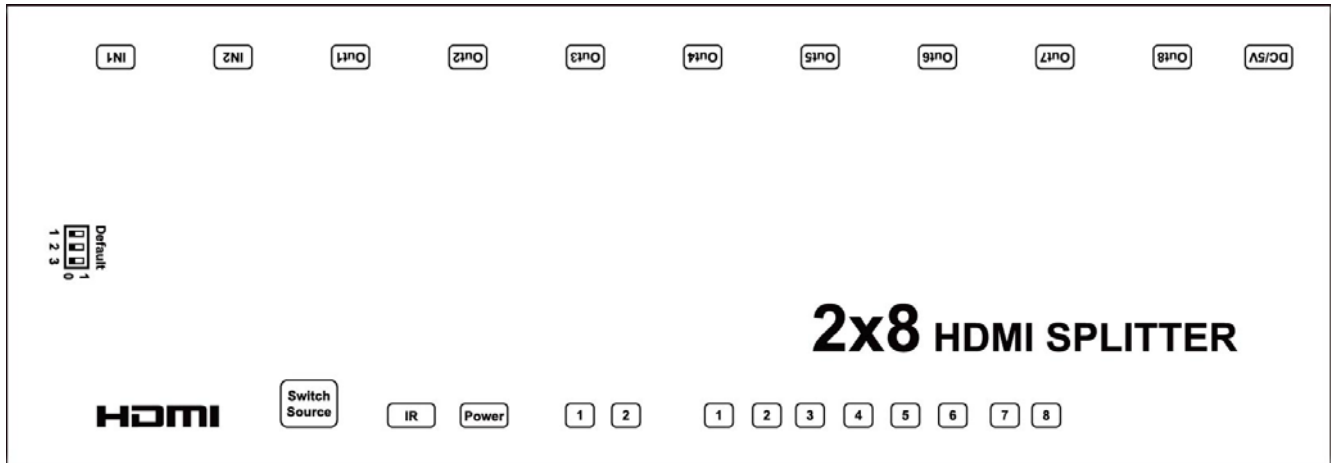


# HDMI Splitter

Model No.:SX-SP248-HD3D

## Operating Instructions



## 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.

## FEATURES

- Select one of 2 different HDMI Signal input sources and switch to 8 HDMI displays simultaneously.
- Manual or with remote controller to select input signals.
- Support resolution up to 1080p.
- Support 3D video format.
- Supports 30/36bit deep color display.
- Support High Definition Audio : Dolby TrueHD, DTS-HD, Master Audio.
- With intelligent EDID setting function.
- DC 5V power supply.

## NOTICE

Our company reserve the right to make changes in the hardware, packaging and any accompanying documentation without prior written notice.

