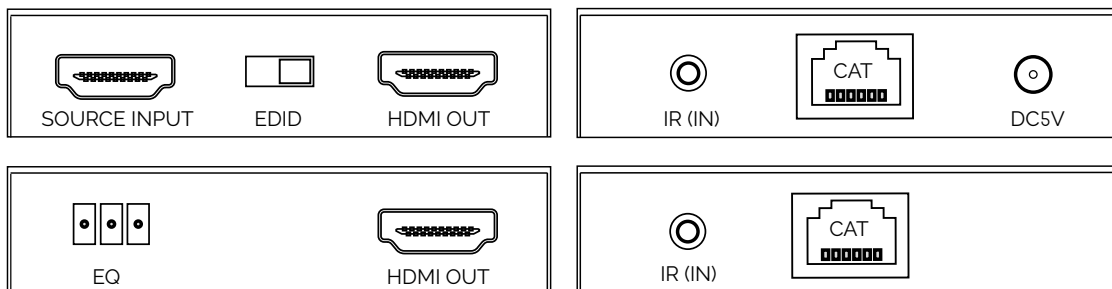


XTND 2K (30m) Extender Manual

Product Code: XTND2K30



HDANYWHERE™

YOUR EXTENDERS

Use an XTND 2K (30m) to extend your favourite HDMI media device (DVD/Blu-Ray player, Xbox, Apple TV etc) to a HDTV located up to 30m away.

XTND 2K (30m) requires Cat cabling to be run from the transmitter to the display receiver, which you can run yourself if capable or choose to have professionally installed. XTND 2K (30m) has a built-in HDMI splitter that lets you share one media device between a 'local' or nearby display as well as a 'remote' display up to 30m away. With IR passback, you can also control your media device.

IN THE BOX

1. x1 XTND 2K (30m) Transmitter
2. x1 XTND 2K (30m) Receiver
3. x1 5V / 1A DC PSU
4. x1 IR transmitters (TX)
5. x1 IR receivers (RX)

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QUICK SETUP

This quick setup guide will get your extender up and working in less than 5 minutes.

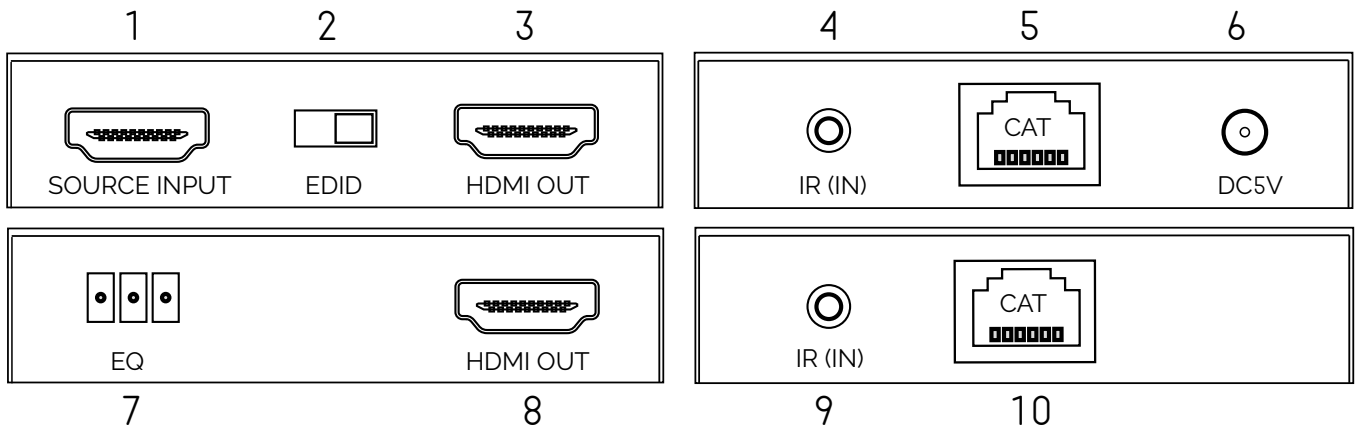
If you need to integrate IR control then please continue on to **page 4**.

1. Power off all displays and your HDMI source device.
2. Connect the HDMI source to the Source Input port on the XTND 2K (30m) Transmitter using an appropriate HDMI cable.
3. Connect a display such as a HDTV or HD Projector to the HDMI out port on the XTND 2K (30m) receiver using an appropriate HDMI cable. We recommend that you use high-speed HDMI cables no longer than 5 meters in length.
4. Now connect a single Cat5e/6 cable up to 164ft/30m in length between the Cat output port of the XTND 2K (30m) transmitter and the Cat input port on the XTND 2K (30m) receiver.
5. If you are connecting a nearby or "local" display use the HDMI loop out port. Connect your TV to this port with an appropriate HDMI cable.
6. Plug in the power supply for the Transmitter.
7. Power on your HDMI source device, then power on connected displays.
8. At this point the display should show the video and audio of the HDMI source device that is connected to the extender.

