



Model No: HD-SP102N

## 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.

Our series of HDMI Converters, switchers, extenders, matrixes and splitters are designed to make you're a/V device use more convenient, more comfortable, more productive and more cost-efficient.

The 1x2 HDMI Splitter that supports Full HD 3D&4k\*2k uses a single HDMI source, accessing to multiple HDMI sinks. The Splitter allows one HDMI devices to be split easily to eight HDMI compatible monitors or projectors. The Splitter can also be placed at the end of a long HDMI cable to regenerate the HDMI signal.

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

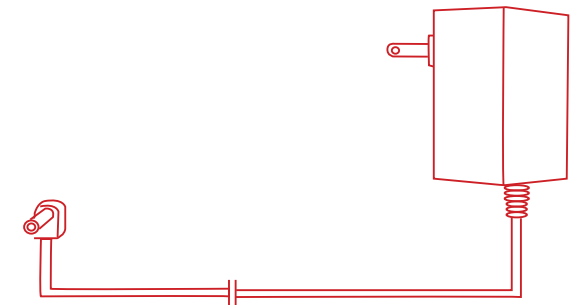
## FEATURES

- One HDM 1.4a input signal split to two HDMI 1.4a sink devices.
- Support 3D.
- Support 4k\*2k resolution.
- Support CEC.
- Support deep color 30bit, 36bit, 48bit.
- Support Blue-Ray 24/50/60fs/HD-DVD/xvYCC.
- Digital audio format, as DTS-HD/Dolby-trueHD/LPCM7.1/DTS/Dolby-AC3/DSD/HD (HBR) 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 DC5V/2A power supply.

The accessories with the machines lists as picture:

- 1 5VPower Adaptor.
- 2 One pc of Manual

Power adaptor



## Physical Connection Showing Picture:

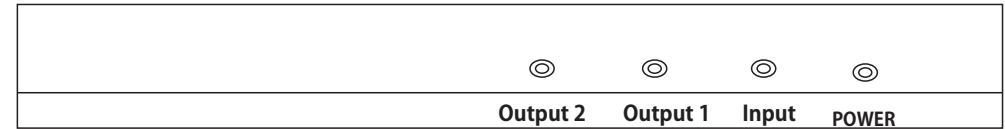


Figure 1.0 Panel Showing Picture

Output1-Output2: Signal Output Led Light  
 Input: Signal Input LED Light  
 POWER: Power LED

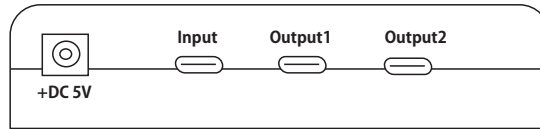


Figure 1.1 rear panel showing picture

+DC 5V: 5V DC-DC Power interface  
 Input: HDMI Input Interface  
 Output1-Output4: HDMI output

### 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 5V power supply to the HDMI 1x4 Splitter.

### SPECIFICATIONS:

	<b>HD-SP102N</b>
HDMI version .....	HDMI 1.4a
HDMI resolution .....	24/50/60fs/1080i/720p/576p/576i/480p/480i
Support video color format .....	24bit/deep color 30bit,36bit,48bit
Support audio format .....	DTS-HD/Dolby-trueHD/LPCM7.1/DTS/Dolby-AC3/DSD HD(HBR)
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 .....	1000mA
Power adapter format Input .....	AC (50HZ, 60HZ): 100V-240V; Output: DC5V/3A
Operating Temperature range .....	(-15 to +55°C)
Operating Humidity range .....	5 to 90%RH (No Condensation)
Dimension (LxWxH) .....	110X52X20(mm)
Weight .....	141g

# HDMI Splitter 1x2

**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 bellow:

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 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>

# HDMI Splitter 1x2