

MV720p-HD

Solid State HDMI Video Player

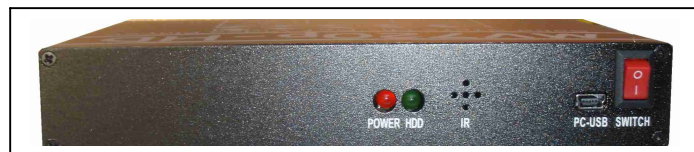
Features:

- Ideal for large LCD/Plasma TV monitor.
- Compact Solid State Single Chip design.
- Plays 720p/ 1080I and standard DVD files.
- Plays from USB Flash drive, Internal Hard drive and LAN/WIFI (Local Area Network)
- HDMI, Component and Composite Video out.
- Built in digital input, connect directly to 6 push buttons (3 single pole + 3 double pole).
- Digital Input can be converted to operate as IR remote control.
- Automatically play files with time delay in between.
- Optional IN6 input board, up to 48 digital input, programmable to play different video files.
- Optional 16GB Solid State SATA hard drive.
- Optional SYNC board to start sync a group of MV720p -HD players.
- Compact unit size, only 7.5" W X 4.5" D X 1.1"H.



Description:

MV720p plays from USB port, internal SATA HDD (optional) and LAN (network). It plays High definition video files (720p, 1080I) and standard DVD video files. When playing standard DVD video, MV720p-HD will automatically up convert the standard video into High Definition video. Using the MV720p-HD USB port, you can use USB Flash drive or any memory storage that has USB2.0 such as portable Hard Drive. For larger storage capacity, the MV720p-HD has a SATA socket for a 2.5" laptop SATA hard drive. When using the hard drive, format is NTFS. To copy files into the hard drive, the MV720p-HD has a mini USB port (at the front panel) that you can connect directly into a PC or a MAC. For heavy duty application, use Akman Inc's 16GB Solid State SATA hard drive.



The MV720p-HD has 3 modes, standard mode, Timer mode and IR mode. You can set the mode using the IR remote controller (included with the unit). If power is turned OFF, MV720p-HD will remember the setting.

In **Standard mode**, after powering up the MV720p -HD will automatically loop files in the root directory. You can connect up to 6 push buttons (3 single pole and 3 double pole) directly into the digital input. If you need more input, use IN6 input board. You can play up to 48 video files using 4 pcs IN6 input boards.

In **Timer mode**, after powering up the MV720p -HD will automatically loop files in the root directory. After a set time delay, MV720p-HD will automatically play a file and then return to play the root again. After another

time delay, it will play another file and then return to play the root again. After playing the last file, the MV720p-HD will repeat the cycle. The time delay is adjustable using the IR remote control. The number of files to play is also adjustable using the IR Remote control.

In **IR mode**, the MV720p-HD digital input is converted to operate as an IR remote controller. Input 1 is configured to operate as Pause/Play. Input 2 is configured to operate as Previous. Input 4 is configured to operate as Next. Input 3 is configured to operate as Stop. Input 5 and 6 are configured to operate as Vol up and Vol down. Using the IR remote, you can set the number files to be played using the Next/Prev input. After powering up, the MV720p-HD will loop files in the root directory. If NEXT is triggered, it will play the first file and then return to loop the root. When next is triggered again, it will play the second file and then return to loop again etc. After playing the last file, MV720p-HD will repeat the cycle again.

Using the SYNC board, you can start sync a group of MV720p -HD. The sync board will only start sync the players, not frame sync. The sync board requires 1 pc IN6 input board to start. Each sync board can be connected into 2 MV720p -HD. Example: if you want to sync start 9 MV720p -HD, you will need 1 IN6 board PLUS 4 sync boards. The Sync board together with IN 6 will re-align the sync start for a set time. You can adjust the time so that the players will be sync start automatically every 1 hour or more.

Using the RL4 board, the MV720p-HD will trigger a relay when playing in root and also when an input. You can use this as a signal to start other device or program in your show controller .

The MV720p-HD has a bi-directional RS485 port. You can use this port to connect to the IN6, RL4 and the Sync board. You can also use it to communicate with a show controller or your PC and remotely send commands to play different video files, pause, play , next, Sync start etc.

Applications:

- Hi-Def Video player for Museums and Science Center exhibits.
- Hi-Def Video player for Interactive travelling exhibit.
- Hi-Def Video presentation for Theme Parks, State Parks and Family Fun Parks.
- Synchronize multiple screen video presentation.

Specifications:

Video storage... USB 2.0 Flash drive and HDD	Other storage memory device using USB 2.0
Hard drive format NTFS	Memory device using USB2.0 format FAT
HD format Mpeg2(xxx,ts) and Divx HD	SD Video format Mpeg2 and VOB (DVD)
HD file spec..... 720p/1080I at 25 Mbit/Sec	SD file spec..... NTSC and PAL at 9 Mbit/Sec
Video out .. HDMI/YPbPr resolution adjustable	Audio out HDMI, analog stereo and SPDIF
USB2.0 port, host for USB2.0 drive	USB2.0 slave for connection to PC/MAC
Control port.RS485 Std RJ12 6 pin connector	Local Area Network (LAN) port Std RJ45
Digital Input 3 Built input, IN1,2 and 4	IR control port Use IR remote control (included)
Voltage & Power Desk Top12 Vdc, 2 Amp	AC input, universal120 – 240VAC, 50-60Hz
Metal enclosure size .. 7.5”W X 4.5” D X 1.1”H	Weight including P.S Approximately 2.1 lbs

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