SYSTEM FEATURES

1. Delivers uncompressed video and audio over network cable
2. Supports the following resolutions:
 - a. 1080p/1080i/720p/576p/480p/576i/480i
 - b. Up to 24-Bit Deep Colour
3. HDMI loop out for a local display
4. Enables HD viewing in one additional room
5. Stereo or multichannel audio including:
 - a. LPCM 7.1CH
 - b. Dolby True HD
 - c. DTS-HD Master Audio
 - d. Dolby Atmos
6. EDID management
7. One-way IR

TRANSMITTER AND RECEIVER (x1)



1. **HDMI source input port:** Connect HDMI source e.g. BluRay player, with HDMI cable
2. **EDID switch:** See page 6
3. **HDMI out port:** Connect a local display or an AVR to this port using appropriate HDMI cabling
4. **IR (OUT):** Plug the supplied IR TX into this port
5. **CAT 5e/6 output:** Connect the CAT 5e/6 cabling run from the receiver to this port
6. **DC input:** Plug the 5V / 1A DC power supply into the unit
7. **Short run adjust:** See page 6
8. **HDMI out:** Connect a local display or an AVR to this port using appropriate HDMI cabling
9. **IR IN:** Plug the supplied IR RX into this port
10. **CAT 5e/6 input:** Connect the CAT 5e/6 cabling run from the transmitter to this port

SETTING UP IR CONTROL

This will enable backwards IR control (the most common form of IR control) where IR signals from a remote in your distant zone is sent back to the extender and sent to your source device to make it appear as though it is in the same room as you.

SOURCE CONTROL VIA IR (BACKWARDS IR)

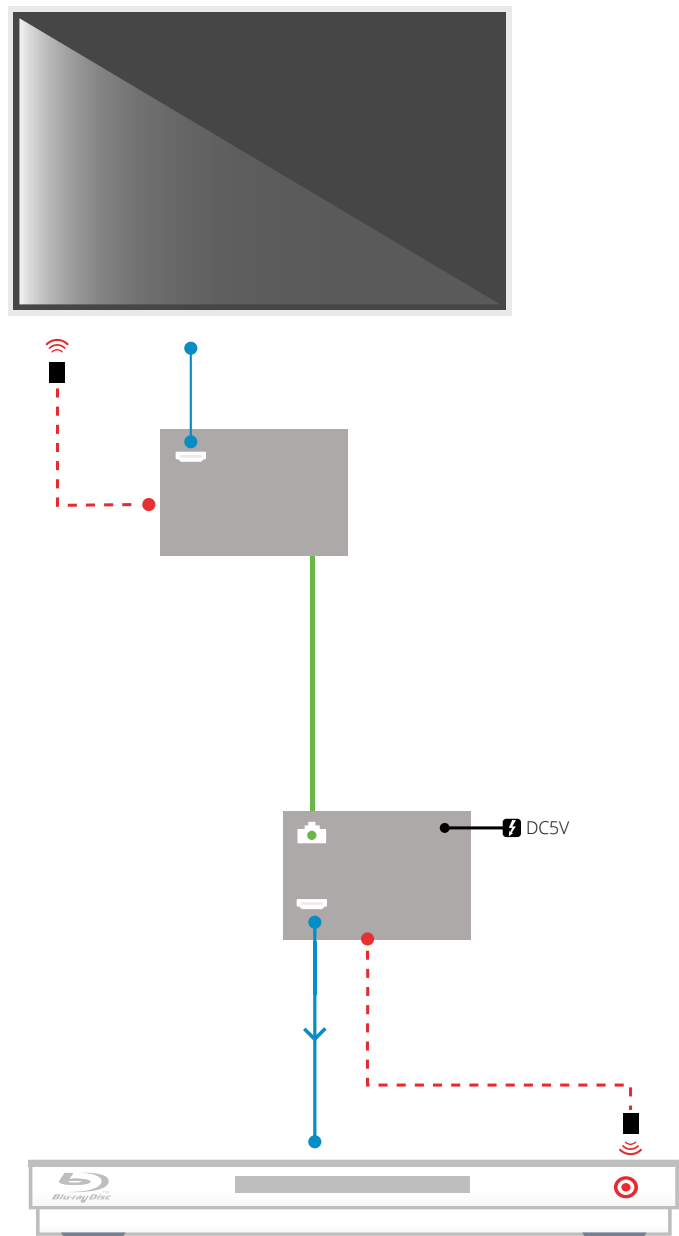
1. Plug IR transmitter (TX) into the 3.5mm jack port labelled IR (OUT) on the XTND 2K (30m) transmitter.
2. Place IR transmitter (TX) bud (small circular part) in front of the IR eye of the source (where you would normally point the remote to control the HDMI source device).
3. Plug IR receiver (RX) into the 3.5mm jack port labelled IR (IN) on the XTND 2K (30m) receiver.
4. Place IR receiver (RX) at or near the display (position it close to where you would usually point your remote to turn your TV on or off).

