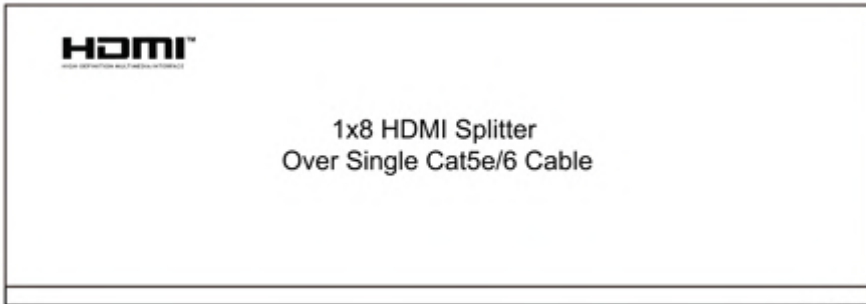


# HDMI Splitter

MODEL: SX-SP20

## 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

- Distributes 1 input HDMI signal to 1 HDMI output and 7 UTP method HDMI outputs.
- Transmission distance up to 50m under 1080P@60Hz over Single Cat5e or Cat6 cable
- Supports High Definition Audio : Dolby TrueHD, Digital Plus, DTS-HD Master Audio.
- Supports 30/36bit deep color display.
- Support 3D technology
- DC 5V power

### NOTICE

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

## TABLE OF CONTENTS

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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)
Video Amplifier Bandwidth	140MHz
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	VGA:640x480,800x600,1024x768,1080x1024 DTV/HDTV:480i/576i/480P/576P/720P/1080i/1080P 3D video support
Vertical Frequency range	60Hz
Support Video Color Format	xv-YCC/deep color 36bit
Support Audio Format	DTS-HD/true-HD/LPCM7.1/AC3/DTS/DSD
Transmission Distance	1080P 8-bit 50m( If needed, HDMI extender is Optional ) Over single cat5e or cat6 cable/24AWG/Solid
Power consumption	19.5watts(Maximum)
Dimension (L×W×H)	L405xW155xH65mm
Net Weight	830g

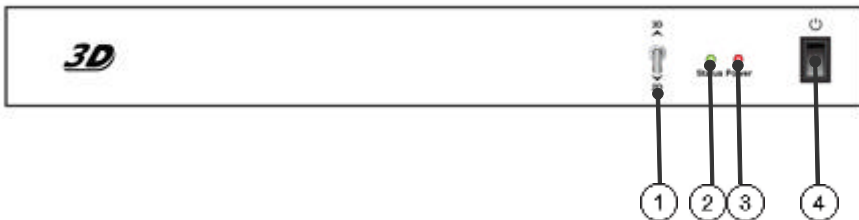
Note: Specifications are subject to change without notice. Mass and dimensions are approximate.

## PACKING CONTENTS

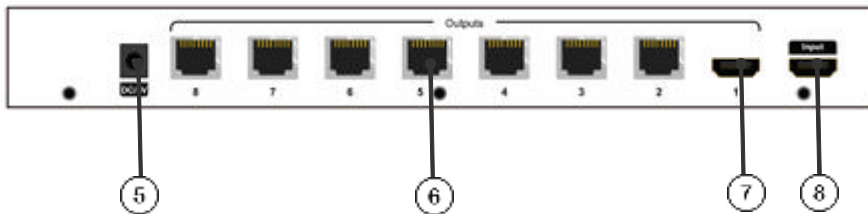
- 1) Main Unit. 1x8 HDMI Splitter over single Cat5e/6 cable
- 2) DC5V 4A Power Supply
- 3) Operating Instructions

