

USER MANUAL

HDMI Splitter 1x4

Model No: HDSP0001M1

INTRODUCTION

Dear customer

Thank you for purchasing this product. For optimum performance and safety, please read these instructions carefully before connecting, operating or adjusting this product. Please keep this manual for future reference.

The company produced products. designed to make your A/V device use more convenient, comfortable, productive and cost-efficient.

The 1x4 HDMI Splitter use a single HDMI source, accessing to multiple HDMI sinks. The Splitter allows one HD source to be split easily to four HDMI compatible monitors or projectors. It also supports extra analog stereo audio output and digital SPDIF audio output. And the user can do choose the video mode output at the three video mode: 3D mode, 4K x 2K mode and Pass mode and choose the audio output mode at the three audio mode: 5.1CH mode, 2.0CH Mode and Pass mode. It will bring the super vivid HD experience to the users.

Our devices offer solutions for noise, space and security concerns, data center control, information distribution, conference room presentation, school and corporate training environments.

FEATURES

- One HDMI input signal split to four HDMI sink devices
- Support 4K full HD signal input and output (The output port 4 only can support the 3D signal output)
- Support analog stereo audio and digital audio(SPDIF/Toslink) output (the function can not work when the video output is 4KX2K Mode)
- Support deep color 24bit,30bit, 36bit
- Support Blue-Ray 24/50/60fs/HD-DVD/xvYCC
- HDMI audio format: DTS-HD/Dolby-trueHD/LPCM7.1/DTS/Dolby-AC3/DSD
- Support LPCM2.0/DTS/Dolby-AC3 digital audio(SPDIF/Toslink) output
- The video and audio output mode can be controlled by the remote or R/M or by pressing s the switch button.
- Over-voltage protection can prevent the damage caused by connecting unmatched power adapter to the machine
- LED status indication, it can tell us the working state of the device very easily.
- Support signal retiming
- Support input up to 15metres AWG26 HDMI standard cable length, output up to 20metres AWG26 cable length
- No loss of quality
- Installs in minutes
- Need DC 5V/1A power supply

The accessories with the machines lists:

1. 5V Power Adaptor
2. one pc of Manual
3. Remote-control unit

Physical Connection Showing Picture:

Figure 1.0 Front Panel Showing Picture

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1. Power switch
 2. Standby indication
 3. Switch button for Video output mode, it can choose the 4K x 2K, 3D, Pass three kinds of video mode by circulate switching(When choose the 4K x 2K mode output or 3D mode output, the display terminal must can support 4K x 2 K or 3D , or the display terminal will have no picture. If need to reach full screen at the display end, please switch to the pass mode output).
 4. Switch button for Audio output mode, it can choose 5.1CH,2.0CH, ADV [Advance Audio] three kinds of audio output mode by circulate switching(When switch to 5.1CH audio mode output, the Digital audio signal receiving terminal must can support DTS/DOLBY-AC3 decode, or the input D audio signal receiving terminal will have no sound output; If need the audio signal receiving terminal can output the audio, pls switch to 2CH audio mode. When audio output switch to the ADV [Advance Audio] mode, the audio output format will be decided by the audio signal receiving machine audio decode ability.
The splitter will output 7.1 channel audio signal while the output end connects the av amplifier with HDMI port that support 7.1 channel audio decode.(the HD Source signal itself is 7.1 channel)
 5. Video mode indication
 6. IR Remote receiver
 7. Audio mode indication
 8. HDMI input indication
 9. HDMI output indication

