

neo

BY PULSEEIGHT

NEO:ULTRA HDMI® EXTENDER SET



TECHNICAL SPECIFICATIONS

SKU: P8-HDBT2-U-EXSET

Transmitter Inputs: 1x HDMI

Transmitter Outputs: 1x HDBaseT Class C + DSC

Receiver Inputs: 1x HDBaseT Class C + DSC

Receiver Outputs: 1x HDMI

HDBaseT Recommended Cable: Cat5e or greater

Ethernet Passthrough: Yes 10/100

Serial Control: RS232 via 3.5mm (adapter required)

IR Control: Bi-Directional

HDMI-CEC Passthrough: Yes

ARC (Audio Return Channel): HDMI

DSC (Display Stream Compression): Yes

PoH: Yes

Maximum Pixel Clock: 600Mhz

Maximum Bandwidth: 18Gbps

Maximum Video Resolution: 4K@60Hz 4:4:4

LED Indicators: Yes

Extend: 4K / 1080p up to 100 metres

Encryption: HDCP 1.4, HDCP 2.2 and HDCP 2.3

Colour Supported: 4K 12bit, 1080p 12bit

Power Consumption: Transmitter: 7.3W / Receiver: 8W

Power Supply: 1 x 48V @ 0.5A (Transmitter only)

Wall Mountable: Yes - brackets included in kit

Material: Powder Coated Aluminium

Product Dimensions: 14.8 x 10.5 x 1.3 cm each

Product Weight: 0.16 kg each

Operating Temp Range: 0 to +35°C (32 to +95°F)

Storage Temp Range: -20°C to 60°C (-4°F to 140°F)

Humidity Range: 5 to 90% RH (no condensation)

Safety & Emissions: UKCA, CE, FCC, RoHS

Manufactured In: Great Britain by Pulse-Eight

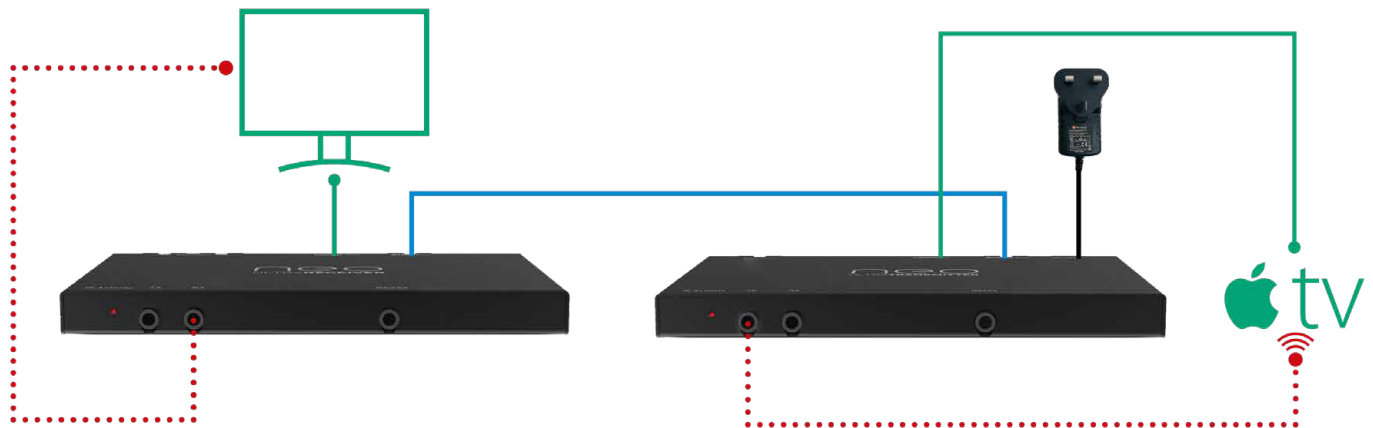
KIT INCLUDES

1x neo:Ultra Transmitter | 1x neo:Ultra PoH Receiver
1x Quick Start Guide | 1x Power Supply Adapter
1x Wall Mount Brackets | 1x IR Pack

HDMI HDBT HDCP 2.3



CONCEPT WIRING DIAGRAM



LEGEND

- Infrared
- HDBaseT
- Digital Audio
- Analogue Audio
- Ethernet
- Speaker
- HDMI

