

# 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

**Voice Control:** Yes - Alexa Skill

**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

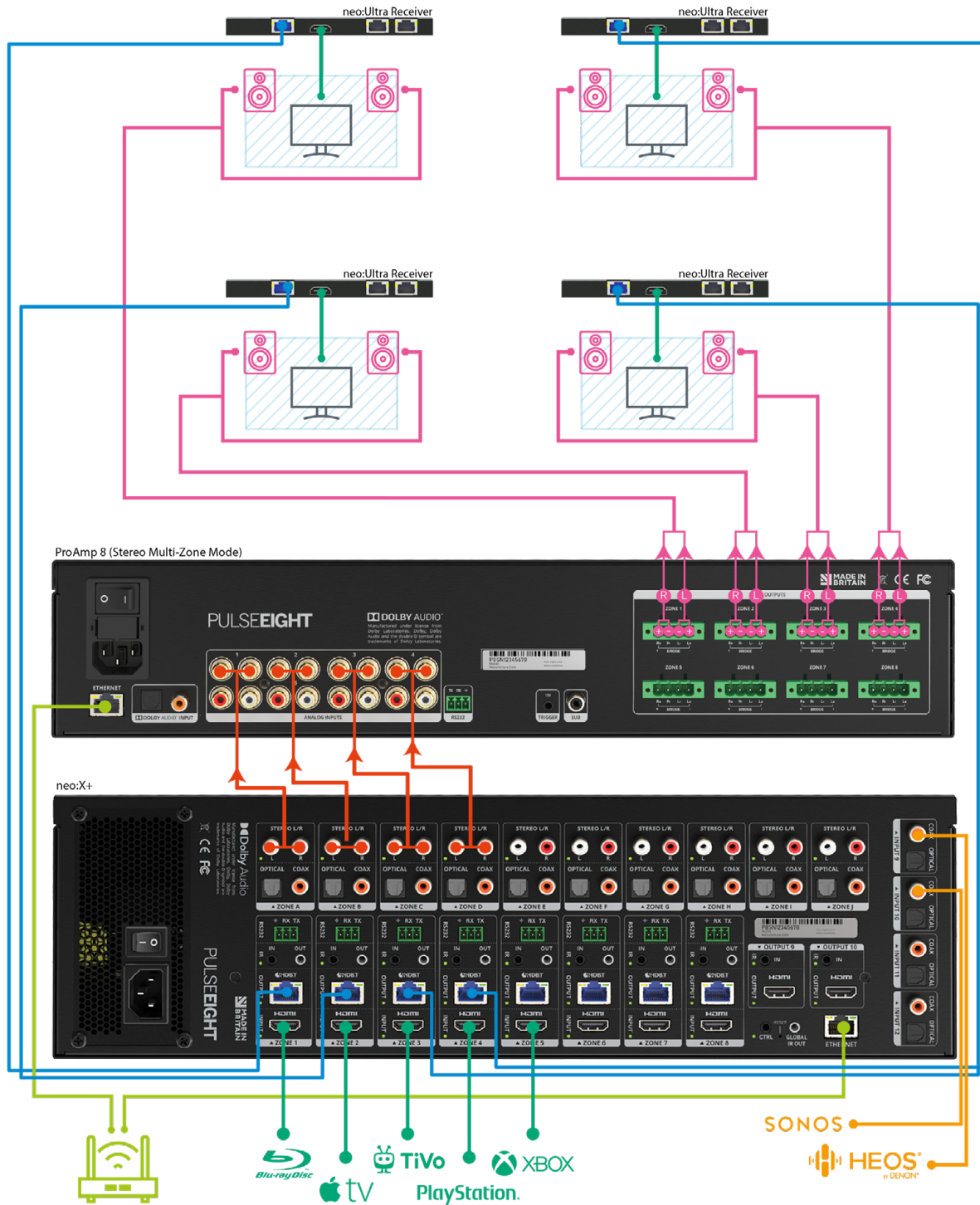
**Manufactured In:** Great Britain by Pulse-Eight

### KIT INCLUDES

neo:X+ 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



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



## LEGEND

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



## COMPATIBLE CONTROL SYSTEMS



CRESTRON HOME



SAVANT

