



GENERAL

Output power per channel	160 W @ 2 Ω	160 W @ 4 Ω	160 W @ 8 Ω
Maximum power-sharing capacity per channel		320 W @ 4 Ω	320 W @ 8 Ω
Max output voltage / current			
Maximum unclipped output voltage			142 V _{peak}
Maximum output current			15.6 A _{peak}

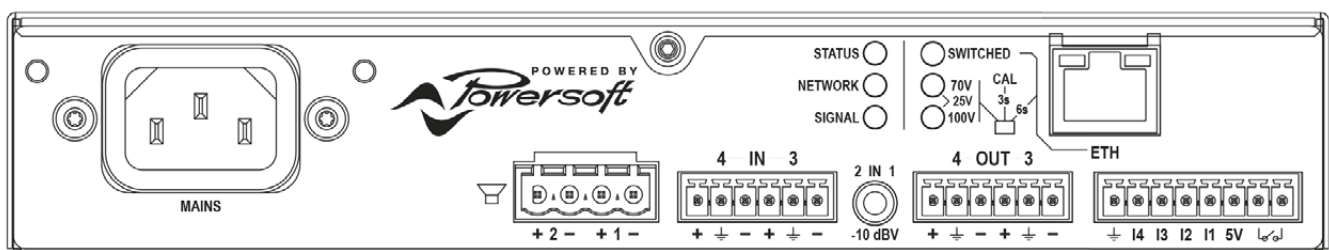
AC MAIN POWER

Power supply	Universal, regulated switch mode with PFC (Power Factor Correction)		
Nominal power requirement			100-240 V ±10%, 50-60 Hz
Operating voltage			90 V – 264 V
Power consumption/current draw			
Idle	115 V: 11 W – 0.21 A		230 V: 12 W – 0.17 A
1/8 of max output power @ 4 Ω	115 V: 73 W – 0.67 A		230 V: 75 W – 0.41 A

THERMAL

Thermal dissipation

Idle	115 V: 38 BTU/h		230 V: 40 BTU/h
1/8 of max output power @ 4 Ω	115 V: 78 BTU/h		230 V: 91 BTU/h



Channel Handling

Number of output channels 2 (Euro 5 mm)

Line level outputs 2 (Euro 3.8 mm)

Balanced inputs channels 2 (Euro 3.8 mm)

Unbalanced inputs channels 2 (stereo mini-jack)

Audio

Gain 17 dB - 47 dB (0.1 dB increments)

S/N (20 Hz - 20 kHz @ 8 Ω) analog input >103 dB

Input sensitivity 4 dBu (balanced) |
-10 dBV (unbalanced)

Max input level 18 dBu / 6.16 VRMS

Frequency Response @ 8 Ω 20Hz – 20kHz +/-0.5 dB

Crosstalk (1 kHz) -60dB

Input impedance 10KΩ to GND / 20kΩ balanced

CMRR (Typ.) 60 dB

DSP

AD converters 24 Bit @ 48 kHz 125 dB-A Dynamic Range - 0.00x % THD+N

DA converters 24 Bit @ 48 kHz 115 dB-A Dynamic Range - 0.00x % THD+N

Internal precision 32 bit floating point

Wake up time (from sleep) 2 s

Latency 2.5 ms fixed latency architecture

Delay 100ms (per output) for time alignment

Equalizer Parametric IIR: peaking, hi/lo-shelving, all-pass, band-pass, band-stop

Crossover Butterworth, Linkwitz-Riley, Bessel: 6 dB/oct to 24 dB/oct (IIR)

High pass filter A 12 dB Butterworth high pass is automatically set based on the impedance response in the auto setup

Limiters RMS voltage, Peak limiter

Load monitoring Triggered impedance sweep, average impedance and pilot tone monitoring

Cooling & fan noise

Sealed design - Internally cooled

Average output power capacity with fans not moving 4 W

Whisper mode 8 W (26 dBA)

Max power 30 dBA

Networking

Network 1 x RJ45 Fast Ethernet

Network modes Control/monitoring only

Construction

Dimensions 210 x 275 x 40 mm

Weight 2.6 kg

CERTIFICATIONS - A&E SPECIFICATIONS - USER GUIDES - SOFTWARE

Powersoft site Mezzo products www.powersoft.com