**CE labs**®

# MP62
## HD Media Player

# Contents

# Caution

Thank you for choosing this CE labs product. For optimum performance, please read this User's Manual fully.

1. Caution
1.1 Please do not use this product in environments of high temperature or high-humidity. Provide normal ventilation as with any electronics.
1.2 Keep the Media Player away from magnetic devices, such as power lines, as it might affect data transfer of the product.
1.3 Please use the power adapter included. Other power adapters may damage the Media Player.
1.4 Please don't turn on the power until you finish connecting the Media Player with TV and Storage Devices.
1.5 When you power on the Media Player, it will take several seconds to boot.
1.6 Please don't remove the Storage Device while it is being read by the Media Player. Please turn off power before removing Storage Device to prevent any damage to the Media Player or Storage Device.
1.7 Please don't turn on the power instantly after turning off the power as this may damage the product.

# Features

- Produces Standard or High Definition video resolution on the HDMI output.

- Autoplay content on power up.

- TOSLINK Digital audio output.

- 3.5mm jack with composite and R/L analog audio (alternates with HDMI).

- IR Input.

- 4 GPIO Inputs used to trigger videos in folders.

- Supports SD Memory Cards and USB Storage Devices.

# Specifications

| Item | | Supported Format |
|---|---|---|
| Portable memory cards or devices | Memory cards | SDHC, SD, MMC, and MS can be directly inserted into the Media Player |
| | USB Storage Device USB | USB Flash Drive, USB2.0 External Hard Disk Drive (2.5" or 3.5" HDD) MP3 Player & USB2.0 Card Reader. (supported by the USB port on the READER) |
| File System of Storage Device | | FAT, FAT16, FAT32 ,NTFS |
| Supported format | Photo | JPEG (*.jpg), BMP, GIF, PNG |
| | Audio | MP3, WMA，WAV, PCM, Real Audio |
| | Video | RMVB, MPEG 1/2/4, DivX, XviD. WMV, FLV, M2TS, MPG, VOB, MOV, TS, TP, AVI, MKV (*.mpg, *.mpeg, *.dat; *.avi, *.vob) |
| Output | Audio | Stereo, HDMI, TOSLINK® (Only one at a time) |
| | Video | CVBS (NTSC 480i), HDMI (Resolution: 720p, 1080i, 1080p, 1024x768) |
| Supported TV mode | | PAL, NTSC |
| Power supply | | AC to Power adapter: 100~240V, 50/60Hz. |
| | | Power input to Media Player: 5.6V, 2A |

*Note: Only one video and audio may be selected. This unit does not support simultaneous outputs of SD and HD signals. When using the HDMI output, audio may be routed inside the HDMI signal or to the TOSLINK optical output. Both are not on at the same time.

# Unit and Accessories

| | |
|---|---|
| Media Player | 1 |
| AC Power Adaptor | 1 |
| Remote Control | 1 |
| User's manual | 1 |
| HDMI Cable, 1 Meter | 1 |

# Remote Control Functions

Note: The RED, GREEN, YELLOW, & BLUE buttons have no assigned function.

| IR Remote Buttons | Function |
|---|---|
| Power | To switch on and off |
| Home | Go to the main menu |
| OSD | To put the function buttons on screen while playing |
| mute | to enable/disable sound while playing movie/music |
| GO TO | To move to an exact time during a movie play |
| AV / HDMI | To change the TV output to Composite Video or to HDMI |
| Rotate | To change the photo display or video repeat mode |
| Back | Go back to the previous menu |
| ▲ | Move cursor upward |
| ▼ | Move cursor downward |
| ◄ | Move to left selection |
| ► | Move to right selection |
| ►II | Pause / play or OK |
| VOL- | Decrease the volume while playing Movie/Music. |
| VOL+ | Increase the volume while playing Movie/Music. |
| ◄◄ | Skip backward in a movie/music at speed of 2X, 4X, 8X |
| ►► | Fast forward in a movie/music at speed of 2X, 4X, 8X |
| I◄◄ | Skip backward to previous file while file playing. |
| ►►I | Skip forward to next file while file playing. |
| ■ | Stop media playback |
| ZOOM | Zoom In photos and videos while playing（X2, X4, X8, X16） |
| Setup | Go to the setup menu (N/A on thin remote control) |
| 16:9 | To change the video ratio to 16:9 or 4:3 (N/A on thin remote control) |

# Media Player connections

**Mode 1.          HDMI = Default mode from factory.**

1.  Connect HDMI cable from the media player HDMI output to the TV HDMI input.
2.  Insert the media card and plug in the Power Adapter.
3.  Turn on the TV and set the TV to HDMI input.
4.  Set the MP62 to HDMI (at the desired resolution) output

    A: Use the Setup Menu on TV or press the HDMI button on the remote.
6.  Adjust volume to desired level. The audio level will remain at this level even when the power is turned off and back on.

