PRO-SIGNAL

1080P HDMI EXTENDER SPLITTER 120M
PSG3427

Please read these instructions carefully before use and retain for future reference.

IMPORTANT SAFETY INFORMATION

When using electrical appliances basic safety precautions should always be followed.

- To prevent fire or shock hazard, do not expose this product to rain or moisture.
- Check that the power supply matches the mains voltage.
- Only use the power supply provided or one of identical specification.
- Beware of static electricity which may damage the device. Use ESD precautions when installing.
- Ensure the IR remote extender cables are connected to the correct devices.
- Do not plug or unplug cables while the devices are powered on.

WHAT'S INCLUDED

- HDMI Extender and 4 x Receiver
- Power Adapter 230VAC to 5VDC 2A and 4 x Power Adapter 230VAC to 5VDC 1A
- Operation Manual
- IR remote extender
- 4 x IR remote receiver

FEATURES

- Based on HDbitT technology for a more stable performance.
- Distribute 1 HDMI source to 4 HDbitT outputs.
- Supports full HD resolution 1080p@60Hz.
- Support cascade connection by switch or router.
- Compatible with existing network, will not affect other network traffic.
- Plug and play setup.
- Convenient wall-mountable design.

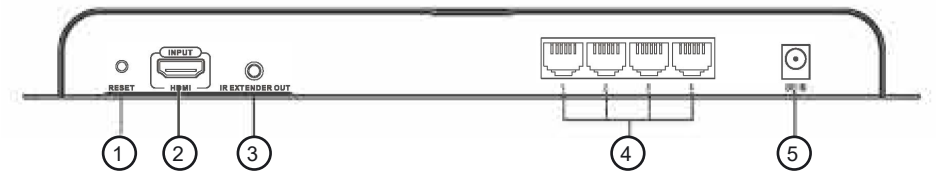
OVERVIEW

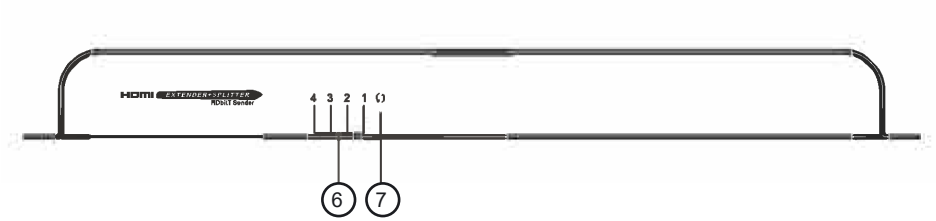
This HDMI Extender allows a source HDMI signal to be split to 4 receivers and displays over a range of up to 120meters at 1080p resolution using a CAT6/6A/7 network cable.
Requirements:

1. HDMI source device (PC, DVD, PS3) HD monitoring equipment etc.
2. HDMI display device like SDTV, HDTV, projector with HDMI port.
3. UTP/STP CAT6/CAT6A/CAT7 cable. Follow standard IEEE-568B,

NOTE: It is recommended to use a high quality network cable to avoid signal loss and crosstalk.

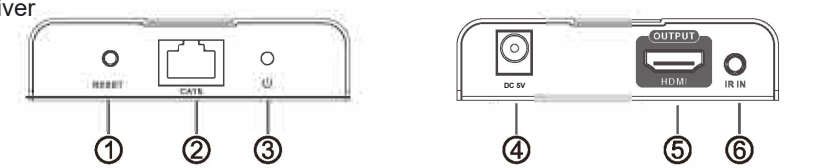
Transmitter





1. Reset button	Press to restart the device
2. HDMI input	Connect with the source device
3. IR out	Connect with IR extension cable
4. RJ45 signal output	Connect with network cables
5. 5VDC input	Connect with 5VDC/2A power adapter
6. Connection LEDs	Illuminates when a good network connection is attained
7. Transmission LED	Illuminates during data transmission

