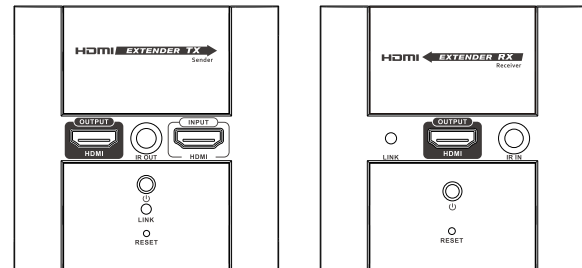# HDMI Wall plate Extender

User manual

- **Important Safety Notice**

  Please read below safety instructions carefully before installation and operation:

  1. Do not expose this unit to rain, moisture and liquid.
  2. Do not put any stuff on it.
  3. Do not expose power lines on the unit surface to avoid the danger of electric shock.
  4. Do not plug the device and connect cables when the device with power on to avoid cables damage.
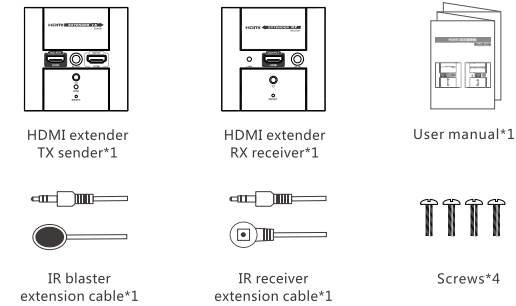 5. Shut off power and make sure environment is safe before installation.

1. Introduction

HDMI wall plate extender is a wall plug type extender. It is made up of a sender and a receiver separately fixed on wall and can transmit up to 50 meters via single cat6 cable. IR is supported to allow controlling source device at the end of display.

2. Features

1. It is made up of a sender panel and a receiver panel. Plug and play.
2. Support AC 110-240V power input.
3. Use Cat6/6A/7 for long distance transmission.
4. Transmit 50 meters via cat6 cable 1080p 60Hz.
5. Auto adjustment for different network cable length.
6. Zero signal loss and pure hardware design.
7. Support IR remote control.
8. Attractive wall plate design.

3. Package contents

HDMI extender TX sender*1

HDMI extender RX receiver*1

User manual*1

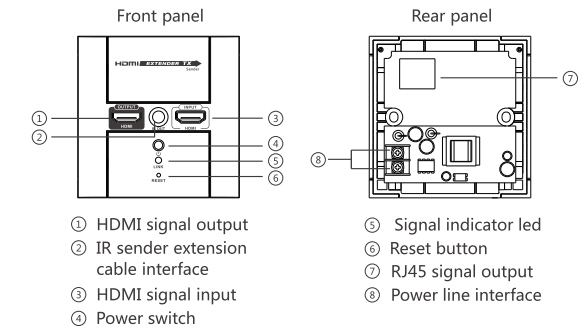IR blaster extension cable*1

IR receiver extension cable*1

Screws*4

4. Installation Requirement

1). HDMI source device (DVD, PS3, Set top box, PC etc).
2). HDMI display device like SDTV, HDTV, and projector with HDMI port.
3). UTP/STP cat6/6A/7 cable, follow standard IEEE-568B

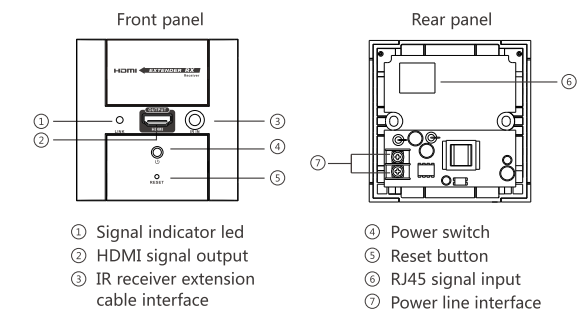|		
1-Orange/white	2-Orange	3-Green/white
4-Blue	5-Blue/white	6-Green
7-Brown/white	8-Brown	

4). Bottom case: standard type 86 case.

