



J.B. Sound Industries Pty. Ltd.

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Manufacture & Consultancy:

Custom Electronics, Printed Circuit Boards,
Broadcast Equipment and Controlled Evacuation Systems

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DA-6/1 Distribution Amp.

(25mm wide (5E) EuroCard to operate from $\pm 24V$ supply)

DA-6 is a standard 220mm long Euro Card distribution amp with 6 independent balanced outputs, providing optimum isolation between outputs. Each balanced output has a source impedance of 44 ohms & is designed to drive a 600 ohm load, unused outputs may be left open circuit, while the on board + & - regulators are adequately heatsinked to support a short circuit on all 6 outputs, this board is supplied with a 25mm face plate to mount in a standard Euro Card, card frame.

Typical specifications:

Maximum input +26dbm

Maximum output +26dbm

THD @ 1k @ +26dbm < 0.1%

THD @ 1k @ +8dbm < 0.085%

THD @ 1k @ +8dbm < 0.075% with 15kHz filter

Response +0 -1db 20Hz to 100kHz test equipment limit.

DA-6 is DC coupled.

Level variation between outputs on test unit set to +8dbm
not measurable.

Maximum gain 24.5db

Maximum attenuation infinity

Output is now adjustable through the front panel.

Maximum DC Input Current:

All outputs terminated in 600 ohms and driven to overload = 258mA per card.

All outputs short circuit and driven to overload = 348mA per card.

Maximum recommended number of DA-6 boards per RPS-6 Power Supply = 8.



Typical Usages:

Splitting of audio output, to prevent excess loading of a single output,

Preventing an overload of any output affecting other outputs, ie user accessible outputs affecting AIR PROGRAM

Call J.B. Sound Industries Pty. Ltd to discuss your requirements.

(02) 9750-4372, Fax & email available.

