DAYTONAUDIO

HD 1080P PORTABLE MEDIA PLAYER FOR USB DRIVES AND SD/SDHC CARDS

Model: MP1080 User Manual

IMPORTANT!

Please read the following instructions carefully.

! To reduce the risk of fire, electrical shock or damage to the player, do not expose this device to humidity, rain, sand or excessive heat (caused by heating equipment or direct sunlight).

! Use the player in a well-ventilated environment to ensure proper cooling.

! Do not open the player housing. This will void the warranty and may damage the player.

Usage Notice

! Before plugging in this device, make sure your power supply voltage matches the product. The working voltage of this player is marked on the AC power adapter. Only use the AC power adapter that is supplied with this device.

! Do not touch the socket with a wet hand.

! Turn off the power when the device will not be used.

! Do not place heavy objects on top of the player.

! Do not use strong solvents to clean the surface of the player.

1. General Introduction

Thank you for purchasing the MP1080 HD 1080P Portable Media Player.

The Dayton Audio MP1080 is an ultra-portable 1080p full HD digital media player. It is capable of playing digital videos/movies, music and pictures from SD/SDHC memory cards and USB 2.0 compliant storage devices such as USB drives and portable hard disk drives. The Dayton Audio MP1080 supports a wide range of media file formats, allowing you to enjoy digital contents on the go or in the comfort of your living room.

Auto Playback and Auto Looping

The Dayton Audio MP1080's automatic playback feature makes it so easy to play and loop media files, you'll never have to manually start playback again. Just plug in a USB drive with one or more videos, turn the player on, and the videos will begin playing automatically and continuously looping.

One Device to Store All Your Media Files

The Dayton Audio MP1080 along with a portable USB hard drive makes an ideal storage for your media files. With playback quality as good as that of a computer, you will never need to spend time copying large files back and forth between computers. Just take the Dayton Audio MP1080 to wherever you may have a TV or monitor and enjoy!

Portable

The Dayton Audio MP1080 is your perfect travel companion. Take your media files with you on a business trip and playback wherever you can find a TV or computer monitor, from showing customers a product showcase video, to catching up on missed shows the comfort of your hotel room. Take the Dayton Audio MP1080 along on a road trip and you'll never run out of videos for the kids.

2. Features and Specifications

The Dayton Audio MP1080 is a powerful digital media player, with the ability to decode high quality 1080p full HD videos. While actual performance can vary depending on the media file, this table of specifications is a summary of the Dayton Audio MP1080's capabilities.

	Codec	Max resolution	Max stream	Max frames
Video	MPEG1	1920x1080	100 mbps	30fps
	MPEG2		100 mbps	
	MPEG4-XVID		100 mbps	
	DIVX		100 mbps	
	H.264		70 mbps	
	H.263		100 mbps	
	WMV9/VC1		100 mbps	
	RMVB	1280x720	30 mbps	
	Files: MKV, AVI, TS/TP, MP4/M4V, MOV, VOB, PMP, RM/RMVB, MPG, M2TS, WMV			
Music	Bit rate: 32 kbps – 320 kbps			
	Formats: MP3, WMA, OGG, FLAC, APE, AAC			
Photo	Formats: JPG, JPEG, BMP, GIF, PNG			
Video Output	Analog AV: 720x576 (PAL), 720x480 (NTSC)			
	HDMI: 720p (50 Hz/60 Hz), 1080i (50 Hz/60 Hz), 1080p (50 Hz/60 Hz)			
Audio Output	Analog stereo audio output level: 2.0V ± 0.2Vp Frequency range: 20 Hz-20 KHz ±2 dB SNR: >80 dB (1 kHz 0 dB) Dynamic range: >80 dB (1 kHz 0 dB) THD: ≤0.04%			
	HDMI PCM Digital Stereo			
External Storage	Supports USB2.0 drives up to 2TB with MBR partition table and NTFS or FAT32 file system, including USB hard drives and USB flash drives.			
	Supports all SD and SDHC flash memory cards with NTFS or FAT32 file system			
Product Size	2.5" (W) x 3" (L) x 0.6" (H)			
Weight	3 oz			
Power	AC 90-230V, 50/60 Hz, DC 5.2V 2A			
Packing List	AC Power Adapter, Remote Control, AV Cable, User's Manual			

3. Product Features and Connections

Power

Only use the supplied AC power adapter to provide 5.0-5.2 VDC power to the Dayton Audio MP1080. Using a different power adapter may damage the player. Do not cut off power to the device while the unit is turned on as this may cause serious damage to the hard drive and result in data loss. Make sure that the player is in standby mode before disconnecting power. The player consumes a small amount of power in standby and should be disconnected from power to conserve energy if not in use for long periods of time.

