

# **USER MANUAL**

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## **1x16 HDMI Splitter**

**Model No: HDSP0006M1**

# INTRODUCTION

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## 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.

Our series of HDMI converters, switchers, extenders, matrixes and splitters are designed to make your A/V device use more convenient, more comfortable, more productive and more cost-efficient.

The 1x16 HDMI Splitter allows one HD source to be split easily to sixteen support HDMI signal inputs display .And the 1X16 splitter also supports video EDID setting, The user can do choose one video mode out from the three video modes that include 3D/4K/Pass. 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

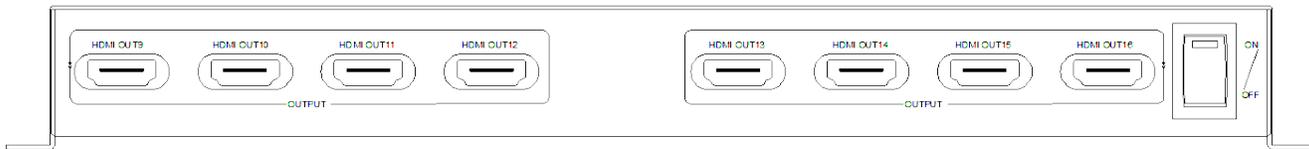
- One HDMI input signal split to sixteen HDMI sink devices
- Support Video Out Resolution Set-up, it can set up as the 4K or 3D video out, Plus it can set up as the Video Pass-through out, at this mode the splitter will output the video resolution as the output display can support.
- Support 3D 4K HDMI signal input and output
- Support deep color 24bit, 30bit, 36bit
- Support Blue-Ray 24/50/60fs/1080P/1080i/720p/576p/576i/480P/480i,24/30fs/2160P
- Digital audio format, as DTS-HD/Dolby-trueHD/LPCM7.1/DTS/Dolby-AC3/DSD
- Support signal retiming
- Support input up to 10metres AWG26 HDMI standard cable length, output up to 10metres AWG26 cable length
- No loss of quality
- Installs in minutes
- Need DC12V/3A power supply

## The accessories with the machines lists as picture:

- 1、 12V Power Adaptor
- 2、 one pc of Manual

## Physical Connection Showing Picture:

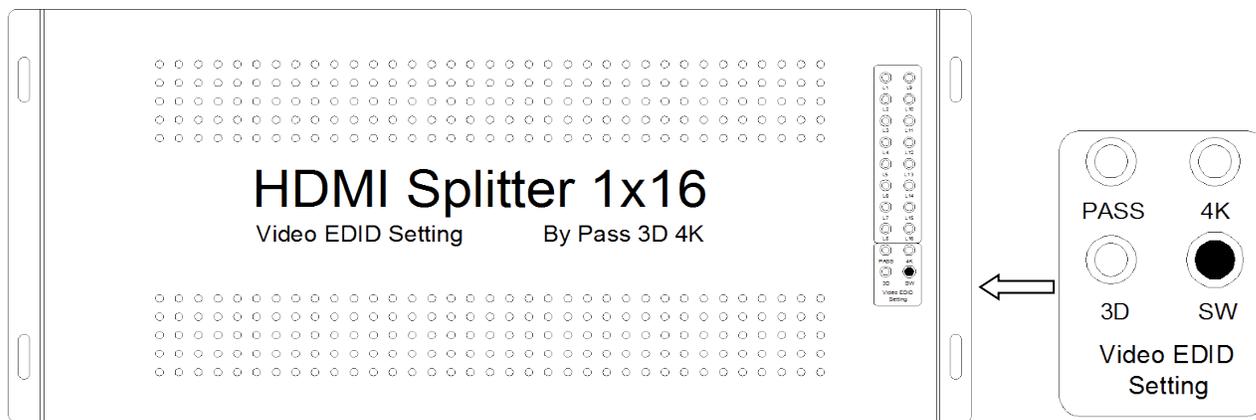
Figure 1.0 Front Panel Showing Picture



Output 9 ~ Output 16: HDMI output interface

ON/OFF: Power Led Status Light

Figure 1.1 Panel Diagram



L1-L16: HDMI output led status

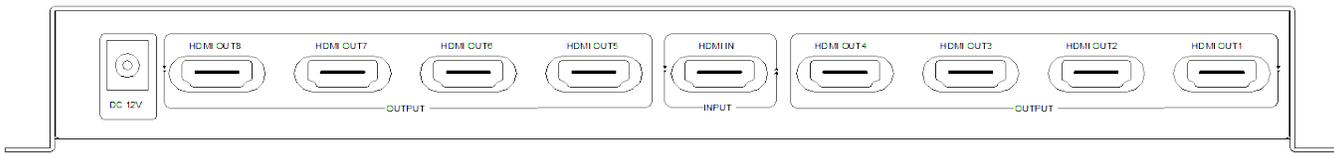
PASS: EDID Pass-through mode, the splitter will output the video resolution as the output display can support.

3D: EDID 3D output mode (the HD Source can output 3D video signal), the splitter will output 3D video signal, if the output display can not support 3D resolution, her will be no image at the display.

4K: EDID 4K Output mode(the HD Source can output 4K video signal),the splitter will output 4K video signal,if the output display can not support the 4K video signal, there will be no image at the display.

SW: To press the switch key can do switch of the EDID video mode.

Figure 1.2 rear panel showing picture



DC 12V: 12V DC-DC Power Interface

Output 1~ Output 8: HDMI output interface

Input: HDMI input interface

### **Operating and Connecting:**

1. Connect one cable from HDMI source devices into HDMI Splitter input.
2. Connect one cable from each display (monitor or projector) into the HDMI Splitter outputs.
3. Connect 12V power supply to the HDMI 1x16 Splitter.
4. Press the switch key can do switch of the three EDID video mode: 3D, 4K and Pass.

## SPECIFICATIONS:

## HDSP0006M1

HDMI resolution .....	24/50/60fs/1080P/1080i/720p/576p/576i/480P/480i,24/30/2160P
Support video color format .....	24bit/30bit,36bit deep color
Support audio format.....	DTS-HD/Dolby-trueHD/LPCM7.1/DTS/Dolby-AC3/DSD
Max bandwidth.....	340MHz
Max transmission bandwidth.....	10.2Gbps
Input/Output TMDS signal .....	0.5~1.5Volts p-p(TTL)
Input/Output DDC signal .....	5Volts p-p (TTL)
Input cable distance.....	≤10m AWG26 HDMI standard cable
Output cable distance.....	≤10m AWG26 HDMI standard cable
Max working current.....	2.0A
Power adapter format..Input: .....	AC (50HZ, 60HZ) 100V-240V; Output: DC12V/3A
Operating Temperature range.....	(0 to +40°C)
Operating Humidity range.....	5 to 85%RH (No Condensation)
Dimension (L x W x H) .....	297x 137x 33 (mm)
Weight.....	1020g

## 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 machine is 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	<ol style="list-style-type: none"><li>1. Check if the power adaptor head is truly and correctly inserted the power socket.</li><li>2. Check the power switch if it is in on status.</li></ol>
2	No Picture	<ol style="list-style-type: none"><li>1. Pls to make sure that the TV is on and has been connected with the machine,.</li><li>2 . To check if the signal source is on and well connected.</li><li>3. Check the system connection quality.</li><li>4. Check if the line is all good quality.</li><li>5. Check the cable quality</li></ol>
3	Obscure Picture	<ol style="list-style-type: none"><li>1. To try again to connect the cable to be free from the unsuccessful connection.</li><li>2. HDMI Cable Quality</li></ol>