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**SPECIFICATIONS**

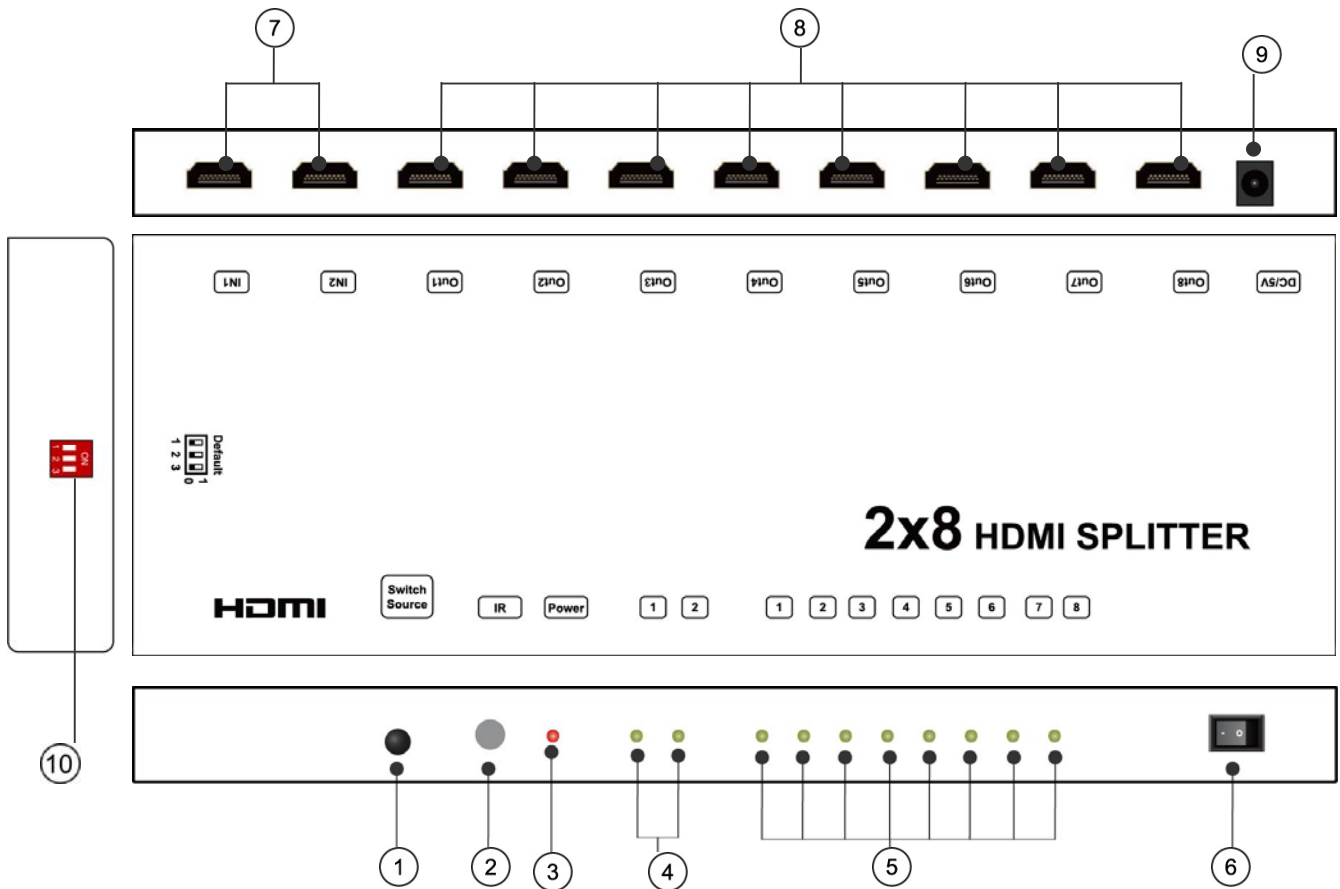
Operating Temperature Range	-5 to +35°C (+23 to +95°F)
Operating Humidity Range	5 to 90%RH (No Condensation)
Input Video Signal	0.5-1.0 Volts P-P
Input DDC Signal	5 volts p-p(TTL)
Data transfer speed rate	6.75Gbps(Maximum)
Video Format Supported	DTV/HDTV: 480i/576i/480P/576P/720P/1080i/1080P 3D video support
Video Output	HDMI +HDCP1.1
Support Video Color Format	xv-YCC/deep color 36bit
Support Audio Format	DTS-HD/true-HD/LPCM7.1/ DTS
Power consumption	7 watts(Maximum)
Dimension (L×W×H)	290mmx99.2mmx25mm
Net Weight	810g

**Note: Specifications are subject to change without notice. Mass and dimensions are approximate.**

**PACKING CONTENTS**

- 1) Main Unit. 2-IN 8-OUT HDMI splitter
- 2) DC5V 3A Power Supply.
- 3) Operating Instructions
- 4) Infrared Remote Controller

## PANEL DESCRIPTIONS



- 1) Source Select Button:Manually select button to switch signal source.
- 2) IR Receiver window.
- 3) Indicator of power Inputs. When power is ON, the corresponding LED lights.
- 4) Indicator of HDMI Inputs. When a HDMI equipment is connected, the corresponding blue LED lights
- 5) Indicator of HDMI output. When a HDMI equipment is connected, the corresponding blue LED lights.
- 6) Power ON/OFF. Press the up/down button to open/close the device.
- 7) HDMI input ports.    8) HDMI output ports.    9) Power input.    10) DIP switch.

## CONNECT AND OPERATE

- 1) Connect the HDMI signal sources(Such as PS3,STB etc) into HDMI inputs.
- 2) Connect the HDMI display devices (such as: HD-LCD,HD-DLP) into HDMI outputs.
- 3) Set the EDID if necessary (refer Page 4).
- 4) Insert the DC side of 5v power supply into Power input.
- 5) Press the power button to open the device.
- 6) Use remote or push the button to select the source.when you choose the source, the 8 displays will show the same HDMI source simultaneously.

**Attention: Insert / Extract cable gently.**

## EDID Function

1).The default mode of this splitter is mix mode (0.0.0). This function applies to the situation when the source's HDMI Version exceeds the sink's HDMI Version, it can be used to fix the deep color ,1080p ,1080i, 2ch audio, multi channel audio issue)

For example :When the TV is HDMI 1.2 version and PS3 Source is HDMI 1.,3 version, it will output HDMI 1.2 version.

2).When the DIP is in mode( 0,0,1) , the splitter will be in copy mode.