Analog AV Output

The Dayton Audio MP1080 can be connected to analog TVs and display devices through its AV out connector. Only use the supplied 3.5mm to RCA cable to ensure correct signal polarity and avoid damage to the player and TV/display. The RCA cable connectors are color coded to match the AV input on TVs and display devices as follows:

Red	Right audio channel
White	Left audio channel
Yellow	Composite video

The Dayton Audio MP1080's video output mode must be set to NTSC or PAL for the analog AV output to function. If there is no picture or the picture is distorted after connecting the AV output, press the **AV** button on the remote to set the player's video output mode to NTSC. If PAL output mode is needed, use the settings menu to change the player's video output mode to PAL.

> *NTSC is compatible with all TV's in the US. PAL is used for TVs in certain countries in Europe, Asia, and others.*

HDMI Output

The Dayton Audio MP1080 can be connected to HDTVs and digital display devices through its HDMI connector, sending both audio and video signals over one cable. Only use HDMI cables that have been certified to be v1.3a or higher to ensure signal quality. The Dayton Audio MP1080's HDMI output resolution can be set to 720p (50/60 Hz) and 1080i/p (50/60 Hz).

> *Do not plug/unplug the HDMI output with the power connected to the player. Doing so may damage the player.*

The Dayton Audio MP1080 must be set to a valid HDMI output mode for the HDMI connection to output a correct signal. If there is no picture or the picture is distorted after connecting the HDMI output, press the **HDMI** button on the remote to set the player's output mode to 720p. Other HDMI display modes can then be set through the Setting menu.

Auto Detect AV Output

The HDMI and AV outputs cannot be used at the same time. By default, the Dayton Audio MP1080 is configured to automatically detect the optimal AV output to use. If an HDMI connection is detected when the player is turned on, the player set its video output mode to HDMI. If HDMI connection is not detected, but an AV connection is detected, the player will automatically set its video output mode to AV.

This auto output detection feature can be disabled in settings menu "Auto Detect HDMI". When the auto detection is turned off, the player will only use the video output mode that is configured in the settings menu. The video output mode can still be changed using the **AV** and **HDMI** buttons on the remote control.

Connection Ports

Front   **Back**
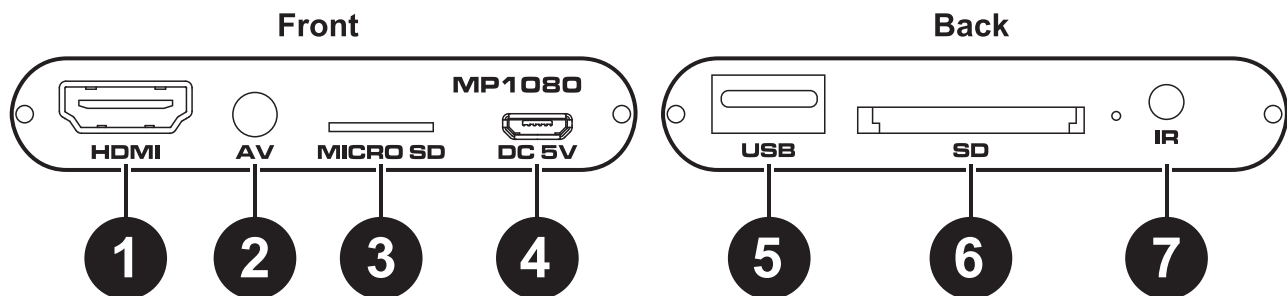
1. HDMI (1080p)   5. USB port
2. AV (576p) output   6. SD / MMC memory card
3. Micro SD slot   7. IR sensor
4. Power input

4.   Startup

After powering on, the Dayton Audio MP1080 displays the **Home** menu screen. The **Home** menu presents five icons for access to different types of media files or settings:

Files	Browse and play all compatible file types
Music	Browse and playback compatible audio files
Movies	Browse and playback compatible video files
Photos	Browse and display compatible image files
Setting	System settings

Use the **< >** buttons on the remote to highlight the desired media type, press the **OK** button to select. Refer to the sections of individual media types for additional information.

