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J-TECH DIGITAL JTD-679 HDMI Extender User Manual

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INTRODUCTION

HDMI extender, extend the transmit length of HDMI Visual/Audio up to 120m(394ft) with single network cable. Supports IR signal transmission, to control media playback of the signal source device at the display location.

Important Safety instructions:

1. Do not mix up the HDMI EXTENDER sender and HDMI EXTENDER receiver, and the IR blaster and IR receiver.
2. Do not plug-in/out the cables,when it is in use.
3. Use DC SV power supply only. Make sure the specification matched if using 3rd party DC adapters.

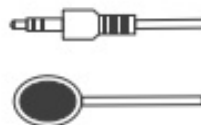## Package Contents

HDMI EXTENDER
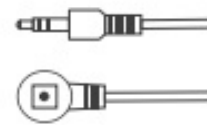sender TX ×1pc

HDMI EXTENDER
receiver Rx ×1pc

User Manual ×1pc

DC5V/1A ×2pcs

IR blaster extension
cable x1pc

IR receiver extension
cable x1pc

Note: above accessory, content is regular package for a kit. If buy HDMI extender TX or HDMI extender RX separately, the package contents would be different.

Installation Requirements

1. HDMI source device(computer graphics card, DVD,PS3, HD monitoring equipment etc).
2. HDMI display device like SDTV, HDTV, projector with HDMI port.
3. Network cables : UTP/STP CatSe/6 network cables, which following the standard of IEEE-568B.
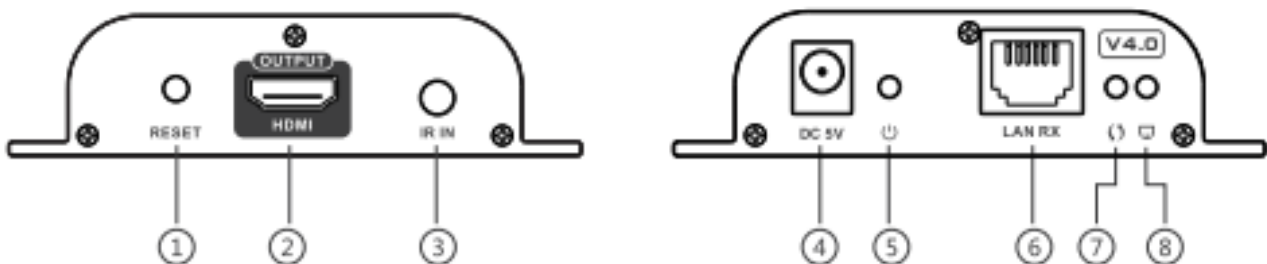   Transmission length: CATS 80m/CATSE 100m/CAT6 120m.

Panel Description

HDMI EXTENDER TX (Sender)

1. CD Reset
2. HDMI signal input
3. IR signal output to connect with blaster extension cable
4. Power input (DCSV)
5. Power Light
6. RJ45 signal output
7. Data transmission light
8. Network link light
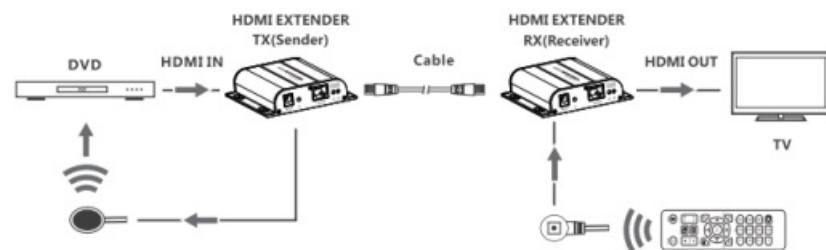
HDMI EXTENDER RX(Receiver)

1. CD Reset
2. HDMI signal output
3. IR signal input to connect with IR receiver extension cable
4. Power input (DCSV)
5. Power Light
6. RJ45 signal intput
7. Data transmission light
8. Network link light

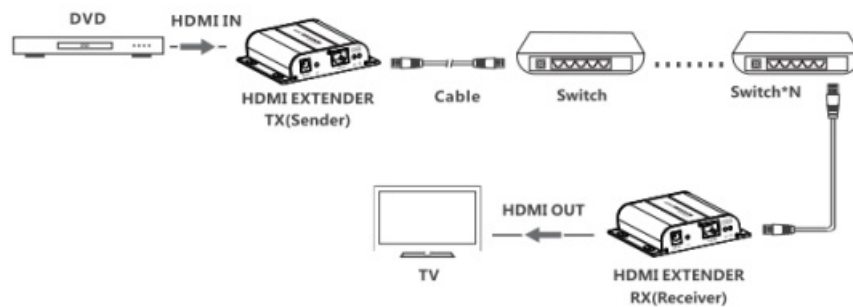# How to make a CatSe/6 network cable

Follow the standard of IEEE-568B:

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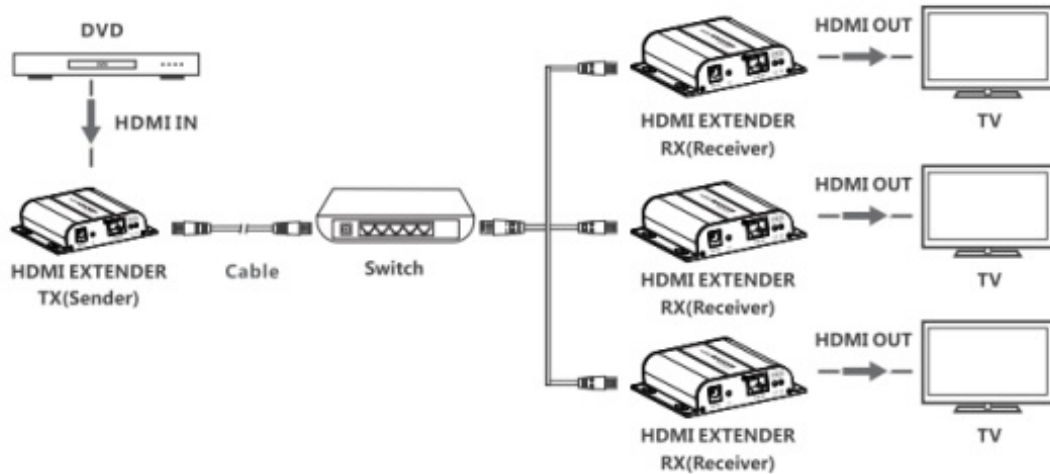5. -Blue/white
6. -Green
7. -Brown/white
8. -Brown

Connections

Point to Point connection: Up to 120 meters transmission distance over single CAT6.

LAN Switch Cascade Connection: By using the LAN switch/router to realize unlimited extension.

One-to-many Connection: By using network router/switch, one sender to several receivers, realize extender & splitter function.

Note: It is recommended that Gigabit Ethernet switches be used in LAN. Fast Ethernet switches (lO0Mbps) and Gigabit Ethernet switches (l000Mbps) can not be mixed-use in cascade.

IR User Guide

1. IR blaster extension cable should plug in the IR-out port of TX (Sender) of the HDMI extender, and the IR receiver extension cable should plug in the IR-out port of the RX (Receiver) of the HDMI extender.
2. The emitter of the IR blaster should as close as possible to the IR receiver of the signal source device.
3. Using the IR remote controller of the signal source device towards the IR receiver (connected to the RX of HDMI extender), to remote control source media playback.

FAQ

- Q: TV display "Waiting for connection" ?
  A: Please check if the power supply of TX (Sender) and switcher (if used) is connected, and make sure connecting cable is firmly.
- Q: TV display "Please check the TX input signal" ?
  A: 1) please check if there is an HDMI signal input of TX. 2) Try to connect the signal source directly to display device to see if there is singal output from the source device or change the signal source, HDMI wire and try again.
- Q: Display not fluent, not stable?
  A: 1) Please check the cable length between the TX to switch, the switch to the RX and the connection between each level is within the required range.
  2) Click the"reset"button on the TX/RX front panel, reset and reconnect.

Specification

Items Specifications

- HDM!Signal HDMI.3 Compatible with HDCPI.4

- Support resolutions 480i@60Hz, 480p@60Hz, 576i@50Hz, 576p@50Hz, 720p@50/60Hz, 1080i@50/60Hz, 1080p@50/60Hz
- Network Cable UTP/STP Cat5/5e/6
- Transmission distance Up to 120 meters transmission distance for 1080p 60Hz Full HD over single CAT6
- IR signal Supports 20~60KHz IR devices
- Working Temperature 0°C -60°C
- Power Supply DCSV/IA
- Power Consumption TX: 3.5W; RX: 3W
- Protection Lightning Protection, SurgeProtection,
- ESD protection
- Dimensions 96.B(W) x 94(D) x 23.7(H)mm '2PCS
- Weight TX: 145g RX: 142g
- Color Black

Disclaimer

The product name and brand name may be registered trademarks of related manufacturers.™ and® may be omitted on the user manual.
The pictures in this user manual are just for reference. The terms HDMI, HDMI High-Definition Multimedia Interface, and the HDMI Logo are
trademarks or registered trademarks of HDMI Licensing Administrator, Inc. We reserve the rights to make changes without further notice to a product or system described herein to improve reliability, function, or design.

Documents / Resources

	J-TECH DIGITAL JTD-679 HDMI Extender [pdf] User Manual JTD-679 HDMI Extender, JTD-679, HDMI Extender