



HDMI EXTENDER WITH IR

CT-HDVD-EXT-IR180

Instruction Manual



IMPORTANT SAFETY INSTRUCTIONS :

NOTE: There is a separate transmitter and receiver unit. The system will not work if both units are reversed.

1. Do not plug/unplug the extenders or HDMI inputs or outputs while anything is powered on.
2. Use the supplied DC5V power supply only.

1. PACKAGE CONTENTS

1. HDMI to RJ45 sender TX (1pcs)



2. RJ45 to HDMI receiver RX (1pcs)



3. DC5V/1A (2pcs)



4. User manual (1pcs)



5. IR blaster emitter cable (1pcs)



6. IR receiver extension cable (1pcs)

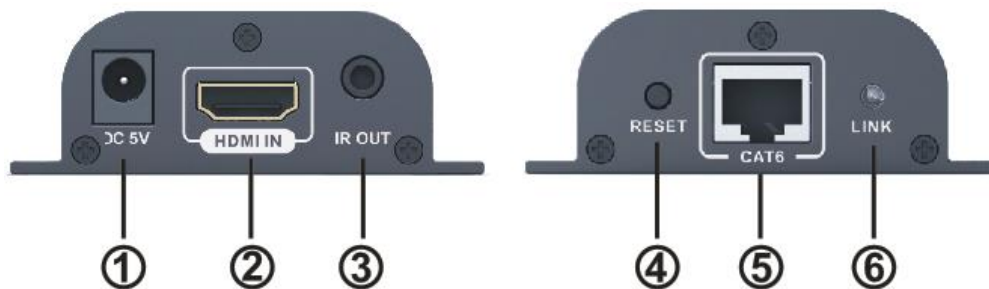


2. Installation Requirements

1. An HDMI source device (computer HDMI output, Blu-Ray, PS3, etc.) is needed.
2. An HDMI display device like a HDTV monitor, or projector with a HDMI input port is needed.
3. A UTP/STP CAT5E/6/6A/7 cable is needed. When using the cable be sure to follow standard IEEE-568B regulations.

3. Panel Description

1. HDMI to RJ45 transmitter



1 DC5V power input (power supply included)

2 HDMI signal input

3 IR signal output to connect to the emitter extension cable

4 Reset Button

5 RJ45 signal output to the receiver

6 HDMI signal indicator. The LED will stay on if there is an HDMI signal input and it will flash with no signal input.

2. RJ45 to HDMI receiver



1 Reset Button

2 RJ45 signal input from the transmitter

3 RJ45 indicator LED will remain on all the time with an HDMI signal transmission. It will flash with no signal transmission.

4 DC5V power input (power supply included)

5 HDMI signal output

6 IR signal input to connect with the IR receiver cable

4. Installation Procedures

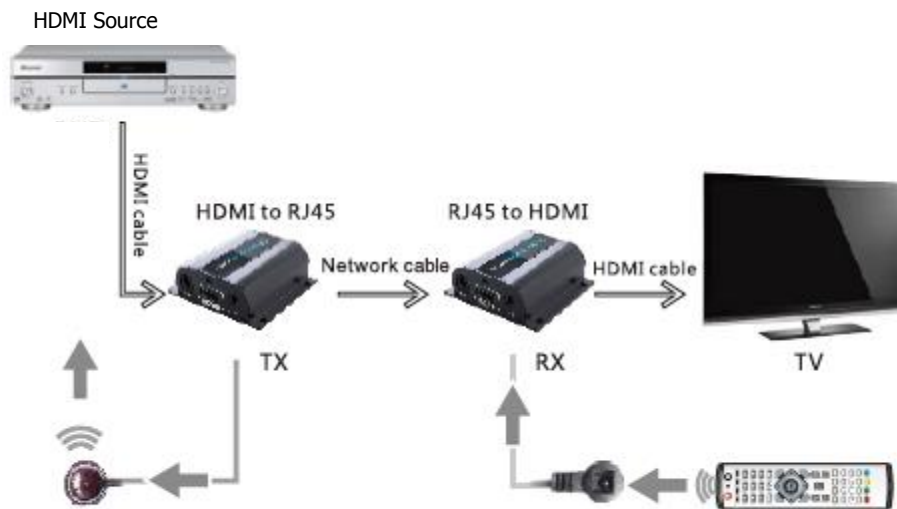
1. Cat5e/6/6a/7 network cable

FOLLOW THE STANDARD OF IEEE-568B:

- | | |
|-----------------|----------|
| 1- ORANGE/WHITE | 2-ORANGE |
| 3- GREEN/WHITE | 4- BLUE |
| 5- BLUE/WHITE | 6-GREEN |
| 7-BROWN/WHITE | 8-BROWN |



2. Connections



Connection instructions:

- 1) Connect the TX HDMI input with the HDMI output of a source device.
- 2) Connect TX and RX with CAT5E/6/6A/7 cable.
- 3) Turn on the device and the HDMI extension should be working when on the correct TV HDMI input.

5. Frequently Ask Questions

Q: There is no audio and video on the display, how do I fix this?