> *Use the File, Photo, Music, and Movie buttons on the remote to quickly select media type.*
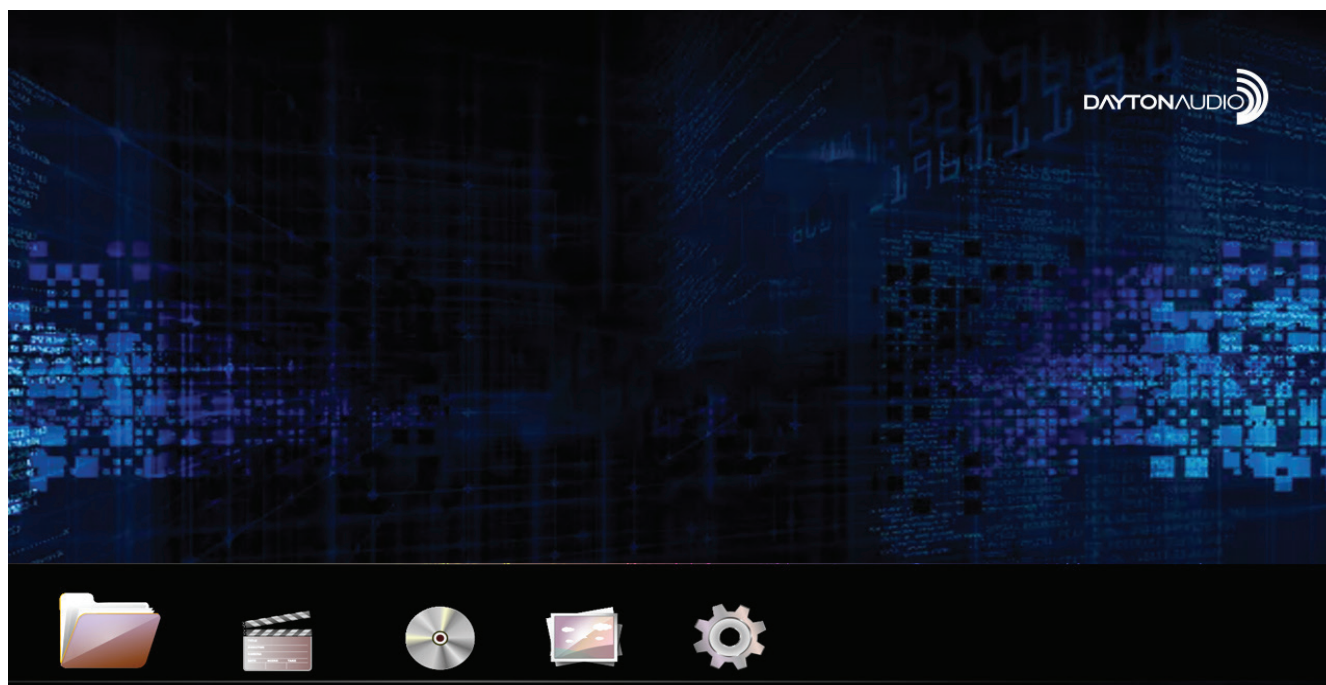
V. Playing Movies and Videos

To browse and view movies and videos:

1. From the home menu, select the **Movies** icon and press **OK** on the remote to begin browsing for movies.
2. Select which storage device to browse for movies in: USB Drive, Memory Card, and Optical Drive. Highlight the desired device and press **OK**.
3. Select which partition of the drive to browse for movies in. Most drives have only one partition. Highlight the appropriate partition and press **OK**.
4. All folders and compatible movie files found will be displayed. If no folders or compatible movie files are found, a message will pop up indicating No Compatible Files Found.
5. To browse thin a folder, highlight the folder and press **OK**. To back out of a folder, press the **RETURN** on the remote.
6. To play a movie, highlight the movie men and press **OK**.
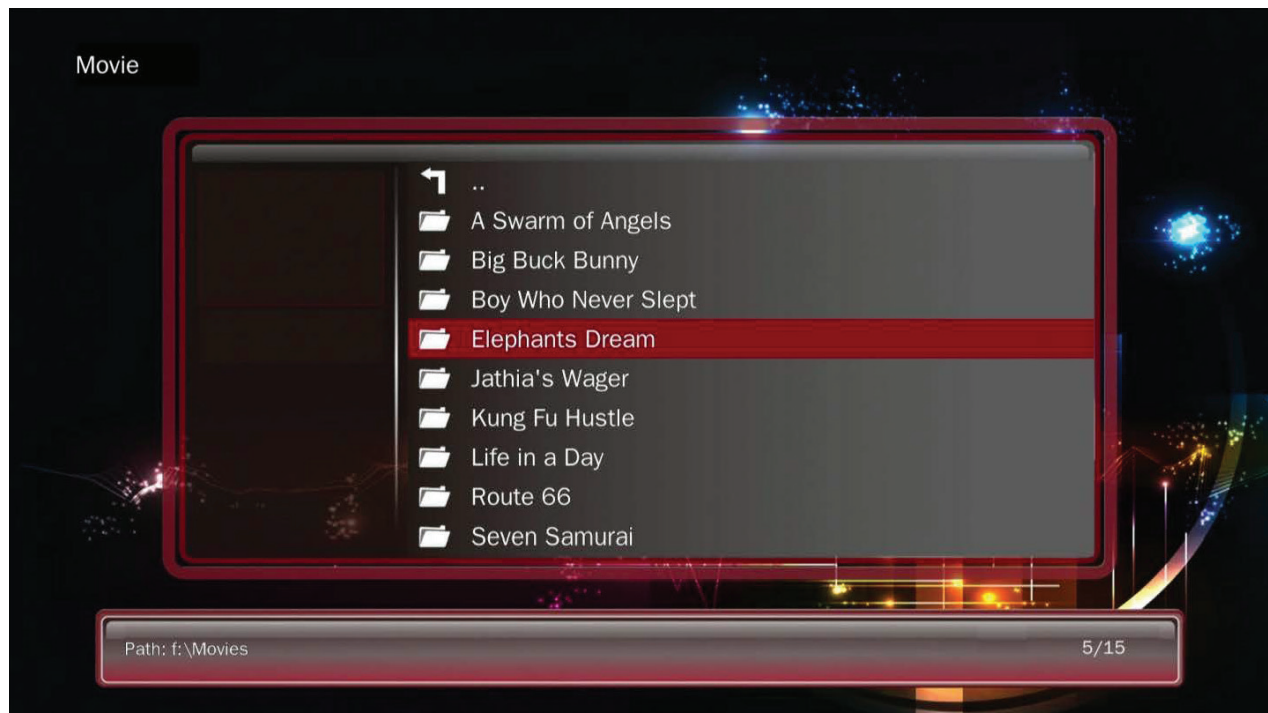
NOTE: Only files with compatible video file extensions MKV, AVI, TS/TP, MP4/M4V, MOV, VOB, PMP, RM/RMVB, MPG, M2TS, and WMV are visible in the file/folder.

