

# EvacU<sup>Elite</sup> Dual 25 Watt Amplifier Card

- ✓ Occupies two slots in the EvacU<sup>Elite</sup> Universal Rack.
- ✓ Class D amplifier with 2 x 25 Watt independent audio outputs with DC monitoring.
- ✓ 8 x Dual 25 Watt amplifiers fit into one Universal Rack providing up to 16 EWS Zones.
- ✓ Maximum load 25 Watt can be connected on each output.
- ✓ Dual colour LED visual indications provide commissioning technician with comprehensive module status.



EvacU<sup>Elite</sup> Dual 25 Watt Amplifier Card

## Product Overview

The Dual 25 Watt Amplifier Card occupies two slots in the EvacU<sup>Elite</sup> Universal Rack.

The Dual 25 Watt Amplifier is a Class D amplifier with 2 x 25 Watt independent audio outputs with DC monitoring.

The Dual 25 Watt Amplifier can be configured as two EWS zones or one by connecting one or two speaker circuits.

Both speaker zone outputs can be switched on simultaneously or independently.

Individual channel source and BGM selection for each 25 Watt Amplifier means that tones / message and back ground music source can be routed to each zone respectively.

Loudspeakers connected to this Amplifier should have blocking capacitors fitted to ensure correct function of the DC EOL Speaker Monitoring Circuit.

## Specifications

Total Harmonic Distortion	$\leq 0.1\%$ @ 25 Watt x2
Frequency Response (AS 4428.16)	400 Hz to 10kHz +/- 1dB w.r.t. 1kHz 200 Hz to 12kHz +/- 3dB w.r.t. 1kHz
SNR	$\geq 70$ dB
Speaker Circuit Monitoring	DC, nominal 47 k $\Omega$
Max Drive Voltage	100 V rms @ full load
Maximum Output Current	2 x 250 mAmps
Input	2 x Audio Streams @ 32 kHz 16 bit Audio
No. of Rack Slots	2
Current Consumption	128 mA @ 24 V DC (quiescent) 1161 mA (Full Audio Load 2 x 25 W AS 4428.16 Tones) 680 mA (Full Audio Load 1 x 25 W AS 4428.16 Tones)

## Item Numbers

6350-LPA25W-DUAL	Dual 25 Watt Amplifier
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