

HDMI & Infra-Red Cat5e/6 Extender UTP Balun

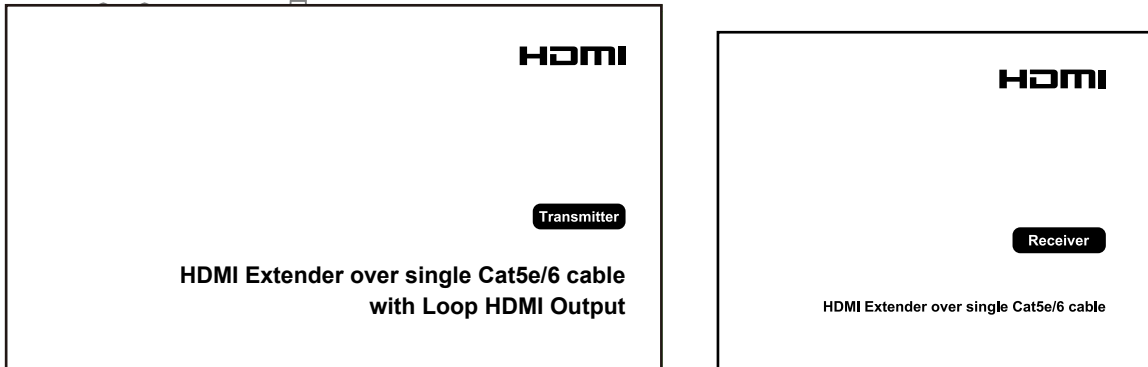
Operating Instructions



This long distance HDMI balun converter allows a 1080p HDMI source to be extended up to 50m away using economical Cat 5e or 6 UTP cabling - without sacrificing signal quality! Infra-red control signals can also be relayed both ways, allowing you to control your equipment remotely. Extended Display Identification Data (EDID) can be read and saved from the display. Ideal for situations where HDMI source devices are located greater than 15m away from the screen. HDMI loop output on transmitter for local viewing.

HDMI Extender over single Cat5e/6 cable With Loop HDMI Output

Operating instruction



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.

Notice

The information in this document is subject to change without notice. Every effort has been made in the preparation of this document to ensure accuracy of the contents, but all statements, information, and recommendations in this document do not constitute the warranty of any kind, express or implied.

Features

- Each set includes one transmitter and one receiver.
- Transmit Over 50m single CAT5e/6 without signal loss.
- Support 1xLoop HDMI output on the transmitter.
- Support high definition resolution up to Full HD 1080p.
- Support Dolby True-HD, DTS-HD Master audio.
- EDID reading and saving from display.
- With Bi-Direction wideband IR (38~56 kHz).
- Support 3D.

Specifications

Operating Temperature Range	-5 to +35 °C (+23 to +95 °F)
Operating Humidity Range	5 to 90%RH (No Condensation)
Data transfer speed	6.75Gbps
Connectors on Transmitter	HDMI Receptacle x 2 (1xHDMI input, 1xHDMI loop output) RJ45 Receptacle x 1 Power DC Receptacle x 1 IR Receptacle x 2(for IR TX and RX cable)
Connectors on Receiver	HDMI Receptacle x 1 RJ45 Receptacle x 1 Power DC Receptacle x 1 IR Receptacle x 2(for IR TX and RX cable)
Resolution outputs	1080p/1080i/720p/576p/480p
Audio format supported	DTS-HD Master Audio, Dolby True HD, multi-channel 5.1, stereo etc
Output Video Signal	HDMI
Dimension (L×W×H)	TX: L127.1xW70.6xH28.2mm RX: L85xW65xH24mm
Power supply	DC 5V Power supply
Power consumption	3.5W(MAX)
Transmission Distance	1080p up to 50m ⁽¹⁾
Net Weight	480g (1 Pair)
IR wavelength & frequency	Wavelength: 940nm IR Frequency: 38KHz - 56KHz

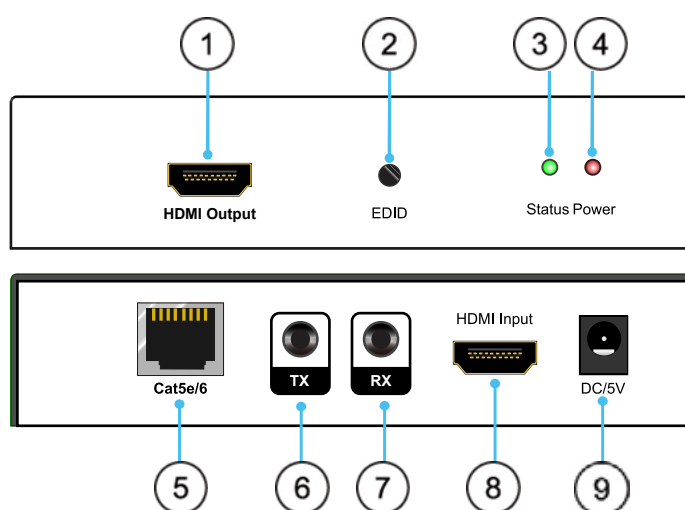
Note:1.Under perfect transmission conditions including straight cable runs with no electrical interference, bends, kinks, patch panels or wall outlets.