Video files with incompatible file extensions will not be visible. Video files with compatible file extensions but incompatible codec will generate an error when played.

During playback of a movie, the following operations are available:

Button	Description
MUTE	Mute all sound output
MENU	Bring up the on-screen menu
◀◀	Rewind - Available speeds are 1x, 2x, 4x, 8x
▶▶	Fast Forward - Available speeds are 1x, 2x, 4x, 8x
◀◀	Previous File - Play the previous file
▶▶|	Next File - Play the next file
▶||	Play/Pause - Pause or resume the current file
■	Stop playing the current file
OK	Play/Pause - Pause or resume the current file
HOME	Go back to the home menu
RETURN	Stop playing the current file
16:9/4:3	Aspect Ratio - Available modes are Default, 4:3, 16:9, Fit View, Video Full Screen, Screen Full Screen
GOTO	Jump to a specific time in the video; use the arrow buttons to enter the time and press **OK** to jump to the entered time
REPEAT	Changes video playback sequence between Repeat All, Repeat One, Random
AUDIO	Change the audio track, if multiple audio tracks are available
SUBTITLE	Turns subtitles on or off. Use the on-screen menu to change subtitle track
VOLUME	Adjust the audio volume

On-Screen Menu
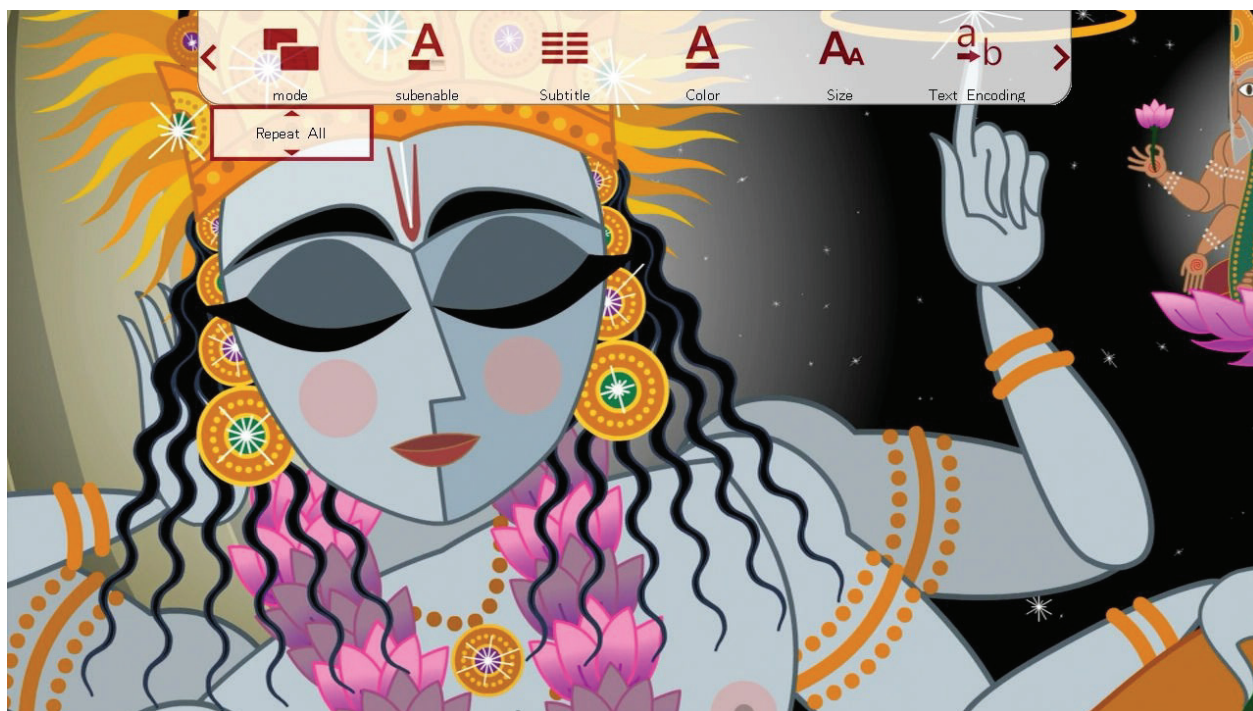
During playback of a movie, the on-screen menu offers a convenient way to access many frequently used playback settings. To use the on-screen menu, press the **MENU** button on the remote while a movie is playing.

