



## 4K HDMI Extender Over Ethernet Kit (100m)

Item ref: 128.839UK

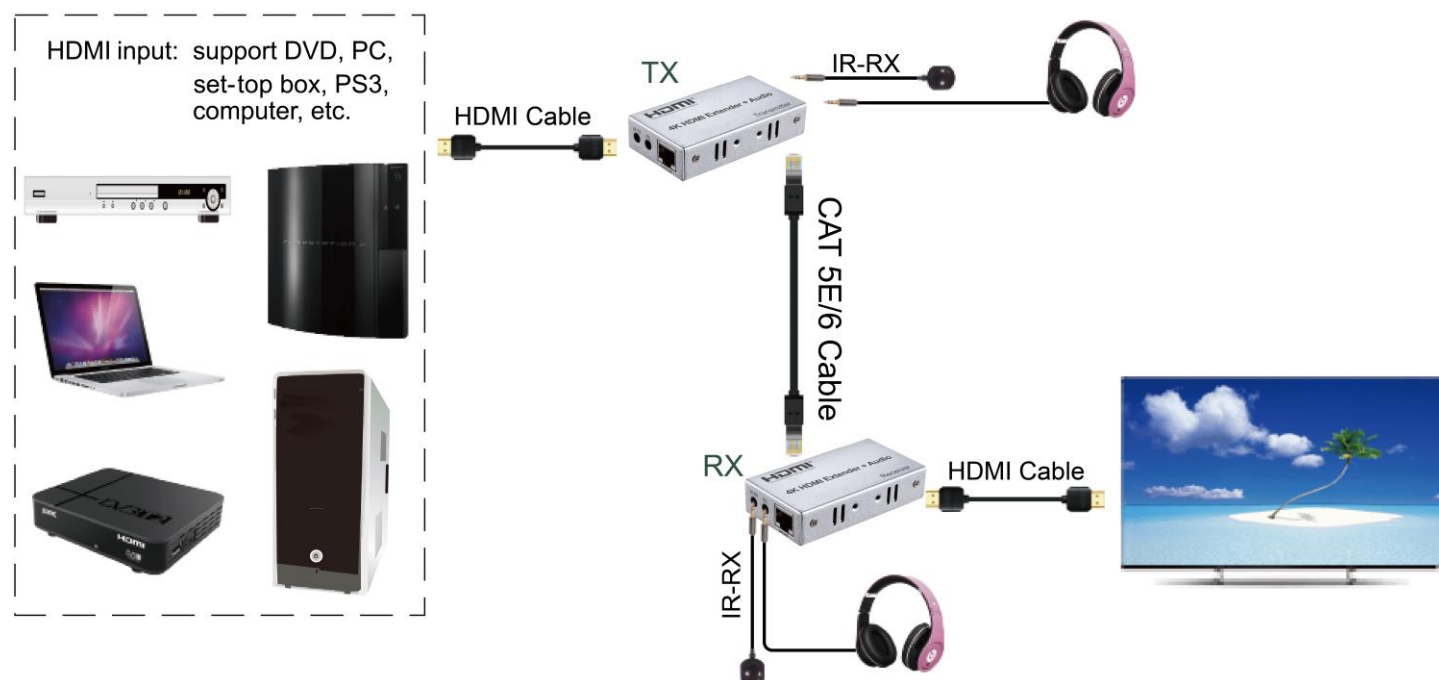
User Manual

An extender kit that allows 4K and FHD HDMI signals to be sent between devices at distances of up to 100m using a single shielded network cable. The Extender kit works using a single cat5e or cat6 (recommended) cable instead of HDMI cable to transmit high-definition signals over a long distance, vastly reducing your costs but without reducing your picture quality. The built in IR function enables simple control of transmission devices remotely and an audio extraction function allows connection to headphones, speakers and amplifiers using a 3.5mm audio cable (not supplied).

### Technical Specifications and Features

HDMI Version	1.4a
Max. Range	100m
Video Format	Up to 3840 x 2160 @ 30Hz
Audio Format	Supports DTS-HD/Dolby-trueHD/DTS/Dolby-AC3/DSD
Max. Cable Length	HDMI (input & output) ≤15m AWG26 standard cable
Max. Bandwidth	350 MHz
Max. Baud Rate	3x3.4Gbps
Max. Working Current	350mA (TX) and 200mA (RX)
Power Supply	5Vdc, 1000mA
Dimensions	82x45x18mm (each unit)
Weight	120g (each unit)

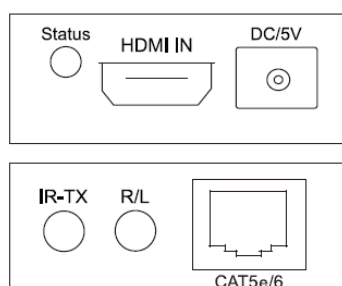
### Connection Instructions



- Connect one HDMI cable between your source device and the TX Extender (Sender), the max cable length is 15 meters.

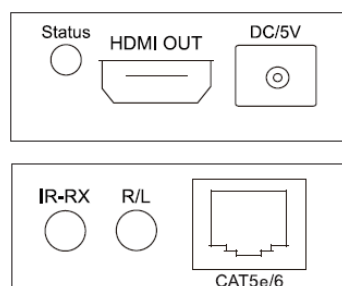
- Connect one HDMI cable between display device and the RX Extender (Receiver), the max cable length is 15 meters.
- Connect a single CAT5e or CAT6 (recommended) cable between the TX and RX extender units, the max cable distance is 100 meters.
- Connect the 5V power supplies to both the TX and RX units and power on.
- TX LED indicator light: When there is no signal input, it turns blue; when there is signal input, it turns red.
- RX LED indicator light: When there is no signal input, it turns blue; when there is signal input, it turns red.
- If required, connect the IR extender cable set to the relevant 3.5mm sockets on the TX and RX units. This set will allow control of the source device at the output display end of the network.
- There are also 3.5mm audio sockets (R/L) on both the TX and RX units, making it possible to connect headphones, amplifiers or speakers at both the source and output display ends of the network.

### TX:



Port	Function description
Status	Turn on the power, it turns blue. when there is signal input, it turns red
HDMI IN	HDMI Input port
DC/5V	5V DC Power input port
IR-TX	IR-TX port
R/L	Stereo output
Cat5E/6	Cat5e / 6 cable connection port

### RX:



Port	Function description
Status	Turn on the power, it turns blue. when there is signal input, it turns red
HDMI OUT	HDMI Output port
DC/5V	5V DC Power input port
IR-RX	IR-TX port
R/L	Stereo output
Cat5E/6	Cat5e / 6 cable connection port

### Warning

- For reasons of electrical safety this device must never be immersed in water, exposed to damp conditions or excessive force.
- Please do not use this device if you find that it is damaged in any way and only use the power supply provided by the manufacturer.
- When not in use for long periods please disconnect the power supplies from the mains.
- Do not attempt to repair this device or take apart under any circumstances, as this will invalidate your warranty.



This product is classed as Electrical or Electronic equipment and should not be disposed with other household or commercial waste at the end of its useful life. The goods must be disposed of according to your local council guidelines.

### Errors and omissions excepted.

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