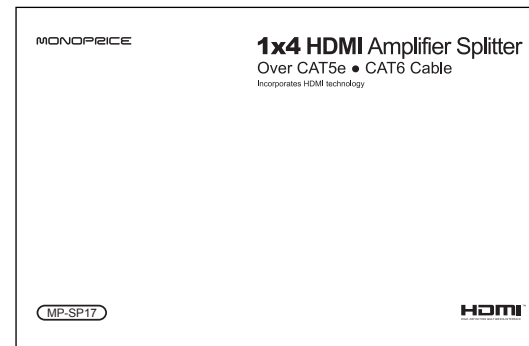


HDMI Splitter over UTP cable

Model No.:MP-SP17

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 4 identical UTP outputs, 4 outputs are synchronized.
- Transmission distance up to 50m under 1080P@8-bit (the transmission distance for the receiver also need up to 50m)
- IR call back function to control the source from TV side.
- DIP switch setting to control EDID.
- Supports Resolutions up to 1080p
- Supports High Definition Audio: Dolby TrueHD, DTS-HD Master Audio
- Supports 30/36bit deep color display.
- With Mounting ears to fix the unit
- Support 3D video format
- DC 5V power

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 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)
Support Video Format	VGA:640x480,800x600,1024x768,1080i/1024 DTV/HDTV:480i/576i/480P/576P/720P/1080i/1080P 3D video
Vertical Frequency range	60Hz
HDMI Output	HDMI 1.3 b+HDCP1.2
Support Video Color Format	xv-YCC/deep color 36bit
Support Audio Format	DTS-HD Master Audio、Dolby true-HD etc.
Transmission Distance	1080P 8-bit 50m(If needed, HDMI extender is optional)Over UTP cat5e/6 cable/24AWG/Solid
Power consumption	10watts(Maximum)
Dimension (L×W×H)	175x115x40mm
Net Weight	575g

Note1: Specifications are subject to change without notice. Mass and dimensions are approximate.

Note2: When in 36Bits deepcolor mode, we suggest set the HDMI source device to output 1080i or 720p.



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

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.

Connecting and Operating

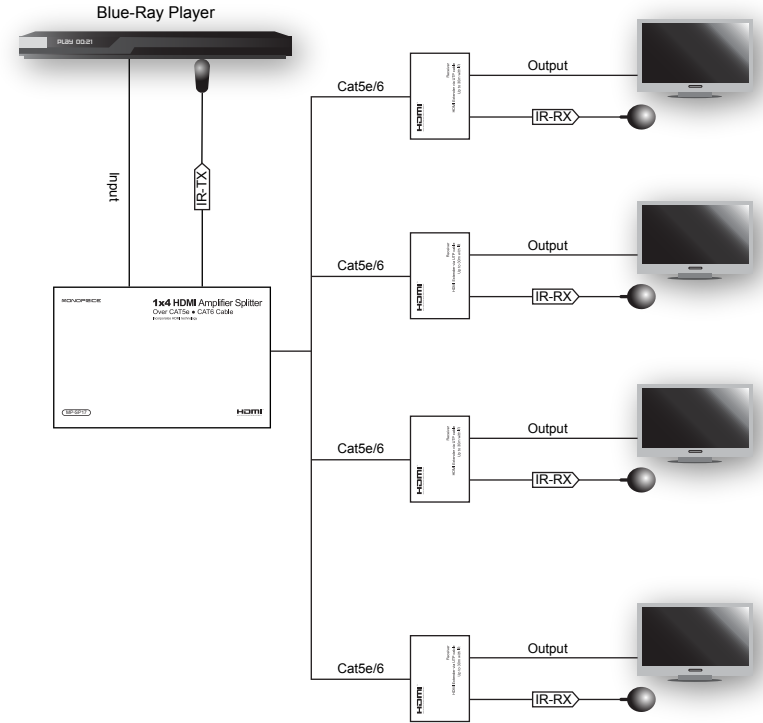
- 1) Connect the HDMI input sources into HDMI splitter(Input cables are optional).
 - 2) Connect two CAT-5E/6 cables to both the STP/UTP outputs of HDMI splitter and inputs of STP/UTP receiver . Please pay attention to the sequence of the two cables,Cat 0/1->receiver 1, Cat0/2->receiver 2. (The cable 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) Plug the 5VDC power supply into HDMI splitter and the unit is ready to use .
 - 6) Turn on the power.
- Attention: Insert/Extract cables gently.

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 or benzene to clean this unit.

PRODUCT SERVICE

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

- 1>The DC power supply cord or AC adaptor has been damaged;
- 2>Objects or liquids have gotten into the unit;
- 3>The unit has been exposed to rain;
- 4>The unit does not operate normally or exhibits a marked change in performance;
- 5>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(1)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 of 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.

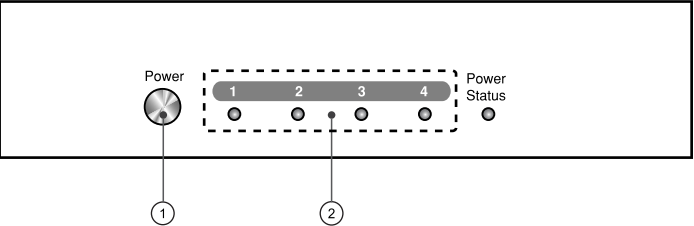
During the "Parts" warranty period, there will be no charge for parts. You must mail-in your product during the warranty period. This Limited Warranty is extended only to the original purchaser and only covers product purchased as new. A purchase receipt or other proof of original purchase date is required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

MAIL-IN SERVICE

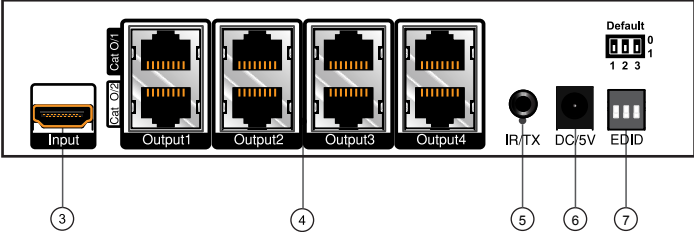
When shipping the unit carefully pack and send it prepaid, adequately insured and preferably in the original carton. Include a letter detailing the complaint and provide a day time phone and/or email address where you can be reached.

PANEL DESCRIPTIONS

Front Panel



Rear Panel



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