To change a playback setting, use the **< >** buttons on the remote to highlight the setting; use the up and down buttons to change the settings value and press **OK** to save the present setting. When finished, press the **RETURN** button to exit out of the on-screen menu.

Setting	Description
Mode	Change the playback sequence between Repeat One, Repeat All, Sequential, Random, Only Once
Sub Enable	Enable or disable subtitle display
Subtitle	Change the subtitle type being displayed
Color	Change the subtitle text color, options are white, gray, red, green, cyan, magenta, yellow

Size	Change the subtitle text size
Text Encoding	Change the subtitle text encoding between S-Chinese (GBK), T-Chinese (BIG5), UTF-8, UTF-16BE, UTF-16LE, Japanese (S-JIS), Western, SE European, Turkish, Central European, Cyrillic, Hebrew, Greek, CP1252, ISO 8859-6, Korean (EUC-KR)
Time Sync	Change the time sync between the subtitle and the video

Aspect Ratio

For a video to be displayed correctly, it must be played back at with the appropriate aspect ratio. An incorrect aspect ratio will result in a distorted image. The aspect ratio can be changed while a video is playing by pressing the **16:9/4:3** button on the remote. The following aspect ratio settings are available.

Setting	Description
Default	The video will be played as-is without any change. If a video's resolution is less than the display resolution, it will only occupy the small center portion of the screen.
4:3	The video will be forced to play at a 4:3 aspect ratio.
16:9	The video will be forced to play at a 16:9 aspect ratio.
Fit View	The video will be played slightly zoomed out. This is useful for use with TVs that apply over-scan.
Video Full Screen	The video will be played full screen at the video's native aspect ratio.
Screen Full Screen	The video will be played full screen at the display screen aspect ratio.

Subtitles

The Dayton Audio MP1080 supports subtitle embedded in video files or as external subtitle files. When a video has both embedded and external subtitle files, the external subtitles will take prioroty. Multiple external subtitle files for the same video is not supported.

When multiple external subtitle files are present, only one external subtitle file will be available for display. Be sure to place the external subtitle file in the same folder and with the same name as the video file:

My.Awesome.Movie.mkv
My.Awesome.Movie.srt

To toggle subtitles on or off, press the **Subtitle** button while a video is playing. The first subtitle track available will be displayed. To change to a different subtitle track, open the on-screen menu and change the Subtitle field to the desired language and press OK**.**

If the subtitle language file uses special character encoding, such as GBK for Chinese subtitles, the subtitle may appear as symbols using the default UTF8 encoding. To change to a different encoding, open the on-screen menu and change the Subtitle codec field to the desired value and press **OK**.

6. Playing Music

To browse and play music:

1. From the home menu, select the **Music** icon and press **OK** begin browsing for music.

2. Select which storage device to browse for music in: USB Drive, Memory Card, and Optical Drive. Highlight the desired device and press **OK**.

3. Select which partition of the drive to browse for music in. Most drives have only one partition. Highlight the appropriate partition and press **OK**.

4. All folders and compatible music files found will be displayed. If no folders or compatible music files are found, a message will display No Compatible Files Found.

5. To browse a folder, highlight the folder and press **OK**. To back to a previous folder, press **RETURN**.

6. To play a music file, highlight the file and press **OK**.

During playback of a music file, the following operations are available:

Button	Description
MUTE	Mute all sound output
MENU	Bring up the display menu
◄◄	Rewind - Available speeds are 1x, 2x, 4x, 8x, 16x, 32x
►►	Fast Forward - Available speeds are 1x, 2x, 4x, 8x, 16x, 32x
◄◄	Previous File - Play the previous file
►►|	Next File - Play the next file
►||	Play/Pause - Pause or resume the current file
■	Stop playing the current file
OK	Play/Pause - Pause or resume the current file
HOME	Go back to the home menu
RETURN	Stop playing the current file
REPEAT	Changes music playback sequence between Repeat All, Repeat One, Sequential, Random, Only Once
VOLUME	Adjust the audio volume

NOTE: Only files with compatible audio file extensions MP3, WMA, OGG, FLAC, and APE are visible in the file/folder directory. Audio files with other file extensions will not be visible. Audio files with compatible file extensions but non-compatible codec will generate an error when full screen playback is attempted.

On-Screen Menu

During playback of music, the on-screen menu offers a convenient way to access many frequently used playback settings. To use the on-screen menu, press the **MENU** button on the remote while a music file is playing.

To change a playback setting, use the **< >** buttons on the remote to highlight the setting; use the up and down buttons to change the settings value; press the **OK** button to save the present setting. When finished, press the RETURN button to exit out of the on-sceen menu.

