

neoX⁺

BY PULSEEIGHT

8X10 VIDEO & AUDIO MATRIX KIT



EXTEND 1080P
UP TO 100M



EXTEND 4K
UP TO 100M



8 HDMI
INPUTS



8 HDBASET
(DSC) OUTPUTS



2 HDMI
OUTPUTS



10 AUDIO
OUT ZONES



4 DEDICATED
AUDIO INPUTS



CLOUD
MONITORING

TECHNICAL SPECIFICATIONS

SKU: P8-HDBT2-U-FFMJ1210-KIT

HDMI® Inputs: 8

Dedicated Audio Inputs: 4

HDBaseT Outputs: 8x HDBaseT Class C+DSC (Ultra)

HDMI® Outputs: 2 HDMI®

Audio Output Zones: 10 with Dolby Digital Downmix

HDBaseT Recommended Cable: Cat5e or higher

Ethernet Passthrough: Yes - 10/100

IR Control: Bidirectional

HDMI-CEC Control: Yes - Bidirectional

Web Interface: Yes + Android App available

Monitoring: Remote Monitoring Portal

Automatic EDID Management: Yes

Third Party Control: Yes - Drivers available

HDMI ARC (Audio Return Channel): Yes

DSC (Display Stream Compression): Yes

PoH: Yes

Encryption: HDCP 1.4, HDCP 2.2 and HDCP 2.3

Maximum Pixel Clock: 600Mhz

Maximum Bandwidth: 18Gbps

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

Third Party Drivers Available: Control4, Crestron,
Crestron Home, Elan, RTI, Savant and URC

Power Consumption: Max 2Amps @ 240V

Power Input: IEC C14 Socket

Power Rating: 100-240V 4.0/2.0A 50/60Hz

Material: Brushed Aluminium (Anodised)

Product Dimensions: 44 x 13 x 32 cm - 3U (Matrix)

Product Weight: 4.83 kg (Matrix)

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

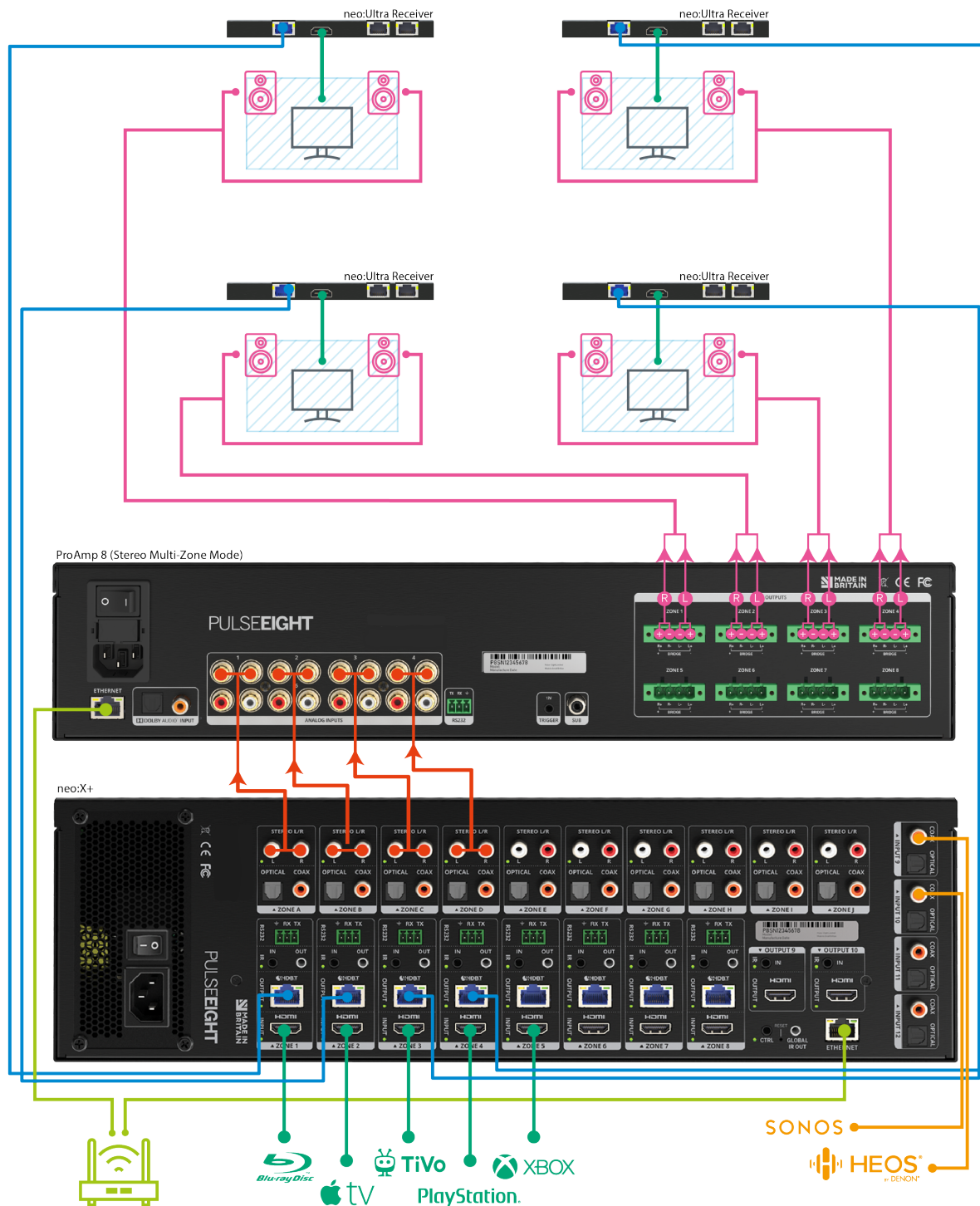
KIT INCLUDES

neoX+ Chassis | Rack Ears | 8x neo:Ultra PoH Receivers
8x Receiver Wall Brackets | 1x Infrared Blaster Cable Pack
1x 8 Button IR Remote | 8x Phoenix Connector
Country Specific Power Cord | Quick Start Guide

HDMI® HDBT² HDCP²³ HLG



CONCEPT WIRING DIAGRAM: neo:X+ (Sink Mode)



LEGEND

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



COMPATIBLE CONTROL SYSTEMS

CRESTRON

Control4

CRESTRON HOME

RTI

SAVANT

ELAN

U-C