For example: When the source is HDMI 1.3, output1 can only support HDMI 1.2, then just set the DIP Switch to copy mode (0,0,1), no matter whether other HDMI output ports which connected to the display supports HDMI 1.3 or not, it will output HDMI 1.2 signal.

3).When the DIP is in mode (0,1,0), all HDMI displays will output 2D signal and stereo audio.

4).When the DIP is in mode (0,1,1), all HDMI displays will output 2D signal and 5.1 audio.

5).When the DIP is in mode (1,0,0) ,all HDMI displays will output 2D signal and 7.1 audio

6).When the DIP is in mode (1,0,1) ,all HDMI displays will output 3D signal and stereo audio

7).When the DIP is in mode (1,1,0) ,all HDMI displays will output 3D signal and 5.1 audio

8).When the DIP is in mode (1,1,1),all HDMI displays will output 3D signal and 7.1 audio

## 9).DIP switch setting

Position ID			
-1-	-2-	-3-	
0	0	0	EDID MIX
0	0	1	EDID copy from output1
0	1	0	EDID HDMI1.2 2CH
0	1	1	EDID HDMI1.2 6CH
1	0	0	EDID HDMI1.2 8CH
1	0	1	EDID HDMI3D 2CH
1	1	0	EDID HDMI3D 6CH
1	1	1	EDID HDMI3D 8CH

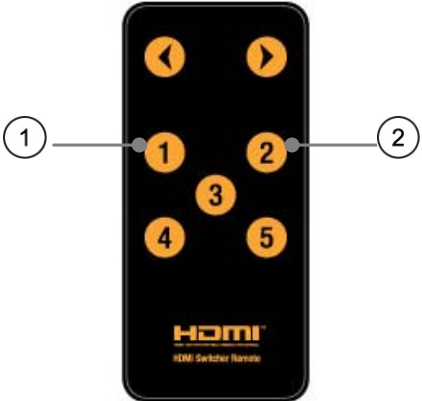
**Note1:** The matrix will mix the EDID data of the sink devices. The mixed EDID data will use the lowest resolution of the video and the least channel number of the audio. For example, some sink device support 1080P, some sink device only support 1080i, some support 5.1 audio, but some only support stereo. Then the mixed EDID will be 1080i and stereo.

**Note2:** If user wants to just use one sink device's EDID data, then please set DIP mode to (0, 0, 1) , connect the sink to output 1.

