HDMI Splitter

Model No.:SX-SP17

Operating Instructions

HDMI™
HIGH-DEFINITION MULTIMEDIA INTERFACE

1x4 HDMI SPLITTER
VIA UTP CABLE

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

- 1 HDMI input,Four UTP method HDMI outputs are synchronized
- IR call back function to control the source from TV side.
- HDMI 1.3b
- DIP switch setting to control EDID.
- Support 3D video format

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℃ (-41 to 95℉)
Operating Humidity Range……………………………5% to 90% RH (No Condensation)
Video Amplifier Bandwith...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
SDTV/HDTV:
480i/576i/480P/576P/720P/1080i/1080P
3D video support
HDMI Output………………………………….....................................……HDMI1.3b
Maximum Transmission Distance.................50m (If needed, HDMI extender is optional)
Vertical Frequency Range………………………………………………...…………....……60Hz
Power consumption………………………………….………….................................8watts
Dimension (L×W×H)…………………………………………….....................175x115x40mm
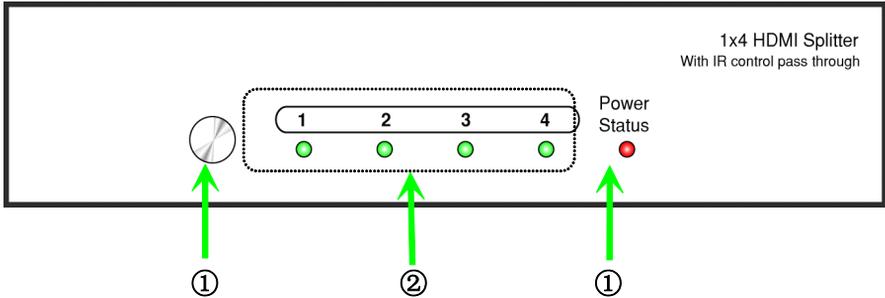Net Weight…………………………………………………………………………….......575g

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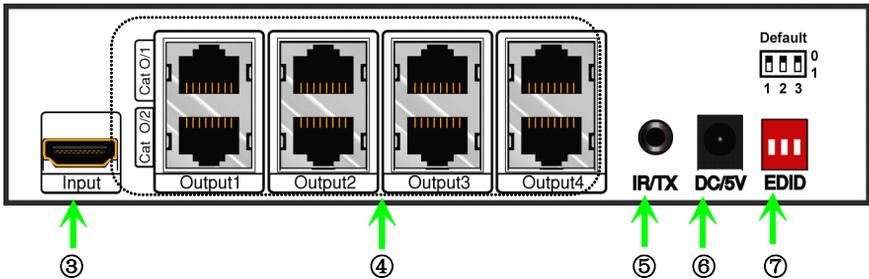
PACKING CONTENTS

1) Main Unit. 1x4 HDMI Splitter via UTP cable

2) DC5V 3A Power Supply

3) Operating Instructions

4) IR-TX cable

5) Mounting ears

PANEL DESCRIPTIONS

Front Panel

Rear Panel

①Power button:when power on,the power status LED lit
②Indicators of HDMI output:when a HDMI equipment i connected the corresponding LED lit
③HDMI input port   ④UTP out ports
⑤IR/TX output port   ⑥ Power input port
⑦EDID setting

CONNECTING AND OPERATING

1) Connect the HDMI input sources into HDMI splitter(Input cables are optional).

2) Connect two CAT-5E/6 cables to both the STP/UTP outputs of HDMI splitter and inputs of STP/UTP receiver . Please pay attention to the sequence of the two cables,Cat O/1->receiver 1, CatO/2->receiver 2. (The cable termination must follow the standard of EIA/TIA 568B,).

3) Connect the HDMI output (such as HD-LCD/HD-DLP) into the STP/UTP receiver.

4) Connect the IR RX receiving cable into STP/UTP receiver IR RX and connect The IR TX cable into 1x4 HDMI splitter IR emitter.

5) Insert the DC side of 5v power supply into 1x4 HDMI splitter and then connect the AC side of the power supply into the wall outlet.

6) Turn on the power.

Attention: DIP Switch EDID setting index

Position1	Position2	Position3	Function
0	0	0	1080P stereo (Using Embedded EDID)(note 1)
0	0	1	1080P 5.1 (Using Embedded EDID)(note 2)
0	1	0	Edid auto mix, mix result is compatible with all HDMI sinks(note 3)
0	1	1	copy the first detected HDMI output's edid to the input port(note 4)
1	0	0	LC mode, 1080P stereo (Using Embedded EDID)(note 5)
1	0	1	LC mode, Edid auto mix, mix result is compatible with all HDMI sinks (note 6)
1	1	0	LC mode, copy the first detected HDMI output's EDID to the input port(note 7)
1	1	1	Fix single UTP output(note 8)

Note1: The splitter will use the embedded 1080P-stereo EDID when the DIP switch is in this mode. The EDID will be 1080P video and stereo audio

Note2: The splitter will use the embedded 1080P-5.1 EDID when the DIP switch is in this mode. The EDID will be 1080P video and 5.1 audio

Note3: The splitter will mix the EDID data of all HDMI sinks. And forward this mixed EDID to the HDMI source device. The thought of EDID mixing is to enable all the connected sink device can have video and audio they can output. For example, One TV is 1080P, stereo, another is 1080i, 5.1 audio. The mixed EDID will be 1080i, stereo audio

Note4: Copy the EDID data to the input port. It will copy the EDID data from the first detected output port

Note5: Please refer to Note1. The only difference is that if video appears noise or interference when the long HDMI/UTP cable is used or the quality of HDMI/UTP cable is not so good, use this mode.
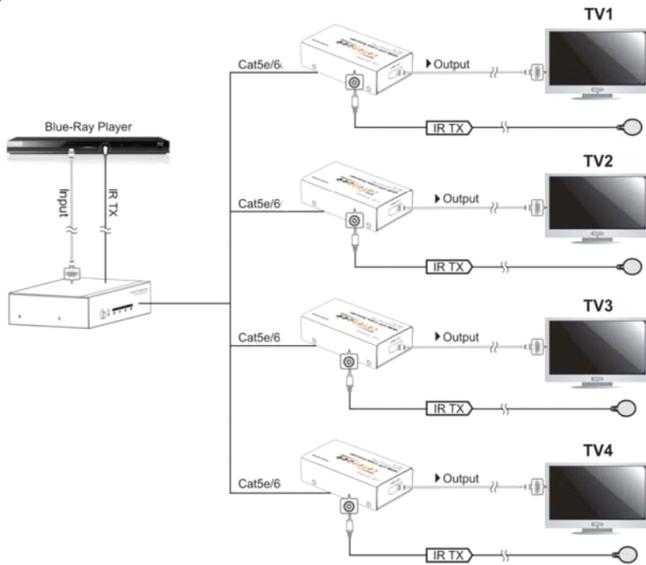
Note6: Please refer to Note 3. The only difference is that if video appears noise or interference when the long HDMI/UTP cable is used or the quality of HDMI/UTP cable is not so good, use this mode

Note7: Please refer to Note 4.The only difference is that if video appears noise or interference when the long HDMI/UTP cable is used or the quality of HDMI/UTP cable is not so

good, use this mode

Note8: Fix single UTP output, use the embedded 1080P-stereo EDID

Typical Application

MAINTENANCE

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