A: 1) Push the RX "RESET" button to reset the device.

2) Try a shorter network cable and reconnect.

Note: Extension limit is 180' - Inferior copper clad aluminum (CCA) cable will not work at the specified distance

Q: What do I do if the RX "LINK" LED is flashing all the time?

A: 1) Make sure the network cable connection follows the standard of IEEE- 568B.

2) Check whether the TX has a HDMI signal input.

3) Reset the TX&RX

4) Disconnect all cables and reconnect in the following order:

a) Connect HDMI cable to display

b) Connect RJ45 cable to RX

c) Connect RJ45 to TX

d) Connect source HDMI output to TX

e) Connect 5VDC power supplies

f) Push reset on the RX

g) Push reset on the TX

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Q: The RX "LINK" led lights are constantly flashing but there is no image output?

A: 1) Reset the device by pressing the RX "RESET" button.

2) Make sure the HDMI cable is well connected with the monitor.

3) Make sure the network cable is made of fine copper wires and not copper clad aluminum.

6. Specification

| Items | Specifications | Note |
|-----------------------|---|------|
| HDMI signal | Compatible with HDCP | |
| Resolution supported | 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 (CAT5E/6/6A/7) <i>Do not use CCA cable!</i> | |
| Transmission length | CAT6:180 ft at 1080P | |
| IR remote control | Support 20~60KHz wide frequency IR remote control | |
| Operating temperature | 0°C ~ 60°C 32°F ~ 140°F | |
| Power supply | DC5V/1A | 2pcs |
| Power consumption | TX : 2W ; RX : 2W | |
| Size | 71.6(W) x 66.6(D) x 24.8(H)mm (2pcs) 2.82(W) x 2.62(D) x .97(H)in | |
| Weight | 170g 6oz | |
| Color | Black | |

CABLETRONIX 1-Year Limited Warranty

CABLETRONIX. (the "Company") warrants to the Original Purchaser that the item purchased is free from defects in workmanship or material under normal use. This warranty starts on the date of shipment of the hardware to the Original Purchaser.

During the warranty period, the Company agrees to repair or replace, at its sole option, without charge to Original Purchaser, any defective component. To obtain service, the Original Purchaser must return the item to the Company properly packaged for shipping. All defective products must be returned to the Company within thirty (30) days of failure. Products must be returned with a description of the failure and Return Merchandise Authorization (RMA) number supplied by the Company. To receive a RMA number and a return shipping address on where to deliver the hardware, call 610-429-1821. The shipping, and insurance charges incurred in shipping to the Company will be paid by Original Purchaser, and all risk for the hardware shall remain with the Original Purchaser until such time as Company takes receipt of the hardware. Upon receipt, the Company will promptly repair or replace the defective unit, and then return said unit to Original Purchaser, shipping prepaid. The Company may use reconditioned or like-new parts or units, at its sole option, when repairing any hardware. Repaired products shall carry the same amount of outstanding warranty as from original purchase. Any claim under the warranty must include dated proof of purchase or invoice. In any event, the Company's liability for defective hardware is limited to repairing or replacing the hardware.

This warranty is contingent upon proper use of the hardware by Original Purchaser and does not cover: if damage is due to Acts of God (including fire, flood, earthquake, storm, hurricane or other natural disaster), accident, unusual physical, electrical, or electromechanical stress, modifications, neglect, misuse, operation with media not approved by the Company, tampering with or altering of the hardware, riot, war, invasion, act of foreign enemies, hostilities (regardless of whether war is declared), civil war, rebellion, revolution, insurrection, military or usurped power or confiscation, terrorist activities, nationalization, government sanction, blockage, embargo, labor dispute, strike, lockout or interruption or failure of electricity, air conditioning, or humidity control, internet, network, or telephone service

The warranties given herein, together with any implied warranties covering the hardware, including any warranties of merchantability or fitness for a particular purpose, are limited in duration to one year from the date of shipment to the Original Purchaser. Jurisdictions vary with regard to the enforceability of warranty limitations, and you should check the laws of your local jurisdiction to find out whether the above limitation applies to you.

The Company shall not be liable to you for loss of data, loss of profits, lost savings, special, incidental, consequential, indirect, or other similar damages arising from breach of warranty, breach of contract, negligence, or other legal action even if the Company or its agent has been advised of the possibility of such damages, or for any claim brought against you by another party. Jurisdictions vary with regard to the enforceability of provisions excluding or limiting liability for incidental or consequential damages. You should check the laws of your local jurisdiction to find out whether the above exclusion applies to you.

This warranty allocates risks of product failure between Original Purchaser and the Company. The Company's hardware pricing reflects this allocation of risk and the limitations of liability contained in this warranty. The warranty set forth above is in lieu of all other express warranties, whether oral or written. The agents, employees, distributors, and dealers of the Company are not authorized to make modification to this warranty, or additional warranties binding on the Company. Accordingly, additional statements such as dealer advertising or presentations, whether oral or written, do not constitute warranties by the Company and should not be relied upon.

This warranty gives you specific legal rights. You may also have other rights which vary from one jurisdiction to another.