo playback: Fit to Screen, Full Screen, Keep as Original
- Added accelerating scroll speed based on how long the arrow is held down on the remote when navigating folders with a large number of files; previously only one, constant speed was available

Resolved Issues:

- Resolved issue when 2 drives were connected, then one drive was disconnected, the files from the disconnected drive still showed up on the file list but were not playable
- Resolved "repeat one" failure during music playback; previously songs would not repeat
- Resolved artist name truncation issue during music playback
- Resolved issue where WD TV would not turn back on with remote after extended period of inactivity; previously WD TV had to be unplugged and was unrecoverable with the remote
- Resolved image size and position issues during video playback; previously the image displayed did not fill the screen until the picture was zoomed in and then out again



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- Resolved info bar display issues in PAL (European display standard) mode
 - Resolved issue of the slideshow playing while in the Option menu during playback, slideshow now pauses if the Option menu is accessed
 - Resolved issues surrounding drives going to “sleep” and folders showing as empty; previously drives equipped with a sleep feature would not re-initialize before the WD TV timed out and displayed the folders as empty
 - Resolved issues with DVR-MS file playback, FF and REV now function properly; previously FF or REV during a DVR-MS file would cause the file to stop playing and the video signal to be lost
 - Resolved issues with forced resolution changes dropping video signal; previously the signal would be lost if the user switched between forced resolution and auto
 - Resolved photo self re-sizing issue; previously during photo playback the pictures would randomly re-size themselves
 - Resolved Status LED behavior by blinking to reflect accurate read cycles while data is being read; previously the LED just stayed on
 - Resolved subtitle default to “on” issue (subtitles now default to “off”, unless there is an external subtitle file created, then subtitles default to “on”)
 - Resolved subtitle position issue, the subtitles were moved down towards bottom of screen; previously during playback of some files subtitles were positioned too high blocking the view of the video
 - Resolved the 1-2 second FF during initial playback of .MPG video; previously video would play in what appeared to be FF for the first 1-2 seconds and then slow to standard play rate
 - Resolved video signal failure when pan function in video files with subtitles is used; previously subtitles would stop functioning, video would stop playing, or TV would lose signal
 - Resolved zoom issues while file info is displayed during video playback; previously signal would fail or video would stop playing
 - Resolved zooming issues while subtitles were on; previously the screen used to go black and the video would stop playing

Known Issues:

- When image is rotated 90 degrees there is some elongation in the rotated view
- If the user unsafely removes an HFS+ formatted drive from the media player without using the Eject button, the drive will become read only media



Installing the Firmware Update

Firmware is an important set of instructions that tells your WD TV™ HD media player how to operate, what the interactive screens look like, and insures accurate functionality. Upgrading the firmware is important because WD continues to develop newer, faster, and more efficient ways of doing things that enhance your WD TV™ Media Player's capabilities and ease of use.



Important: Make sure the WD TV™ HD Media Player'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

To update the firmware:

1. Go to <http://support.wdc.com> and download the latest firmware update compressed file for your Media Player.
2. Click "Downloads" then the product name (or photo).
3. Extract the two files (.BIN and .VER files) to the root folder of a portable USB drive.
4. Connect the USB drive to the HD media player's USB port.
5. Press HOME, and then select the Settings bar.
6. Select the firmware upgrade icon, and then press ENTER.
7. You are prompted to perform the firmware upgrade.
8. Select OK on the firmware update prompt, and then press ENTER. This will restart the system.
9. After restarting, the system automatically enters firmware upgrade mode.
10. Once the update process is completed, the HD media player will restart again.
11. Once the HD media player restarts, the new firmware is automatically loaded.

Important product update notes:

1. Make sure the only USB drive connected to WD TV is the USB drive with the product update files.

