

TTR 400

Equalizing Distribution Amplifier

TTR

Equalizing Distribution Amplifier

BROADCAST VIDEO EQUALIZING DISTRIBUTION AMPLIFIER

The TTR400 Equalising Distribution Amplifier is a very versatile, compact and competitively priced unit, incorporating all the features necessary for today's system requirements.

It is designed to broadcast specification, providing six outputs as standard, with an option for twelve outputs. The unit also has a pulse capability up to 4V. The impressive specification includes the ability to equalise up to 300m of PSF1/2 cable or equivalent.

The unit can be supplied for various modes which include balanced (common mode rejection) or unbalanced inputs and outputs, and normal or inverted inputs and outputs. An internal link is used to select the clamp or auto dc facilities.

The TTR400 is supplied in Eurocard format. It is housed in a 3U rack unit which can accommodate up to fifteen six output amplifiers. If more than six outputs are required per amplifier, the number that can be accommodated in the rack unit is reduced, due to space limitations for connectors on the rear panel. If twelve outputs are required per amplifier, the number of amplifiers that can be accommodated is reduced to seven. The on-board power supply includes rectifiers and regulators allowing the power input to be either ac or dc. The TTR400 can be mixed in the same 3U rack unit with the TTR440 Audio Distribution Amplifier.

Features

- Full Broadcast Specification.
- Six or twelve outputs.
- Equalizes up to 300m of PSF1/2 cable or equivalent.
- Balanced/unbalanced input and outputs.
- Clamped or auto dc (set by link).
- Pulse capability up to 4V.

Specifications

	<ul style="list-style-type: none">• Input impedance looping• Output impedance 75R• Input return loss > 36dB to 5.5MHz• Output return loss > 34dB to 5.5MHz• Hum noise < -76dB rms weighted• K rating > 0.5%K• Differential gain < 0.1%• Differential phase < 0.1• Frequency Response +/- 0.2dB to 5.5MHz
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">• Video BNC• Power (mating supplied) IEC

TTR

TTR Ltd
84 Bridge Road,
Chertsey, Surrey
KT16 8LA. England.
Telephone: +44 (0) 1932 564063
Fax: +44 (0) 1932 885182
E-mail: Sales@ttr.co.uk