OREI
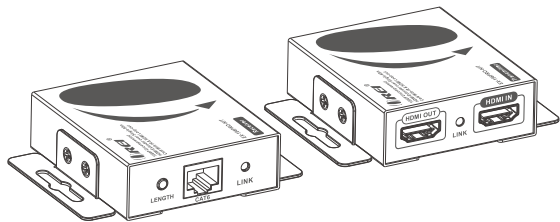
1080P Uncompressed HDMI Extender over Single 60m Cat6 With IR & HDMI Loop-out

EX-196PRO-KIT User manual

- **Introduction**

  Thank you for purchasing the OREI HDMI Extender. For optimum performance and safety please carefully read the instruction and keep them for future reference.

- **Important safety notice**

  1. Do not mix up the transmitter unit (TX) and the receiver unit (RX), IR blaster extension cable and IR receiver extension cables before installation.
  2. Do not unplug while the device is in use.
  3. Power the device using the included 5V/2A DC power supply adapter only. If using other adapters please make sure the specs are identical.
  4. Static electricity will damage this item. Please follow ESD protection guidelines while installing this device.
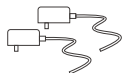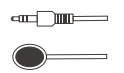
- **Package Contents**

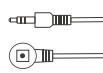 HDMI to RJ45 sender TX*1pcs

  RJ45 to HDMI receiver RX*1pcs

  User manual*1pcs
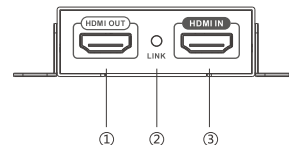
  DC5V1A*2pcs

  IR blaster extension cable *1pcs

  IR receiver extension cable*1pcs

- **Installation Requirements**
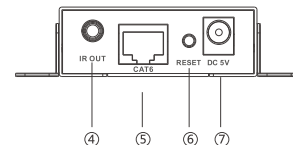
  1. HDMI source device(computer graphics card, DVD,PS3, HD monitoring equipment etc).
  2. HDMI display device like SDTV, HDTV, projector with HDMI port.
  3. UTP/STP cat6/6A/7 cable, follow standard IEEE-568B.

- **Functions**
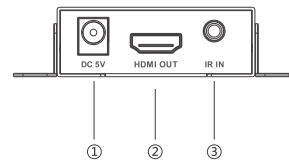
  1. Transmitter unit (TX)

  ① ② ③ ④ ⑤ ⑥ ⑦

  ① HDMI signal output
  ② HDMI signal indicator led
     It lights on all the time with HDMI signal input, flashes with no signal input.
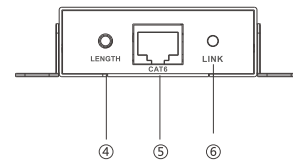 ③ HDMI signal input

  ④ Reset button
  ⑤ RJ45 signal output
  ⑥ Reset
  ⑦ DC5V power input

  2. Receiver unit (RX)

  ① ② ③ ④ ⑤ ⑥

  ① DC5V power input
  ② HDMI signal output
  ③ IR signal input to connect with IR receiver extension cable

  ④ Reset
  ⑤ RJ45 signal input
  ⑥ RJ45 indicator led
     It lights on all the time with HDMI signal transmission, flashes with no signal transmission.

• Installation Procedures
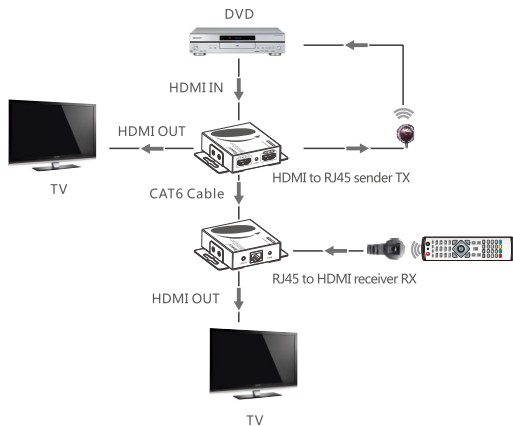
1. Cat6 network cable

Follow the stanard of IEEE-568B:

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

2. Connections

DVD

HDMI IN

HDMI OUT

TV

HDMI to RJ45 sender TX

CAT6 Cable

RJ45 to HDMI receiver RX

HDMI OUT

TV

Connection instruction:

1) Connect TX HDMI input with source device HDMI output.
   Connect TX HDMI output with HDTV HDMI input.
2) Connect TX CAT6 with RX CAT6.
3) Connect RX HDMI output with HDTV HDMI input.
4) Power on the device and it works.

• FAQ

Q: No image output or audio and video display is not normal?
A: 1) Adjust RX "RESET" button to reset the device.
　　 2) Try shorter network cable to 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) Make sure the network cable is fine copper wires.

• Specification

Items	Specifications
HDMI signal	Compatible with HDCP
Support resolution	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, CAT6A, CAT7)
Transmission length	CAT6:50m at 1080p
IR remote control	Support 20~60KHz wide frequency IR remote control
Working temperature	0℃～60℃
Power supply	DC5V/1A
Power consumption	TX<3W; RX<2W
Product dimension	71.6mm(L)*66.6mm(W)*24.8mm(H) *2pcs
Weight	83g+80.6g
Color	Black

Disclaimer