Setting	Description
Mode	Change the playback sequence between Repeat One, Repeat All, Sequential, Random, Only Once
EQ Mode	Change the equalizer preset for music playback. Various presets are available for different sound effects
Focus Color	Change the color of the lyrics
Lyric Color	Change the color of the lyrics currently sung
Lyric Play Mode	Change the lyric display stile between Karaoke, or Line Roll

7. Viewing Photos

To browse and view photos:

1. From the home menu, select the **Photo** icon and press **OK** to begin browsing for photos.

2. Select which storage device to browse for photos in: USB Drive, Memory Card, and Optical Drive. Highlight the desired device and press **OK**.

3. Select which partition of the drive to browse for photos in. Most drives have only one partition. Highlight the appropriate partition and press **OK**.

4. All folders and compatible photos found will be displayed. If no folders or compatible photos are found, a message will pop up indicating No Compatible Files Found.

5. To browse thin a folder, highlight the folder and press **OK**. To back out of a folder, press the **RETURN** on the remote.

6. To view a photo full screen, highlight the file and press **OK**.
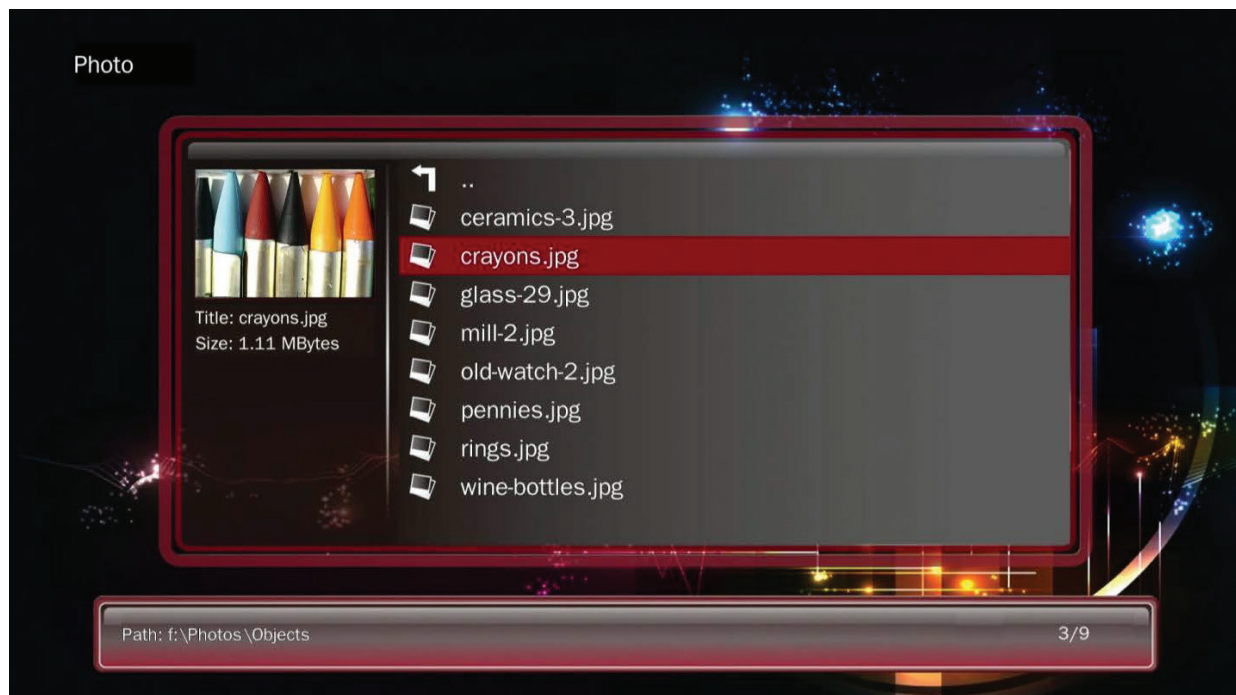
While viewing a photo full screen, the following operations are available:

Button	Description
MENU	Bring up the display menu
▶❚❚	Play/Pause - Start slideshow
◀◀	Previous File - Previous photo
▶▶	Next File - Next photo
■	Stop the slideshow
OK	Play/Pause - Start slideshow
HOME	Go back to the home menu
RETURN	Stop viewing the current photo and show the file list
ZOOM	Zoom in and out for the current photo

NOTE: Only files with compatible photo extensions JPG, BMP, GIF, and PNG are visible in the file/folder directory. Photos with noncompatible file extensions will not be visible.

On-Screen Menu

During playback of a photo slideshow, the on-screen menu offers a convenient way to access many frequently used playback settings. To use the on-screen menu, press the **MENU** button on the remote while a photo is displayed.

