

SPACETM

ULTRA HD

4K HDMI

2, 4, 8 WAY SPLITTER

HDM2SP-V2 • HDM4SP-V2 • HDM8SP-V2



HDCP2.2



HDMI 4K Splitter (2, 4, 8 Way)

User Manual

DESCRIPTION:

- The HDMI splitter is a product which distributing HDMI signals to one or more display terminals (e.g.HDTV) without loss. It optimizes your home theater system with best results.

FEATURES:

- Complies with HDMI and HDCP standards.
- Serial data rate up to 18Gbps, capable of supporting HDMI video up to 4Kx2K@60Hz
- Support up to 36 bits (12 bits/color) of dark mode.
- Supports 4kx2k@60Hz.
- Adaptive input equalization supports both long and short cables.
- Supports RGB and YCbCr 444/422/420 format
- Programmable source terminal confirms to HDMI standard, providing the best source data at high speed.
- RoHS standard (100% green available)

PACKING LIST:

- The HDMI Splitter x1
- Power Adapter x1
- User Manual x1

WARRANTY:

- The Manufacturer warrants to the original consumer purchaser and not for the benefit of anyone else that this product at the time of its sale by Manufacturer is free of defects in materials and workmanship under normal and proper use for one (1) year from the purchase date. Manufacturer's only obligation is to correct such defects by repair or replacement, at its option, if within such one (1) year period the product is returned prepaid, with proof of purchase date, and a description of the problem. This warranty excludes and there is disclaimed liability for labor for removal of this product or reinstallation. This warranty is voided if this product is installed improperly or in an improper environment, overloaded, misused, opened, abused, or altered in any manner, or is not used under normal operating conditions, or not in accordance with any labels or instructions. There are no other implied warranties of any kind, including merchantability and fitness or a particular purpose, but if any implied warranty is required by the applicable jurisdiction, the duration of any such implied warrant including merchantability and fitness of or a particular purpose, is limited to one (1) year.
- The Manufacturer is not liable for incidental, indirect, special, or consequential damages, including without limitation, damage to, or loss of use of, any equipment, loss sales or profits or delay or failure to perform this warranty obligation. The remedies, provided therein are the exclusive remedies under this warranty whether based on contract, tort or otherwise.

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Space Technology reserves the right to change the specifications of the hardware and software described in these manuals at any time.

Space Technology cannot be held liable for any damages resulting from the use of this product. Specifications are subject to change without notice.

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HARDWARE INSTALLATION:

- Check the power supply configuration and connect the correct voltage according to the power supply input requirements.
- Use the standard HD cable and connect the HD video source to input ports.
- Use the standard HD cable connect outputs to HD monitors
- Turn on the power adaptor.

MODEL	HDM2SP-V2	HDM4SP-V2	HDM8SP-V2
HDCP Version	HDCP2.0 / HDCP2.2		
HDMI Resolution	24/50/60fps/480i/480p/576i/576p/720p/1080i/1080p/2160p		
Support Video Color Format	24bit/deep color 30bit,36bit,48bit		
Vertical Frequency Range	4Kx2K @ 60Hz		
Support Audio Format	DTS-HD/Dolby-teueHD LPCM7.1 DTS/Dolby-AC3/DSD HD(HBR)		
Maximum Bandwidth	18Gbps		
1080P Input Cable Distance	≤5 m AWG24 HDMI Standard		
1080P Output Cable Distance	≤8 m AWG24 HDMI Standard		
4Kx2K Intput Cable	≤5m AWG24 HDMI Standard		
4Kx2K Output Cable	≤5m AWG24 HDMI Standard		
Max Operating Current	2A		
Power Input	5V		
Operating temperature range	-15°C ~ +55°C		
Operating temperature range	5 ~ 90%RH (non-condensing)		
Size (LxWxH)	138x65x22 (mm)	138x65x22 (mm)	220x102x27 (mm)
Weight	165 g	168 g	526 g

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HOW IT WORKS:

- Connect HDMI source device such as DVD to HDMI Splitter's input port.
- Connect your HDTV's input to HDMI Splitter's output port.
- After all the connections have been successfully done, you can watch the HD videos on different HDTVs or displays.

MODEL	HDM2SP-V2	HDM4SP-V2	HDM8SP-V2
Connection diagram			
Product diagram	<p>1. Power LED 2. HDMI Input LED 3. HDMI output 1~2 LED 4. EDID Switchgear 5. DC / 5V 6. HDMI Output 1~2 Port 7. HDMI Input Port</p>	<p>1. Power LED 2. HDMI Input LED 3. HDMI output 1~4 LED 4. EDID Switchgear 5. DC / 5V 6. HDMI Output 1~4 Port 7. HDMI Input Port</p>	<p>1. Power LED 2. HDMI Input LED 3. HDMI output 1~8 LED 4. EDID Switchgear 5. DC / 5V 6. HDMI Output 1~8 Port 7. HDMI Input Port</p>
EDID Setting	<p>*1234 EDID (Switch up = 0, Switch down = 1)</p> <p>0000: automatic EDID 1000: HDMI output 1 0100: HDMI output 2</p>	<p>*1234 EDID (Switch up =0, Switch down=1 X means no operation)</p> <p>X000: Copy Output1EDID X100: 4KX2K60Hz X110: 1080P 2D X011: 4KX2K30Hz X101: 1080P3D</p>	<p>*1234 EDID (Switch up =0, Switch down =1X means no operation)</p> <p>1 2 3 4 X 0 0 0: copy output1 EDID only X 0 0 1: EDID MIX(HDR) X 0 1 0: EDID Download (Rs232) X 0 1 1: 4K/30Hz 2ch X 1 0 0: K/60Hz 2ch X 1 0 1: 1080p 3D 2ch X 1 1 0: 1080p 2D 2ch X 1 1 1: 1080p 2D 5.1ch</p>
<p>There are two working mode for product, normal working mode and upgrading mode, which is decided by DIP EDID switch 1, 1 is upgrading mode, 0 is normal working mode. (switch down is 1, otherwise is 0)</p>			