

Distribution Amplifiers – 1U Rack Mounting DA6-2, DA10-2

A range of high-performance distribution amplifiers allowing single outputs to be split to a number of different destinations. Each output is via a separate balanced buffer, thus preventing a short circuit on any output from affecting any other output. Outputs may be individually unbalanced without affecting gain, allowing any combination of balanced or unbalanced equipment to be driven.

Input gain is adjustable in the range of 10dB loss to 20dB gain via a multi-turn preset accessible through the front panel. All units have an integral power supply with an IEC mains connection. All versions are 1U rack mounting.



DA6-2

Stereo input to 6 stereo output distribution amplifier with input and outputs via XLR-type connectors. Suitable for stereo or dual mono distribution. May also be configured as 1-input, 12-output mono distribution amplifier by internal links.



DA10-2

Stereo input to 10 stereo output distribution amplifier with input on XLR and output via 38-way EDAC/Varelco (38 MP). Suitable for stereo or dual mono distribution.

Technical Specification

Input impedance: internally selectable 20k ohms or 600 ohms balanced

Input: common-mode rejection: 60dB typical

Frequency response: 20Hz to 20kHz ± 0.2 dB

Phase shift: 20Hz $< 1^\circ$ 20kHz $< 5^\circ$

Noise: -100dB (RMS 30Hz to 15kHz) at unity gain. Ref. +8dBu output

Distortion: (THD) +8dBu output: 40Hz 0.006%
1kHz 0.006% 10kHz 0.02%

Output impedance: < 1 ohm balanced and floating

Minimum load: 600 ohms

Gain range: adjustable up to 20dB gain and 10dB loss

Max. input level: +28dBu

Max. output level: +26dBu into 5k ohms +24dBu into 600 ohms

Mains supply: 230 V AC (115V available to order)
DA6-2: 20VA **DA10-2:** 30V

Case details: 1U 19" rack mounting, overall depth 165mm
0dBu = 0.775 volts RMS