

ProAudio16RS

BY PULSEEIGHT

DSP AUDIO MATRIX



TECHNICAL SPECIFICATIONS

SKU: P8-PROAUDIO16RS-KIT

Audio Inputs: 48

Stereo L/R Audio Inputs: 16

Optical Audio Inputs: 8

Remote Source (RJ45) Inputs: 8

Digital Coax Audio Inputs: 16

Audio Outputs: 16

Stereo L/R Audio Outputs: 16

Optical Audio Outputs: 16

12V Triggers: 0

Audio Transmitters Included: 8

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

Analog Input Voltage: 2.0 Vrms

Analog Output Voltage: 2.0 Vrms

Input Impedance: 10K ohms

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)

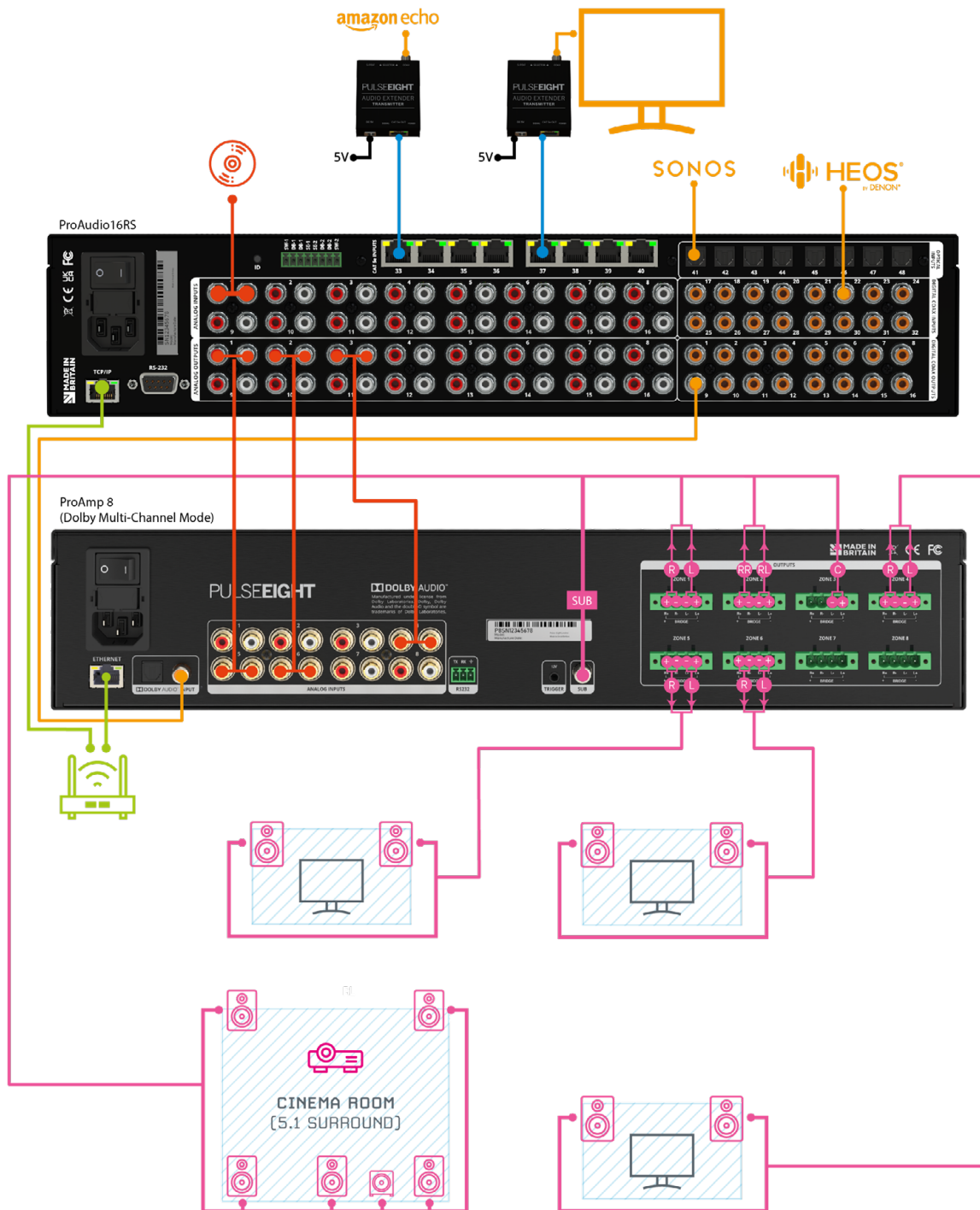
Humidity Range: 5 to 90% RH (no condensation)

Safety & Emissions: UKCA, CE, FCC, RoHS

Manufactured In: Great Britain by Pulse-Eight



CONCEPT WIRING DIAGRAM: ProAudio16RS and ProAmp8



LEGEND

- Infrared
- Cat 5e/6
- Digital Audio
- Analogue Audio
- Ethernet
- Speaker
- HDMI



COMPATIBLE CONTROL SYSTEMS

Control4 **CRESTRON**
 ELAN **RTI** **SAVANT**