



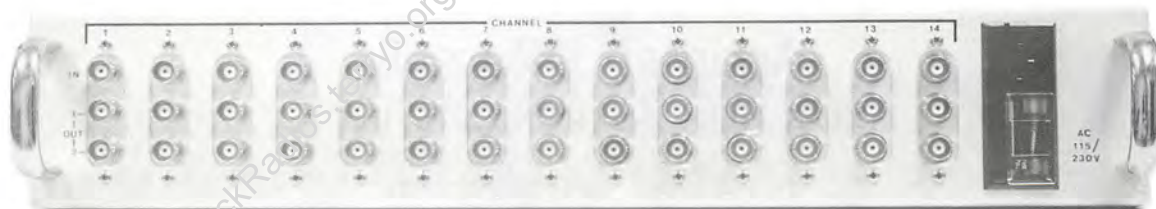
FEATURES

- 14 Channels
- Two Isolated Outputs Per Channel
- 300 Hz-4 kHz
- Low Noise

DESCRIPTION

The Model 553 Audio Distribution Amplifier is a general purpose unit containing 14 independent audio amplifiers. Each amplifier provides dual isolated outputs with a 1 dB frequency response of 300 Hz to 4 kHz. It has been optimized for operation for signal processing in systems employing multiple FDM demodulators.

The unit is housed in an EIA standard 3-1/2 inches high, rack-mount, chassis. Special amplifier housings and power supply filters provide exceptional EMI integrity.



Model 553, Rear View

SPECIFICATIONS

No. of Channels	14
Outputs Per Channel	two
Frequency Response (1dB)	300 Hz - 4 kHz, minimum
Input Signal Level	1 Vrms
Impedance - Input and Output	600 ohms (unbalanced)
Gain	0 dB
Noise	μ 50 Vrms

Connectors - Rear Panel	BNC
Power	115/230 VAC \pm 10%, 47 to 63 Hz, 15 watts
Temperature - Operating	0° to 50° C
Style	EIA Standard Chassis, 3-1/2 inches high, 17 inches deep, suitable for 19-inch rack mounting
Weight	20 lbs.

Specifications are subject to change without notice.

ORDERING INFORMATION

A Model 553 Audio Distribution Amplifier provides 14 independent audio amplifiers with a 1 dB frequency response of 300 Hz to 4 kHz, and with two unbalanced outputs per amplifier. When ordering, please specify:

553 Audio Distribution Amplifier

WARRANTY

All of Reaction Instruments' equipment is warranted for one year, except for damage caused by accident or misuse, provided the equipment is returned for repair to the plant in Herndon, VA

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