To change a setting, use the **< >** buttons to highlight settings; use the up and down buttons to change the settings value; press the **OK** button to save the preset setting. When finished, press the **RETURN** button on the remote.

| Setting	Description
Switch Mode	Change the transition effect when going from one photo to the next
Play Interval	Change the time delay between photos
Background Music	Turn background music playback on or off

8. File Copying/Deleting (FAT32 Drives Only)

The Dayton Audio MP1080 can be used to copy or delete files from USB drives or memory cards that uses the FAT32 file system (NTFS drives can only be read by the MP1080). This feature is useful for such situations as moving digital camera photos from a memory card to a portable hard drive without needing a computer. To copy folders or files:

1. From the home menu, select the **File** icon and press **OK**.
2. Select which storage device to copy files from: USB Drive, Memory Card, and Optical Drive. Highlight the desired device and press **OK**.
3. Select which partition of the drive to copy files from. Most drives have only one partition. Highlight the appropriate partition and press **OK**.
4. All folders and files found will be displayed.
5. Highlight the folder or file that is to be copied and press **MENU** on the remote to bring up the copy/delete menu.
6. To copy the highlighted folder or file, select **Copy** from the menu and press **OK** on the remote.
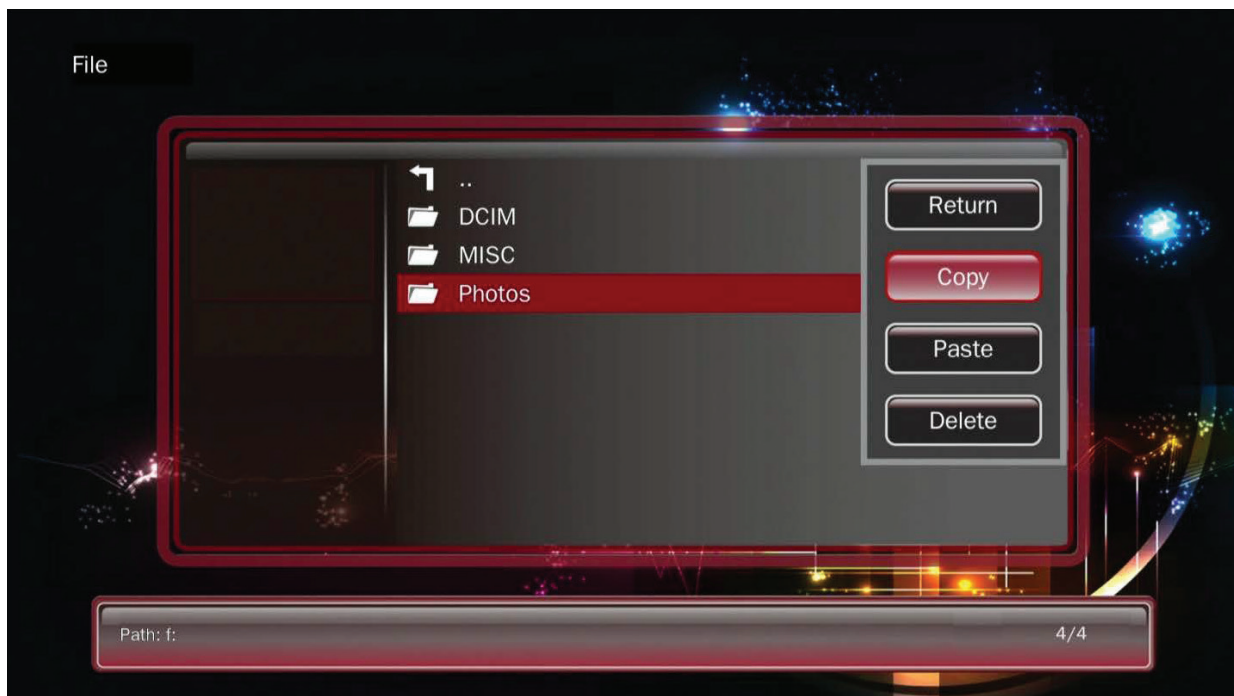
7. Now navigate to the folder that is the copy destination. Press **MENU** to bring up the copy/delete menu.
8. Select **Paste** from the menu and **OK** on the remote to begin copying.
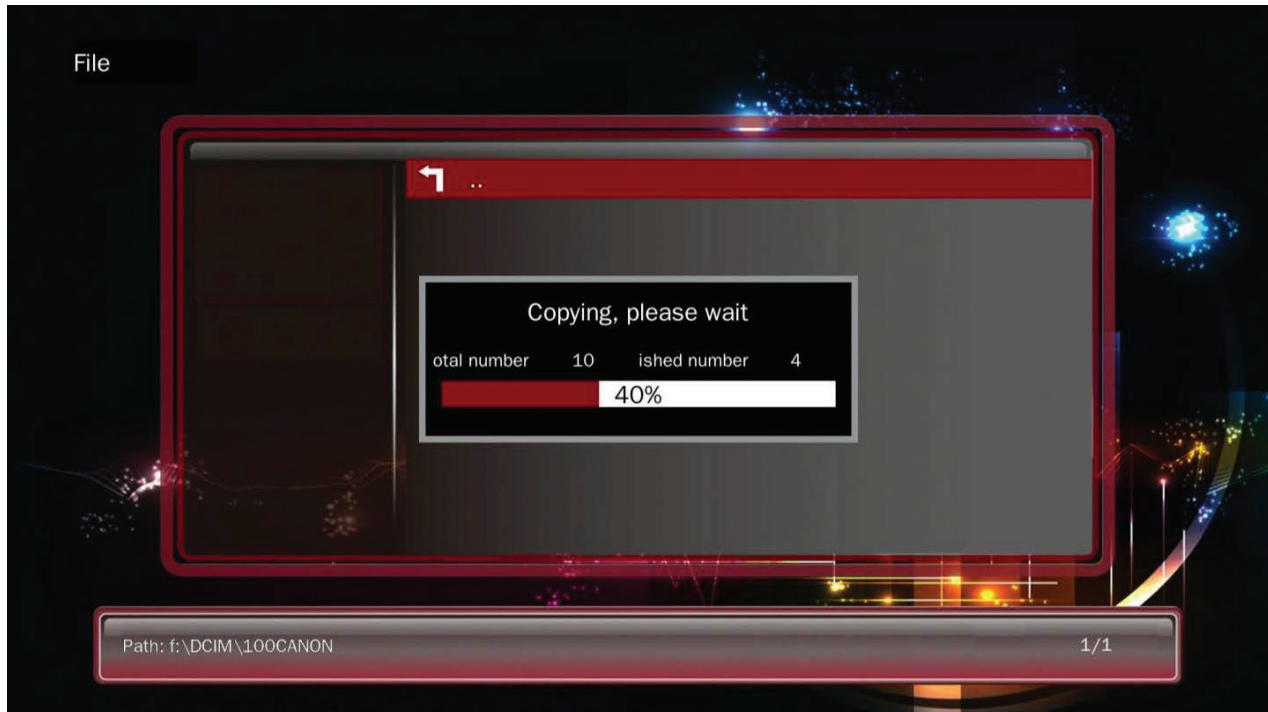
After copying, you may wish to delete the original folder or files. To do so, navigate to the folder or file to be deleted. Highlight the folder or file and press **MENU** on the remote, then select **Delete** from the menu and press **OK** on the remote to delete the folder or file.