5. Panel description

5.1 HDMI Extender TX sender

Front panel

Rear panel

① HDMI signal output
② IR sender extension cable interface
③ HDMI signal input
④ Power switch

⑤ Signal indicator led
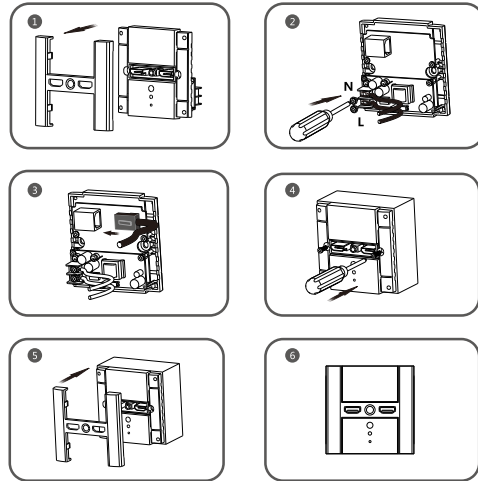⑥ Reset button
⑦ RJ45 signal output
⑧ Power line interface

Note: signal indicator led. It lights on all the time with HDMI signal input,flashes with no signal input.

5.2 HDMI extender RX receiver

Front panel

Rear panel

① Signal indicator led
② HDMI signal output
③ IR receiver extension cable interface

④ Power switch
⑤ Reset button
⑥ RJ45 signal input
⑦ Power line interface

Note: signal indicator led. It lights on all the time with HDMI signal transmission,flashes with no signal transmission.
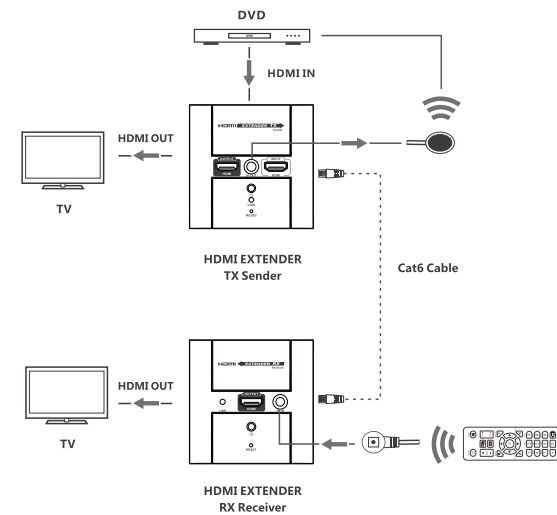
6. Installation procedure

Note: please shut off power before installation

❶ Open the extender wall plate cover.
❷ Connect power line: use screw driver to unscrew and connect power line according to the mark on the base. "L" is live line and "N" is neutral line.
❸ Connect network cable: make network crystal head as per the standard IEEE-568B (please refer to 4.3). Connect crystal head to receiver RJ45 interface.
❹ Install the accessory screws to the corresponding positions to fix the extender wall plate to the base.
❺ Fasten the cover to the extender wall plate.
❻ Installation is done.

7. Connection

8. FAQ

Q: No image output or audio and video display is not normal?
A: 1) Press RX "RESET" button to reset the device.
    2) Try shorter network cable and reconnect.

Q: RX "LINK" led is flashing all the time?
A: 1) Make sure network cable connection follows the standard of IEEE- 568B.
    2) Check whether TX has HDMI signal input.
    3) Reset TX&RX and reconnect.

Q: RX "LINK" led lights on all the time but no image output?
A: 1) Press RX "RESET" button to reset the device.
    2) Make sure HDMI cable is well connected with TV.
    3) Plug out/in network cable or repower RX.

9. Specification

Item	Specification
HDMI signal	Compatible with HDCP
Support resolutions	480i@60Hz, 480p@60Hz, 576i@50Hz, 576p@50Hz, 720p@50/60Hz, 1080i@50/60Hz, 1080p@50/60Hz
Network cable	low resistance and consumption oxygen-free copper core (Cat6/6A/7)
Transmit distance	Cat6: 60m at 1080p 60Hz
IR remote control	Support 20~60kHz wide frequency IR remote control
Working temperature	0℃ ~ 60℃
Power supply	AC 110-240V
Power consumption	TX: 2W RX<2W
Panel material	PC+ABS fireproof material
Product dimension	86(W) x 86(D) x 37(H) mm *2pcs
Weight	TX:93g RX: 90g
Color	White