**Mode 2**          **NTSC / Composite Video / RL Analog Audio**

**Note:** *The A/V output requires a 3.5mm to RCA adapter cable. You can order this adapter from CE labs.*

1.  Video connection: Video (Yellow)

    Audio connection: Stereo AUDIO-L(white) / AUDIO-R(Red)

    Connect the 3 RCA connectors to the TV input.
2.  Insert the media card into the MP62 and plug in the Power Adapter. Turn power switch to ON.
3.  Turn on the TV and set the TV to AV input
4.  Set the MP62 to NTSC (A/V) output

    Press the A/V button on the IR remote or while MP62 is connected to a HDMI monitor, change the Video Output Mode to NTSC.

# MP62 GPIO Push Buttons

The MP62 media player will automatically start playing video content that is in the root of your SD or USB drive when you power on the player. You can interrupt these looping files by pressing a push button to play one or more files that reside in a folder that is assigned to that button. When the file(s) in the folder finish playing, the files in the root will restart.

1.  In order to use the GPIO push buttons, the files associated with a button must be in a folder.

2.  **The name of the folders must be "key1", "key2", "key3", and "key4".** Pressing button one will play the file(s) in folder "key1" and then the player will return to playing files located in the root of the memory.

3.  Any files placed in the top level root directory of the SD card or USB will play in a continuous loop until a button is pressed.
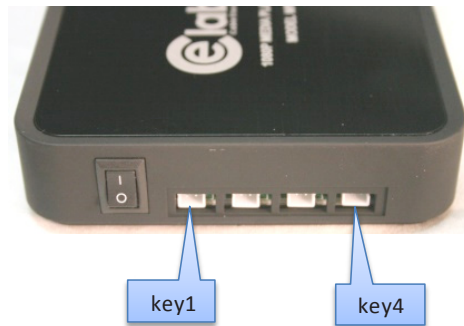


- Files in Key1 are controlled by the GPIO port nearest the Power Switch.

- Avoid using punctuation characters in file names. Files should be named using Alpha-numeric characters and may contain under-score (_) for separating sections. Try to avoid spaces in names. Do not use !@#$%^&*()+=~;'": in file names. This could cause the file not to work properly.

# How to automatically play multimedia files

1.  Connect the unit to the TV.

2.  Turn on the TV and the media player, choose right TV mode, and you will see the main menu on the TV. If not, press SETUP on the Remote.

3.  Select Media Auto Play and select the type of media that you would like to auto-start when the MP62 is powered ON. You may choose between Music, Movie, or Photo.

4.  When you exit the setup screen, any files in the root of the SD or USB that match the media auto play type will begin to play and loop continuously.
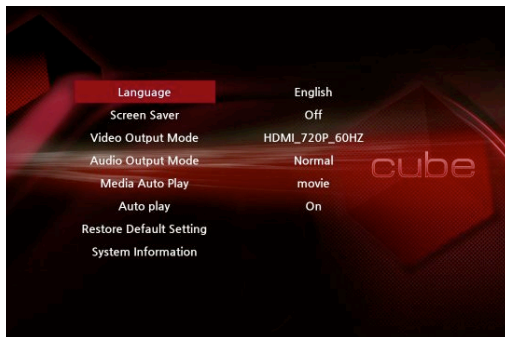
If you select **Media Auto Play = All,** you will need to create a playlist text file on the SD card or USB drive.

**Example:**

[PLAYFILELIST]

File0= Nameoffirstfile.mp4

File1= Nameofsecondfile.jpg

File2= Nameofthirdfile.mp4

File3= Nameoffourthfile.jpg

[ROOTPATH]

Path=f:
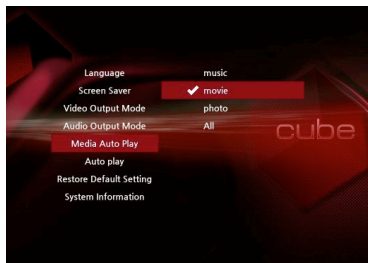


**Note:** The actual file names must be spelled out in the playlist file. Replace "Nameoffirstfile.mp4", etc..

Save the playlist file and it must be named: "**autoplay_list.ini**". Put this file in the root of SD/USB.

Move Auto play to ON. Now when the MP62 is restarted, it will automatically play all the media listed in the "autoplay_list.ini" file.

# How to manually play a file

1. Press the HOME button on the Remote to get to this screen.

2. Select Explorer to view all files or you may select Music, Movie, or Photo to view just those file types.

3. You will need to select the storage device, USB or Smart Card (SD). Then Press the F: drive when it comes up.

4. Press the file name to start playback.

**IR Remote Functions / Video Mode**

1. To change the screen proportion by press the 16:9 button

2. Fast forward or rewind: press  or  button to fast forward or reverse movie play back at a speed of 1X / 2X / 4X / or 8X.