9. Settings

The setting menu contains numerous configuration parameters that control the behavior of the Dayton Audio MP1080 during use. From the home menu, select the **Settings** icon and press **OK**.

Language

Sets the operating language.

Available values: *English, Simplified Chinese, Traditional Chinese, Japanese, Korean, German, Spanish, French, Italian, Portuguese, Dutch, Russian, Polish, Turkish, Czech.*

Screen Saver

Sets the idle time after which the screen saver will be displayed.

Available values: *1 / 2 / 5 / 10 / 15 / 30 Minutes, 1 / 2 Hours, Off*

Video Output Mode

Sets the video output mode.

Available values: *NTSC, PAL, 720p (50/60 Hz), 1080i/p (50/60 Hz)*

Audio Output Mode

Sets the audio output mode. In normal mode, audio will be output through HDMI or analog AV output depending on which output is selected. In analog mode, audio will be output only through the AV output jack.

Available values: *Normal, Analog*

Auto Play

Automatically play media files found on the root directory of the external USB or Memory Card.

Available values: *Off, Movie, Music, Photo*

Auto Play DVD

Automatically plays DVD disc detected in an attached optical drive. Commercial DVDs are not supported by the player due to encryption.

Available values: *On, Off*

Auto Detect HDMI

Automatically detects if a HDMI connection is present when powering on. If detected the player will automatically switch to HDMI output mode instead of AV output.
Available values: *On, Off*

Restore Default Setting

When selected, resets all settings back to factory default.

Video/Movie Resume

When selected, you can return to the movie or video and resume playback or play from the beginning.

System Information

When selected, displays the current firmware version.

10. Troubleshooting

The following are some common questions and answers. For additional troubleshooting resources, visit our website http://www.daytonaudio.com, or email technical support at info@daytonaudio.com for personalized assistance.

No video output, or distorted video on screen.

Most likely, the player has not been set to the correct output mode. If connected using the AV red/white/yellow cable to the TV, press the **AV** button on the remote to toggle the output mode. If connected using the HDMI output to the TV, press the **HDMI** button on the remote to switch the player to HDMI output mode.

Video file format not supported or plays without sound.

The Dayton Audio MP1080 supports a wide range of popular video and audio formats. However, there are many specialized or proprietary video and audio formats which while rare is still in use. Occasionally a video will be encoded in one of these formats and fail to playback on the Dayton Audio MP1080. If you run into such a video, contact the source of the video to ask what format it is encoded in and check it against the list of audio and video formats that the Dayton Audio MP1080 supports. It may be possible to recode the video in to a more common format. Contact Dayton Audio technical support if you need assistance.

USB drive or hard drive does not show up.

The Dayton Audio MP1080 supports drives up to 2TB in size that use MBR partition table and NTFS or FAT32 file system. MBR/NTFS is the native format for Windows PCs and is also supported by Linux and MacOS. Check to see if your drive is using MBR partition table and NTFS file system if it does not show up on the Dayton Audio MP1080.

The Dayton Audio MP1080 is able to power most portable USB hard drives through its USB port. Older USB hard drives that require a USB Y-cable to draw power from two USB ports may not function correctly due to excessive power requirement.

5-Year Limited Warranty
See daytonaudio.com for details

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