

# ProAudio16

BY PULSEEIGHT

## DSP AUDIO MATRIX



**x48**  
48 AUDIO  
INPUTS



16 AUDIO  
OUTPUT  
ZONES



LIP SYNC  
DELAY



THIRD PARTY  
CONTROL



C4  
SDDP



FULL  
DSP

## TECHNICAL SPECIFICATIONS

**SKU:** P8-PROAUDIO8

**Audio Inputs:** 48

**Stereo L/R Audio Inputs:** 16

**Optical Audio Inputs:** 16

**Digital Coax Audio Inputs:** 16

**Audio Outputs:** 16

**Stereo L/R Audio Outputs:** 16

**Optical Audio Outputs:** 16

**12V Triggers:** 0

**Serial Control:** Yes - RS232

**TCP/IP Control:** Yes

**Third Party Control:** Yes - Drivers available

**Lip Sync Delay:** Up to 170ms per zone

**Volume Adjustments:** 20db to +20db 0.5db steps

**Equalizer:** 5 band EQ per zone

**Subwoofer Control:** Yes

**Treble:** -20db to +20db 0.5db steps

**Input Gain Control:** -24db to +24db

**Output Gain Control:** -24db to +24db

**Doorbell/Paging Inputs:** 2

**Supported Formats:** PCM, Dolby Digital 5.1, DTS

**Coax Input Levels:** 200mV - 7.0V (PC card compatible)

**Coax Output Level:** 500mV nominal into 75 ohms

**Freq. Response:** 5Hz - 20KHz @ +/-0.1dB S.N

**Signal to Noise Ratio:** > 85dB, 5Hz-20KHz

**Input Impedance:** 10K ohms

**Analog Input Voltage:** 2.0 Vrms

**Analog Output Voltage:** 2.0 Vrms

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

**Power Input:** IEC C14 socket

**Power Rating:** 110-240V, 1.0A, 50/60 Hz

**Material:** Brushed Aluminium (Anodised)

**Product Dimensions:** 44 x 8 x 22 cm - 2U

**Product Weight:** 2 kg

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

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

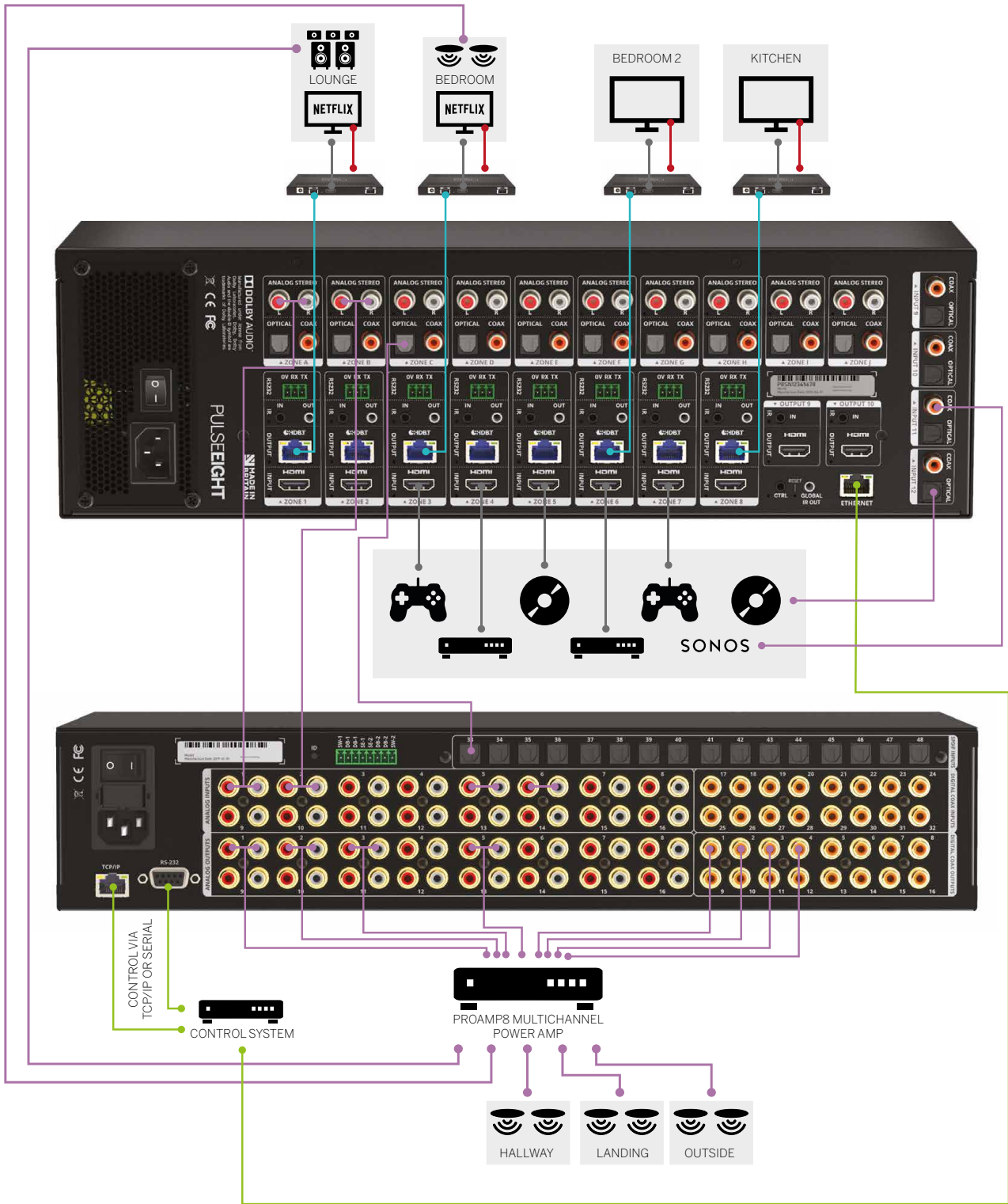
**Humidity Range:** 5 to 90% RH (no condensation)

**Safety & Emissions:** UKCA, CE, FCC, RoHS

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



# CONCEPT WIRING DIAGRAM: ProAudio16 and neo:X+



## LEGEND

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



## COMPATIBLE CONTROL SYSTEMS

- Control4
- CRESTRON
- ELAN
- RTI
- SAVANT