Package Contents

- 1xHDMI Transmitter
- 1xHDMI Receiver
- 2 x IR TX Emitter
- 2x IR RX Receiver
- 2x5V/1A DC Adapter
- 1xUser Manual

Panel Description

Transmitter Panel

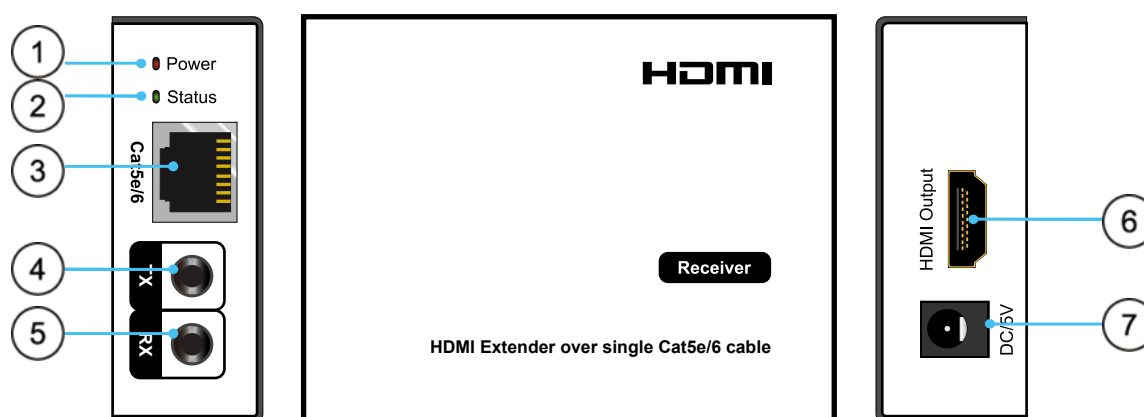


- 1 . HDMI Output.
- 2 . EDID copy button.⁽¹⁾
- 3 . Status of power input. When power input on, the LED lights.
- 4 . Status of signal connection. When this works well, the LED lights.
- 5 . CAT-5E/6 output.
- 6 . IR TX.
- 7 . IR RX.
- 8 . HDMI Input.
- 9 . Power input, 5VDC.

Note1: When the sink can't display the signal, try to connect HDMI output port of the transmitter to the display device. Plug the power supply into Transmitter, press the "EDID copy button" and the light flashes, the EDID data has been copied from the display device successfully, at least press "EDID copy button" for 3 seconds, The EDID will be reset to the default setting.