Receiver



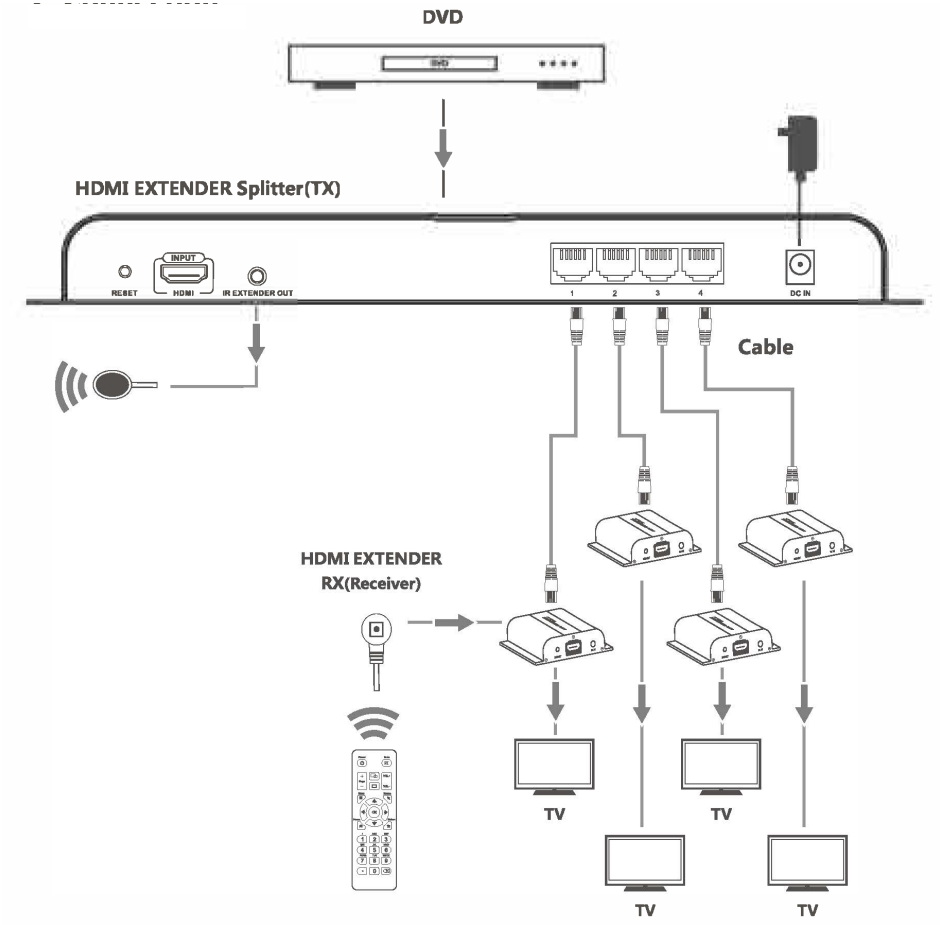
1. Reset Button	Press to restart the device
2. RJ45 signal input	Connect with CAT6 or better network cable
3. Power/Signal indicator	Power LED illuminates when connect with the power adapter. Red light indicates no image transmission, blue light indicates data is being transmitted
4. Power input	Connect with 5VDC/1A power adapter
5. HDMI output	Connect with HDMI display device
6. IR signal in	Connect with IR receiver extension cable, please make sure the remote control used is within the effective range

CAT CABLE REQUIREMENT

Follow the standard of IEEE-568B, It is recommended to select a high quality network cable with less loss and crosstalk.

INSTALLATION

- Connect the HDMI input on the extender with the source device.
- Connect the extender TX RJ45 output ports to the receivers either directly using CAT6 or better cable, or using high quality patch cables, connect via an existing network.
- Connect HDMI output of HDMI extender RX to HDMI input of HDTV and set the TV source input to correct HDMI input channel.
- Connect the 2A power supply output to the extender and the 1A power supply output to the receivers 5V DC input and connect the PSUs to the mains and turn on the power. The power LED on the front panels should illuminate.



IR User Guide:

- IR receiver extension cable should be connected to the IR IN port of the receiver.
- The IR emitter extension cable should be connected to the IR OUT port of the transmitter.
- The emitter of the IR extension cable should face as close as possible to the IR receiving window of the source device.
- Face the receiving head of the IR receiver extension cable toward the user for unobstructed line of sight to the remote control.
- The IR receiver detects the users remote control and transmits the signal down the network cable to the IR emitter which replicates the IR output to control the source device.

CAT CABLE REQUIREMENT

Follow the standard of IEEE-568B, It is recommended to select a high quality network cable with less loss and crosstalk.

SPECIFICATIONS

Input	HDMI×1 (Type A, 19 pin, female)
Output	HDbitT×4 (RJ45 connector)
Transport protocol	HDbitT
Transmission distance	CAT5/80 meters, CAT5e/100 meters, CAT6/120 meters
Video support	480i@60Hz, 480p@60Hz, 576i@50Hz, 576p@50Hz, 720p@50/60Hz, 1080i@50/60Hz,1080p@50/60Hz
Audio format	PCM
TMDS signal	0.5~1.5Vp-p (TMDS)
DDC signal	5Vp-p (TTL)
IR passback	Support 20~60KHz IR frequency devices
HDCP	HDCP1.2
Housing	Metal enclosure
Dimensions	252(W)x97.5 (D) x25 (H) mm
Net weight	535g
Power supply	DC 5V 2A transmitter / DC 5V 1A receiver
Power consumption	<10W
Operating temp	0~60°
Storage temp	-20~70°
Relative humidity	20-90% (no condensation)

CLEANING & MAINTENANCE

Clean the outside casing with a soft cloth lightly moistened with mild soap and water. Never use any abrasive or solvents.

INFORMATION ON WASTE DISPOSAL FOR CONSUMERS OF ELECTRICAL & ELECTRONIC EQUIPMENT.

When this product has reached the end of its life it must be treated as Waste Electrical & Electronic Equipment (WEEE). Any WEEE marked products must not be mixed with general household waste, but kept separate for the treatment, recovery and recycling of the materials used. Contact your local authority for details of recycling schemes in your area.

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