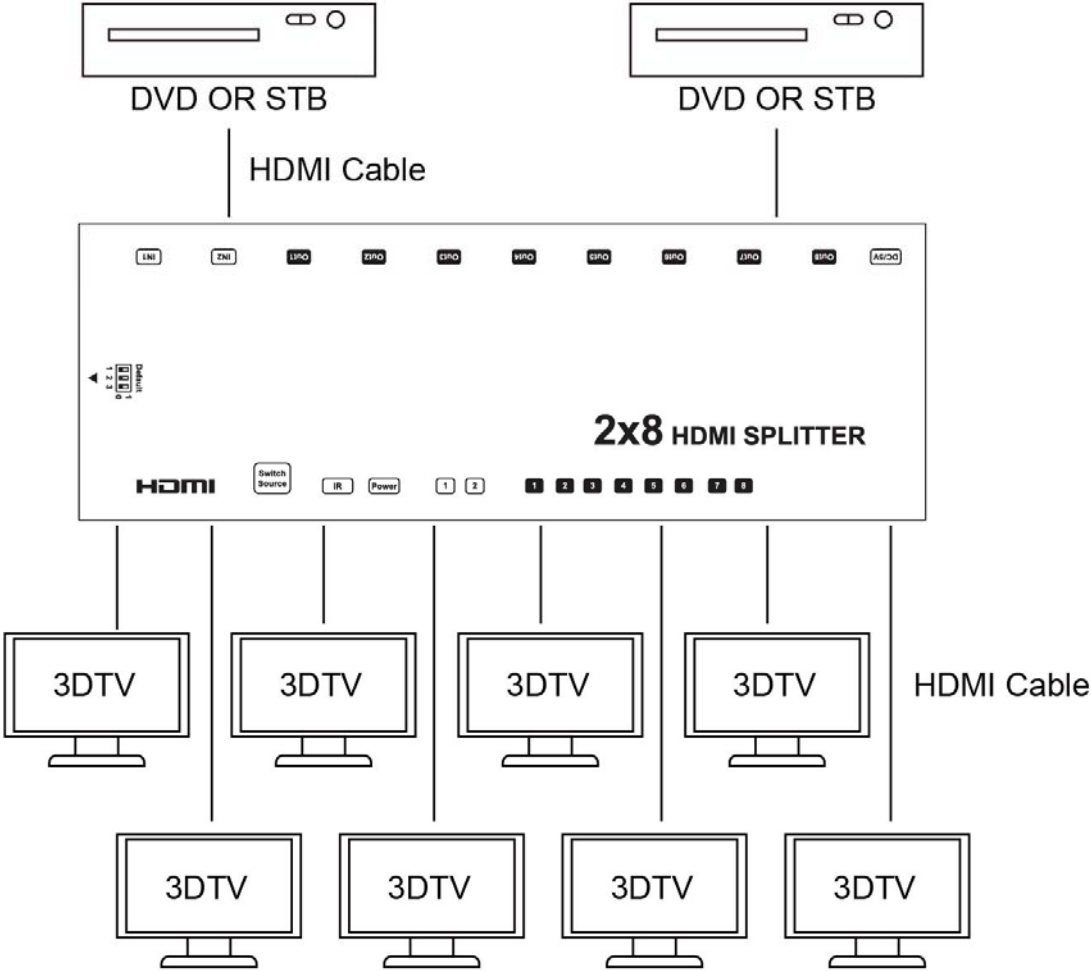
### Remote Description

- ① Button "1"
- ② Button "2"

**Note:** Press button "1" and button "2" to choose the source.



### Connection Diagram



## MAINTENANCE

Clean this unit with a soft, dry cloth. Never use alcohol, paint thinner or benzene to clean this unit.

## PRODUCT SERVICE

**1) Damage requiring service:** The unit should be serviced by qualified service personnel if:

- a. The DC power supply cord or AC adaptor has been damaged;
- b. Objects or liquids have gotten into the unit;
- c. The unit has been exposed to rain;
- d. The unit does not operate normally or exhibits a marked change in performance;
- e. The unit has been dropped or the cabinet damaged.

**2) Servicing Personnel:** Do not attempt to service the unit beyond that described in these operating instructions. Refer all other servicing to authorized servicing personnel.

**3) Replacement parts:** When parts need replacing ensure the servicer uses parts specified by the manufacturer or parts that have the same characteristics as the original parts. Unauthorized substitutes may result in fire, electric shock, or other hazards.

**4) Safety check:** After repairs or service, ask the servicer to perform safety checks to confirm that the unit is in proper working condition.

## WARRANTY

If your product does not work properly because of a defect in materials or workmanship, our Company (referred to as "the warrantor" ) will , for the length of the period indicated as below, **(Parts(2)Year ,Labor(90) Days)** which starts with the date of original purchase ("Limited Warranty period"), at its option either(a) repair your product with new or refurbished parts, or (b) replace it with a new or a refurbished product. The decision to repair or replace will be made by the warrantor.

During the "Labor" Limited Warranty period there will be no charge for labor.

During the "Parts" warranty period, there will be no charge for parts. You must mail-in your product during the warranty period. This Limited Warranty is extended only to the original purchaser and only covers product purchased as new. A purchase receipt or other proof of original purchase date is required for Limited Warranty service.

## Mail-In Service

When shipping the unit carefully pack and send it prepaid, adequately insured and preferably in the original carton. Include a letter detailing the complaint and provide a day time phone and/or email address where you can be reached.

## **LIMITED WARRANTY LIMITS AND EXCLUSIONS**

1) This Limited Warranty ONLY COVERS failures due to defects in materials or workmanship, and DOES NOT COVER normal wear and tear or cosmetic damage. The Limited Warranty ALSO DOES NOT COVER damages which occurred in shipment, or failures which are caused by products not supplied by warrantor, or failures which result from accidents, misuse, abuse, neglect, mishandling, misapplication, alteration, faulty installation, set-up adjustments, misadjustment of consumer controls, improper maintenance, power line surge, lightning damage, modification, or service by anyone other than a Factory Service center or other Authorized Servicer, or damage that is attributable to acts of God.

2) THERE ARE NO EXPRESS WARRANTIES EXCEPT AS LISTED UNDER "LIMITED WARRANTY COVERAGE". THE WARRANTOR IS NOT LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THIS PRODUCT, OR ARISING OUT OF ANY BREACH OF THIS WARRANTY. (As examples, this excludes damages for lost time, cost of having someone remove or re-install an installed unit if applicable, travel to and from the service, loss of or damage to media or images, data or other recorded content. The items listed are not exclusive, but are for illustration only.

3) PARTS AND SERVICE, WHICH ARE NOT COVERED BY THIS LIMITED WARRANTY, ARE YOUR RESPONSIBILITY.