Figure 1.1 rear panel showing picture

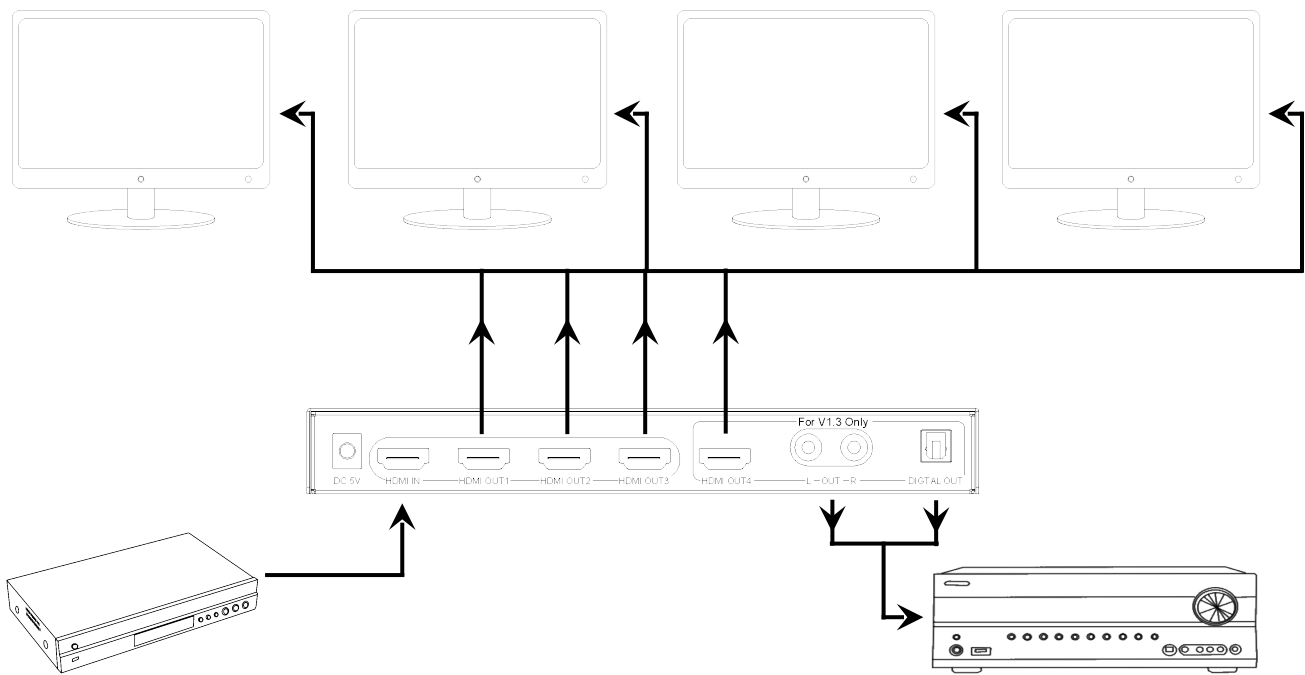
1. DC/5V Power Adaptor Interface
2. HDMI input interface
3. HDMI output interface 1~3
4. HDMI output interface 4(For v1.3 only)
5. Analog stereo audio output interface(For v1.3 only)
6. Digital audio(SPDIF/Toslink)output interface(For v1.3 only)

Remote-control unit operating instructions

1. Power switch button
2. Audio mode switch button, like if you want to switch to the stereo output, Directly by pressing the 2CH button
3. Video mode switch button, like if you want to switch to the 3D mode output, Directly by pressing the 3D button

Note: Before using the remote of the unit, please first take out the insulation plastic film from remote-control unit tail. If the remote is under long-time rest state, please insert the insulation plastic film.

Operating and Connecting:



1. Through a HDMI cable, connect HD signal source to splitter input port.
2. Through the HDMI cable, connect the splitter output port to the display terminal.
3. Through the audio cable and optical fiber cable, The splitter of the audio output connected to the audio receiving terminal.
4. Connect 5V power supply to the Splitter.
5. Press “ ” on the device or remote control to open or close the device
6. Operated through the R/M or device button

SPECIFICATIONS:

HDSP0001M1

HDMI resolution24/50/60fs/1080p/1080i/720p/576p/576i/480p/480i

Support video color format24bit,30bit,36bit deep color
Support audio format.....DTS-HD/Dolby-trueHD/LPCM7.1/DTS/Dolby-AC3/DSD
Digital audio output format.....LPCM2.0/DTS/Dolby-AC3
Max bandwidth.....340MHz
Max baud rate.....10.2Gbps
Input/Output TMDS signal 0.5~1.5Volts p-p (TTL)
Input/Output DDC signal 5Volts p-p (TTL)
Input cable distance.....≤15m AWG26 HDMI standard cable
Output cable distance.....≤20m AWG26 HDMI standard cable
Max working current.....700mA
Power adapter format..Input:AC (50HZ, 60HZ) :100V-240V; Output: DC5V/1A
Operating Temperature range..... (-0 to +40°C)
Operating Humidity range.....5 to 90%RH (No Condensation)
Dimension (L x W x H)205x74x226 (mm)
Weight.....360g

Notes:

Pls use the machine as the instruction listed to keep the long use lifetime of the machine.

1. The machine should be placed at the spot far from the Damp, High-Temperature, Dusty, Erosive, and oxidative environment.
2. All parts will be free from the strong shake, hit, fall.
3. Touching the power adaptor with the wet hands is prohibited.
4. Pls hold the power adaptor head and do not pull the power cord when cut off from the socket.
5. Pls turn the power off when the machines not used for long time.
6. Pls do not open the cover and do not touch the inside parts.
7. Pls use the original factory power adaptor.

Before power on, pls check the connection line carefully. And make sure that all interfaces

are normally connected. The common trouble shooting way shows below:

Serial NO	Trouble Description	Cause and Ways to deal with
1	Non-Power-Connected	1.Check if the power adaptor head is truly and correctly inserted the power socket. 2.Check the power switch if it is in on status.
2	No Picture	1.Pls to make sure that the TV is on and has been connected with the machine. 2.To check if the signal source is on and well connected. 3.Check the system connection quality. 4.Check if the line is all good quality. 5.Check the cable quality
3	Obscure Picture	1.To try again to connect the cable to be free from the unsuccessful connection. 2.HDMI Cable Quality
4	No sound	1. Check the audio reciver divice is on 2. Check if the line is all good quality 3. To try again to connect the cable to be free from the unsuccessful connection. 4. Confirm whether signal source is 4K sources.