## PANEL DESCRIPTIONS

Front Panel



Rear Panel



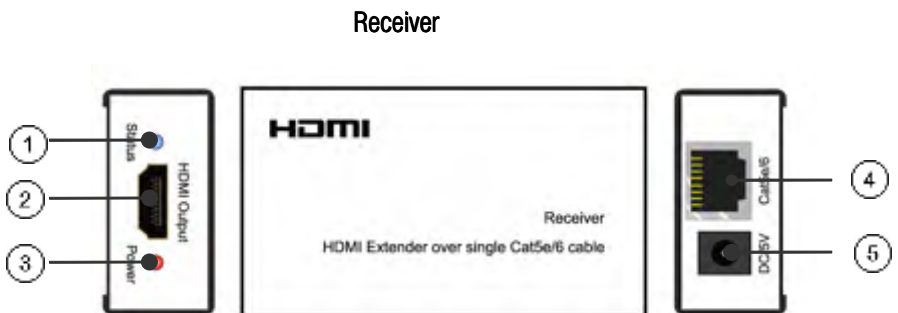
- ① Toggle: Select 3D Mode when source and sink are 3D format.
- ② Indicator of HDMI input
- ③ Power indicator
- ④ Power button
- ⑤ Power input port
- ⑥ UTP output ports
- ⑦ HDMI output port
- ⑧ HDMI input port

## CONNECTING AND OPERATING

- 1) Connect the HDMI input sources into HDMI splitter (Input cables are optional).
- 2) Connect single CAT-5E/6 cables to both the outputs (2 to 8)of HDMI splitter and inputs of Cat5e/6 receiver (The cable termination must follow the standard of EIA/TIA 568B ).
- 3) Connect the HDMI output (such as HD-LCD/HD-DLP) into the receiver(HDMI output)
- 4) Insert the DC side of 5v power supply into HDMI splitter and receiver then connect the AC side of the power supply into the wall outlet.
- 5) Turn on the power of HDMI splitter.

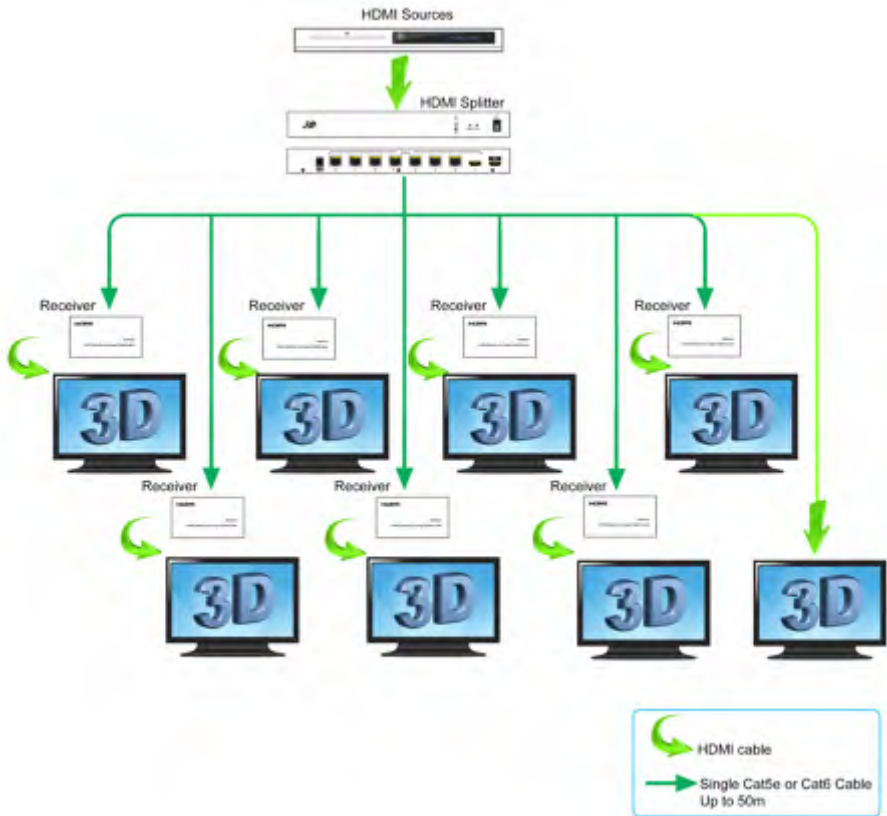
**Important:**Select 3D Mode when source and sink were 3D format.

## PANEL DESCRIPTIONS



- ① Status of signal connection
- ② HDMI output
- ③ Status of power input
- ④ Cat5e/6 input
- ⑤ Power input

## Typical Application



## MAINTENANCE

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