

50m HDMI Extender over Single Cat5e/6,
With Bi-directional wide-band IR, EDID

Model: HDC6EDID

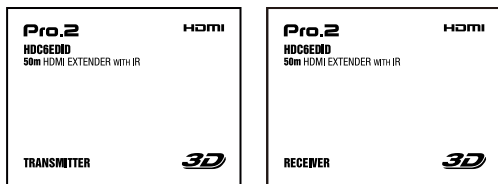
Operating instruction

Pro.2

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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

- Allows HDMI Audio/Video Signals and IR to be transmitted over a 50m single Cat5e/6 Cable.
- Transmits a wide-band (38K-56KHz) Bi-Directional IR control signal together with the HDMI signal.
- Supports 24bit Deep Color.
- Automatically adjusts feedback, equalization and amplification.
- EDID DIP switch on Transmitter to enhance EDID communication between sources and displays.
- Supports PCM, Dolby Digital™, and DTS Digital Surround™.
- Follows IEEE-568B cable termination standards.
- Supports 3D video format.



1 THIS PRODUCT IS WARRANTED FOR 12 MONTHS FROM THE DATE OF PURCHASE.

Subject to the conditions of this warranty, the Customer Care Centre will perform necessary service on the product without charge for parts, or labour if, in the opinion of the manufacturer/ manufacturer's agent, the product is found to be faulty within the warranty period.

- 2** This warranty only applies if the product has been installed and used in accordance with the manufacturer's recommendations (as noted in the operating instructions) under normal use and reasonable care. The warranty covers normal domestic use only and does not cover damage, malfunction or failure resulting from use of incorrect voltage, accident, misuse, neglect, build-up of dirt or dust, abuse, mis-adjustment of customer controls, mains supply problems, thunderstorm activity, infestation by insects or vermin, tampering or repair by unauthorised persons (including unauthorised alterations), exposure to abnormally corrosive conditions or any foreign object or matter having entered the product.

- 3** If warranty service is required you should:

- Telephone the Customer Care Centre on 1300 662 946
- Provide a copy of your purchase receipt that shows retailer's identity and date of purchase.
- Send or bring the product to your Customer Care Centre. Please note that freight to and/or from your Customer Care Centre must be arranged by you.

- 4** The warranties hereby conferred do not extend to any costs associated with the delivery, handling, freighting or transportation of the product or any part thereof or replacement of and do not extend to any damage or loss occurring during, or associated with transit.

**THIS WARRANTY CARD AND THE PURCHASE DOCKET
(OR SIMILAR PROOF OF PURCHASE)
SHOULD BE RETAINED BY THE CUSTOMER AT ALL TIMES**

**TROUBLE SHOOTING HELP LINE
1300 662 946**

Customer Care Centre
562 Spencer Street, West Melbourne
VICTORIA 3003

Pro.2
PROFESSIONAL AV SOLUTIONS

This advice does not limit, override or later your guaranteed rights under the Australian Consumer Law, including remedies for any failure of the Consumer Guarantees, which may include repair or replacement or if a Major Failure (as defined under the Australian Consumer Law) a replacement or refund. These guaranteed rights cannot be varied by Pro.2 or retailers of its products and have no set time limit.

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 Transmitter	HDMI Receptacle x 1 RJ45 Receptacle x 1 Power DC Receptacle x 1 IR Receptacle x 2(for IR TX and RX cable)
Connectors 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
Dimensions (HxWxD)	2.56"W x .95"Hx3.34"D(65x24.1x85mm)
Power supply	DC 5V Power supply
Power consumption	4W(MAX)
Transmission Distance	1080p up to 50m*
Net Weight	319g (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.

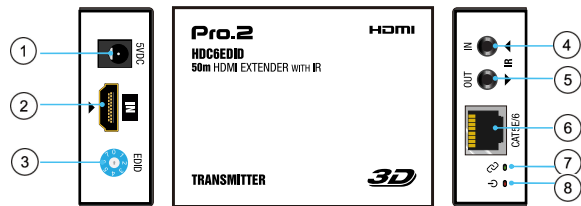
Note:2.For long distances an FTP Cat5e/6 cable is recommended.

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



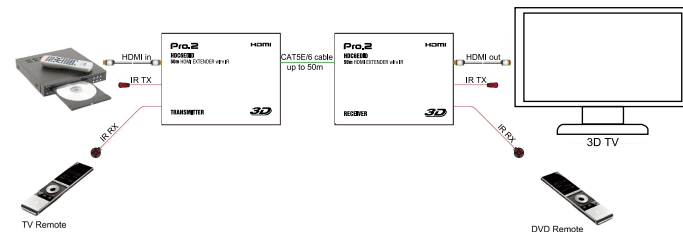
- 1 . Power input, 5VDC.
- 2 . HDMI input.
- 3 . DIP switch ,(adjust EDID to ensure better compatibility)
- 4 . IR RX.
- 5 . IR TX.
- 6 . CAT-5E/6 output.
- 7 . Status of power input. When power input on, the LED lights.
- 8 . Status of signal connection. When this works well, the LED lights.

Receiver Panel



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

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 HDMI output on the receiver .
- 3.Connect a single Category 5e/6/7 up to (50m) to both transmitter and receiver.
- 4.Plug in the IR-RX cable and IR-TX cable to the IR jack port located on the Receiver and transmitter balun.
5. Power on the transmitter and receiver firstly, then power on the source and sink.
6. DIP Switch Description.

EDID for Transmitter

Position	Functions
0	HDMI 1080P 2CH
1	HDMI 1080P 5.1CH
2	HDMI 1080P 7.1CH
3	HDMI 1080P 3D 2CH
4	HDMI 1080P 3D 5.1CH
5	HDMI 1080P 3D 7.1CH
6	Reserved
7	Reserved

Note The distance is 40m under 5.1CH or 7.1CH.