3. To skip to the next chapter/movie file: If you're playing one movie, and you want to skip to next chapter or movie, you can press | or press | to skip to play the previous one.

4. Press  to stop playback of any file.

5. If you want to view another category like Music, Photo or Files while the movie playing, please press  button to stop, and press the BACK button or HOME button to go to the Menu, and choose from there.
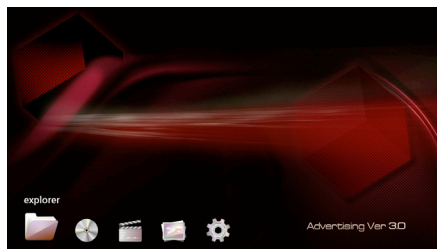
# How to play music

Press the HOME button on the remote and choose the MUSIC icon.

Press OK and choose the memory device to confirm and play. The ▼ or ▲ buttons are used to choose different files.
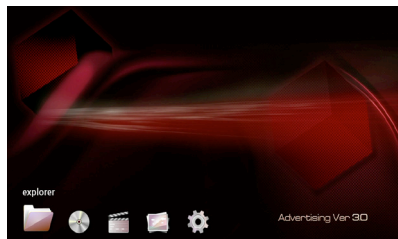


1.  Volume + / Volume - for changing the volumeMUTE is to disable volume and enables volume when pressed again.

2.  Fast forward or backward: press ►► or ◄◄ button to fast forward or reverse song.

3.  To skip to next music file: If you're playing one song, and you want to skip to next one, you can press ►► | or | ◄◄ to skip to play the next or previous file.

4.  Press ■ to stop music playback

5.  If you want to view other category like movie, or Photo during music playback, please press ■ button to stop, and press BACK or HOME button to go to the Menu, and choose from there.

During music playback, you may press the REPEAT (double arrow) button on the Remote to toggle between the playback options such as loop one file, play once, loop all files, etc. Press the OSD button to bring up the TOP menu bar. This will allow you to change the Audio EQ presets. This is the only function is enabled at this time.

# System Setup

Press the HOME button on the remote. Navigate to the SETTINGS icon and press the OK button. You may also press the SETUP button on the Remote to get to this screen.

1. To press ▲ or ▼ to select item to change
2. Press OK to change the setup. Press BACK to return to previous menu

**NOTE**: If you change the Video Output Mode to PAL or NTSC, the HDMI output will be turned OFF.

# System Menu Options

1. Language: Chinese, Traditional Chinese, English, Russian, Portuguese, Spanish, Korean, and Hungarian

2. Video Output: NTSC and PAL or HDMI resolutions

3. Audio Output: normal, SPDIF LCPM, SPDIF RAW

4. Media Auto Play: Select media type to auto-start, Picture, Movie, Music

5. Auto Play: Auto starts content when the unit is powered on. If this is not turned ON, you will need to manually start your file.

6. Restore default setting

7. System Information

**Note:** When Audio NORMAL is selected, this means the NTSC output will have audio on the R/L RCAs and the HDMI will audio imbedded in the HDMI signal. When either SPDIF is enabled, this enables the TOSLINK output and disables the normal audio output path.

# FAQ

**- Q: Why can't I see any video on the HDMI monitor?**
Reply: The unit may be set to output on the Composite Video output port. The MP62 does not support dual output and either HDMI or composite video output must be selected. Press the A/V or HDMI button on the remote to change the video output port.

**- Q: The unit will not play my files but I can see them on the computer?**
Reply: The SD card may have corrupt files on it that are confusing the player. Reformat the SD card and reload your content. (Do not use "Quick Format"). Try using a PC instead of a MAC to load files.

**- Q: Why I can't turn on the power after long time standing by?**
Reply: The unit may be hibernating caused by a long time in standing by, please disconnect and reconnect the power plug. Also: We suggest you disconnect the power if you're not going to use the media player for an extended period of time.

**- Q: Why does the computer access the files stored on the hard disk through the USB port but the media player cannot play the files?**
Reply: Please check if the media files are the formats supported by the media player (Media files format please refer to 2.2 Specifications.)

**- Q: Why does the content lock up on the display?**
Reply: There may be a defect in the video file that is locking up the player. Try re-encoding the video file.

# Warranty

Cable Electronics, Inc. warrants this product to be free from defects in material and workmanship, under normal use and service, for a period of one year from the purchase by the original purchaser. If this product is defective or malfunctions, Cable Electronics will replace or repair this unit (at their option) within a reasonable time. No expressed or implied warranty is made for any defects caused by immersion or exposure to liquids, abuse, neglect, improper operation of unit, excess wear and tear and defects resulting from unauthorized disassembly and or modification.