STANDARD WIRING DIAGRAM

This is a typical wiring diagram that shows how we would expect an XTND 2K (30m) Extender set up to look once installed. This diagram features a single HDMI source device (a BluRay player) being sent to 1 room, with a display located up to 30 metres away, and with IR controlling the source device via backwards IR.

Key

- - - IR cable
- HDMI cable - 25m / 82ft Max
- HDMI over cat cable - 50m / 164ft Max
- ● ● ● Connection
- > > > > Direction
-))) IR Transmitter
- (((IR Receiver



EDID MANAGEMENT

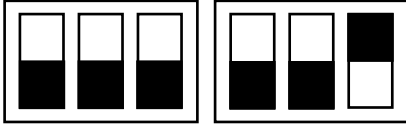
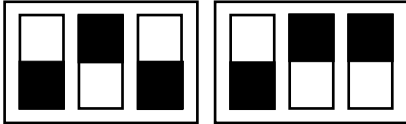
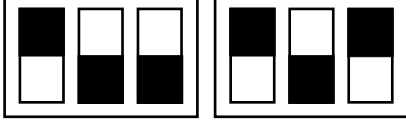
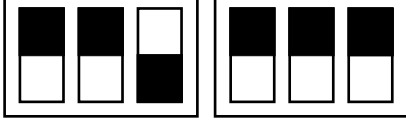
Extended Display Identification Data (EDID) is data sent by a display to describe its capabilities to a HDMI source. For example, it's what enables a modern computer to know what kinds of monitors are connected to it.



The XTND 2K (30m) can copy EDID data from both the local display or the remote display. If the EDID switch is in the 'right' position it will copy EDID data from the local display. In the 'left' position it will copy EDID data from the remote display.

SHORT RUN ADJUST

If you find that your picture quality is low (sparkling or dropping out altogether) you can adjust the short run settings to improve the picture. You can typically assume the correct position of the switches based on the distances shown below.

RECOMMENDED EQ SETTINGS	
Position	Cable Length
 <p>0 1</p>	Under 15m (49.5ft)
 <p>0 1</p>	15-30m (49.5ft - 99ft)
 <p>0 1</p>	30-40m (99ft - 132ft)
 <p>0 1</p>	40-50m (132ft - 164ft)

SPECIFICATION

Frequency bandwidth

4.95 Gbps

Transmitter input/output ports

x1 HDMI input
x1 Local HDMI output
x1 Cat 5e/6
x1 IR Transmitter

Receiver input/output ports

x1 HDMI
x1 Cat 5e/6
x1 IR Receiver

Power supply

1x DC 5V 1A

ESD Protection Human Body Model

± 8kV (air-gap discharge) ± 4kV (contact discharge)

Dimensions (mm) (Width x Depth x Height)

Display receiver (49 x 81 x 25)

Weight (g)

Display receiver (140g) x2

Operating temperature

0°C ~ 40°C / 32°F ~ 104°F

Storage temperature

-20°C ~ 60°C / -4°F ~ 140°F

Relative humidity

20 ~ 90% RH (Non-condensing)

Maximum power consumption

Display receiver (1.5W) x2

TWO-YEAR REPLACEMENT WARRANTY & GUARANTEE

A one-year worldwide replacement guarantee covering HDanywhere™ electronic devices is provided by HD Connectivity Ltd. . If you need to use this guarantee, please contact HDanywhere Customer Services: support@hdconnectivity.com or telephone (0)1648 576 348 during UK office hours.



Hereby, HDanywhere™ declares that this HDMI connectivity device is in compliance with the essential requirements and other relevant provisions of the following Directives: 2006/95/EC (LVD Directive); 2004/108/EC (EMC Directive); 999/5/EC (R&TTE Directive).

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www.hdanywhere.co.uk