

# neo

## 6X8 VIDEO MATRIX KIT



### TECHNICAL SPECIFICATIONS

**SKU:** P8-HDBT-L-FFMN68A-KIT  
**HDMI Inputs:** 6  
**Audio Outputs:** 6x Audio Breakouts Output Zones  
**HDBaseT Outputs:** 6x HDBaseT Class B (lite)  
**HDMI Outputs:** 2 HDMI®  
**HDBaseT Recommended Cable:** Cat5e or higher  
**Ethernet Passthrough:** No  
**IR Control:** Bi-Directional  
**HDMI-CEC Control:** Full  
**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  
**ARC (Audio Return Channel):** No  
**PoH:** Yes  
**Encryption:** HDCP 1.4, HDCP 2.2 and HDCP 2.3  
**Maximum Pixel Clock:** 340Mhz  
**Maximum Bandwidth:** 10.2Gbps

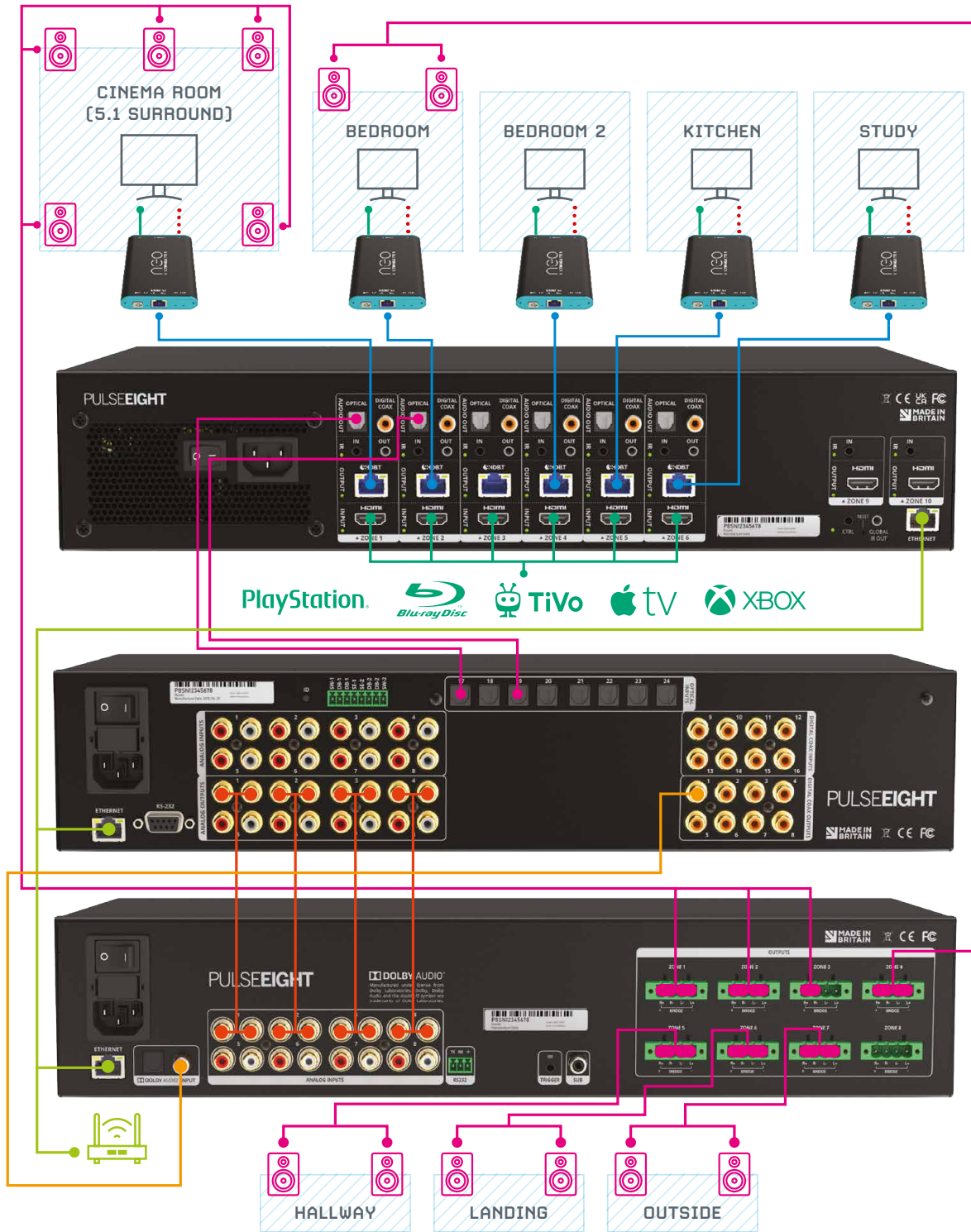
**Maximum Video Resolution:** 4K@60Hz 4:2:0  
**Colour Supported:** 4K: 8bit, 1080p: 12bit  
**Power Consumption:** Max 2Amps @ 240V  
**Power Input:** IEC C14 Socket  
**Power Rating:** 100-240V 4.0/2.0A 50/60Hz  
**Material:** Brushed Aluminium (Anodised)  
**Product Dimensions:** 44 x 9 x 30.5 cm - 2U (Matrix)  
**Product Weight:** 3.78 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

1 x neo:6a Chassis | 6-x neo:Lite PoH Receivers  
 1 x Rack Mounting Kit | 1 x Power Cord  
 1 x Infrared Blaster Cable Pack | 1 x Quick Start Guide



# CONCEPT WIRING DIAGRAM: neo:6a, ProAudio8 and ProAmp8



## LEGEND

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



## COMPATIBLE CONTROL SYSTEMS

**CRESTRON**  
SAVANT

CRESTRON HOME  
Control4

**ELAN**  
RTI