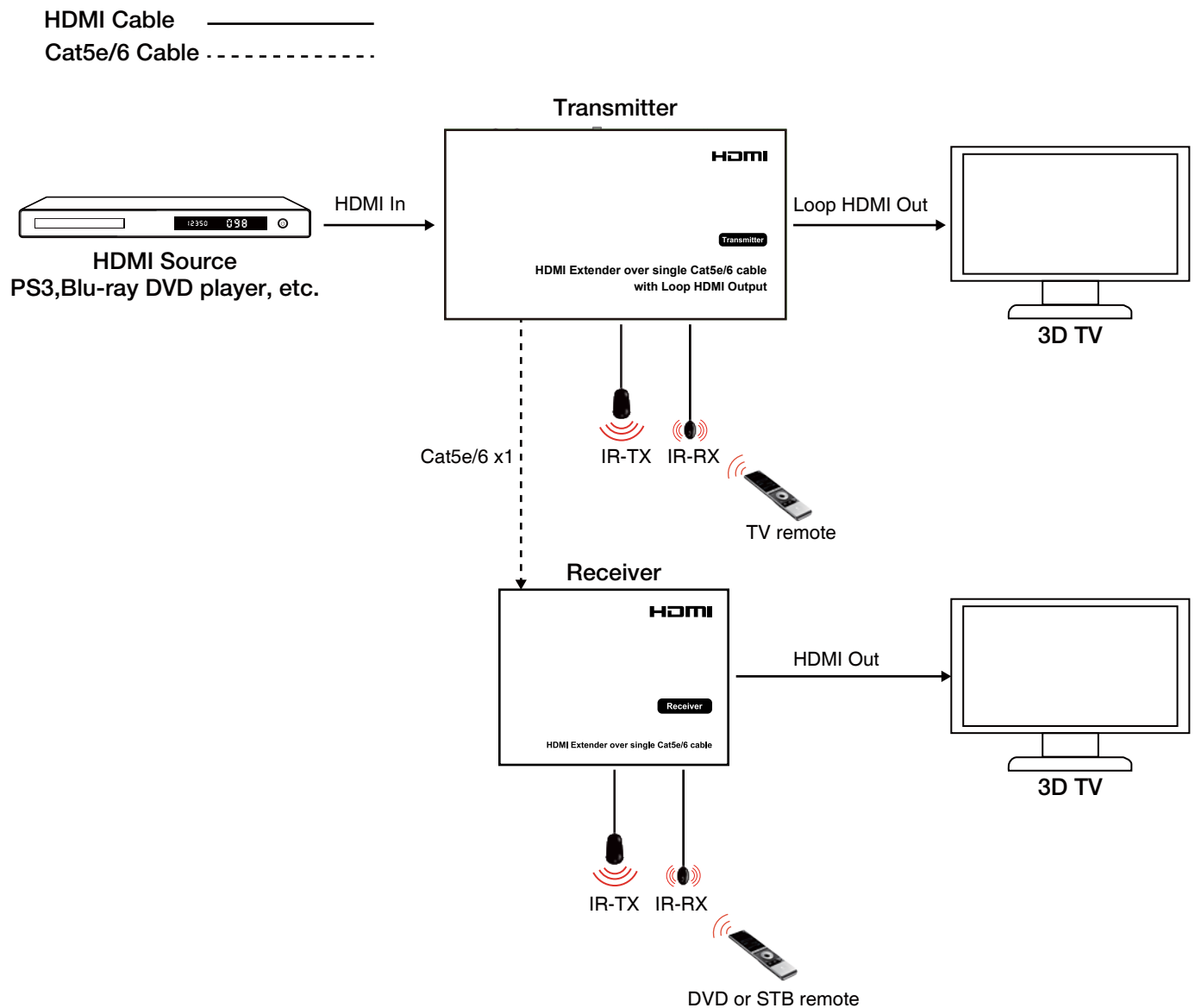
Note2: The distance is 40m under 5.1CH or 7.1CH.

Receiver Panel



- 1 . Status of signal connection. When this works well, the LED lights
- 2 . Status of power input. When power input on, the LED lights
- 3 . CAT-5E/6 input
- 4 . IR TX
- 5 . IR RX
- 6 . HDMI output
- 7 . Power input, 5VDC.

Connection Diagram



Connections and Operations :

1. Connect 1 source such as a Blu-Ray Player, game console, STB, etc. to the HDMI input on the transmitter
2. Connect 1 display such as an HDTV or HD Projector to the Loop HDMI output on the transmitter.
3. Connect 1 display such as an HDTV or HD Projector to the HDMI output on the receiver .
4. Connect a single Category 5e/6/7 up to (50m) to both transmitter and receiver.
5. Plug in the IR-RX cable and IR-TX cable to the IR jack port located on the Receiver and transmitter balun.
6. Power on the transmitter and receiver firstly, then power on the source and sink.

Altronic Distributors warrants this product for one year from date of purchase from Altronics or its resellers to the consumer. If this item is part of an installation or another product, please contact the installer or supplier for your warranty.

During the warranty period, we undertake to repair or replace your product at no charge if found to be defective due to a manufacturing fault. The warranty excludes damage by misuse or incorrect installation (i.e. failure to install and operate device according to specifications in the supplied instruction manual), neglect, shipping accident, or no fault found, nor by use in a way or manner not intended by the supplier.

For repair or service please contact your PLACE OF PURCHASE.

If this item was purchased directly from Altronics please make a warranty claim by:

1. FOR MAIL ORDER CUSTOMERS (includes school and trade orders),

a) Calling your nearest store location and quoting your tax invoice number.

b) Upon contacting Altronics, we will issue an R.A. (Return Authorisation). As Altronics have a number of service agents throughout Australia, a copy of the R.A. will be emailed, faxed or mailed to you with full instructions of how and where to send the goods. The freight for shipping goods back to Altronics for all repairs is at the customers expense.

c) A copy of the R.A. form, (or at the very minimum, the R.A. number) must accompany the goods to effect the repair.

d) Altronics will pay the return freight to the customer where the warranty claim has been accepted.

e) Please quote the R.A. number in any correspondence to us.

2. FOR OVER THE COUNTER PURCHASES to make a warranty claim, please return the goods to us in any of our stores, with a copy of your proof of purchase (tax invoice).

a) Upon leaving the goods at one of our stores, an R.A. number will be issued to you.

b) Once repaired, you will be contacted, advising that the goods are ready to be collected from the store.

It is at Altronics discretion as to whether the goods will be repaired or replaced (whilst under warranty); and as to whether identical goods will be used to replace the item due to changes of models / products.

Note: Under no circumstances should you attempt to repair the device yourself or via a non-authorised Altronics service centre, as this will invalidate the warranty!

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

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