

TTR 440

Stereo Audio Distribution Amplifier

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The TTR440 is a compact and competitively priced Eurocard based broadcast quality stereo audio distribution amplifier. It accepts one set of balanced stereo inputs and provides ten stereo outputs and ten mono outputs. It is usable as a stereo ADA or a dual mono ADA.

The inputs are electronically balanced with balanced transformer inputs available as an option. All outputs, stereo and mono, are also balanced electronically and, again, can be provided as transformer outputs as an option. The unit has independent adjustments of left, right and mono output gains on the front panel.

The TTR440 is supplied in Eurocard format fitted with a DIN41612 edge connector. In a 3U rack system, this connector mates with the ADA B.P card which brings out the input and output connections to a two part multi-pin connector system, and is therefore ideal for the pre-wiring of installations. A 3U frame can accommodate up to fifteen cards, but although ten stereo and ten mono balanced outputs are available from each card, there is insufficient space at the rear of the unit for them all to be made available. A typical arrangement is to bring out seven stereo and three mono outputs. The on-board power supply includes rectifiers and regulators allowing the power input to be either ac or dc. Normally unregulated DC is bussed across the rack connecting to each ADA B.P card. The TTR440 can be fitted in the same 3U rack unit with TTR400 EDAs enabling video and audio systems to be mixed.

Features

- Full Broadcast Specification.
- Ten stereo balanced outputs available.
- Ten mono balanced outputs available.
- On-board PSU.

Specifications

	<ul style="list-style-type: none">• Gain range -6 dB to +12 dB• Input Impedance 10Kohm• Output Impedance 50ohm• Frequency Response +/- 0.2db 10 Hz to 50 KHz• Hum and Noise better than -90dB• Crosstalk 95dB at 1 KHz• Distortion @ 0dB 0.01% @ 12dB 0.05%
INPUTS	<ul style="list-style-type: none">• 1 set of stereo inputs (or 2x mono inputs)• (Electronically balanced - transformer option)
OUTPUTS	<ul style="list-style-type: none">• (Electronically balanced)• 10 sets of left outputs• 10 sets of right outputs• 10 sets of mono outputs
POWER	<ul style="list-style-type: none">• 98-125V or 198-250V (120VA nominal)
CASE	<ul style="list-style-type: none">• Width 19" rack mounting• Height 1U (44mm)• Depth 395mm including rear connectors• Weight 12 Kg (packed)
CONNECTOR TYPES	<ul style="list-style-type: none">• Audio via multipin connector• Power (mating supplied) IEC

TTR

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