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RA1-HP Speaker driver / Power Amplifier



Description

High power version of the RA1 amplifier. The RA1-HP is typically used in 2-way audio surveillance systems where high public address volume is required. This amplifier is designed to drive a single speaker at 30 watts or multiple standard 70v speakers.

Kit Includes

- RA1-HP
- RCA or 3.5mm patch cord
- Warning label

Wiring Requirements

- 8 Ohm direct mode, 18 gauge, 2 conductor, 100 feet max
- 70V line mode, 22 gauge, 2 conductor, shielded.
- 120VAC input at 40VA.

Caution

It is the responsibility of the installation company and end user to comply with state and federal privacy laws regarding the use of audio surveillance equipment. If you are unfamiliar with these laws, consult a qualified attorney. In most cases, posting the provided warning label in plain view is all that is required.

Warranty

1 year parts and labor.

RA1-HP Features and Specifications

- 30 Watts continuous RMS power at .05% THD into 8 Ohms
- Output short circuit protected.
- Switch selectable 70V or line level (0 DB input)
- Switch selectable 70V or 8 Ohm direct output
- Adjustable volume control
- Internal power supply is Fused and PTC protected
- Power indicator
- Dimensions: L 7.0" X W 4.5" X H 3.5"

Note – In 70V mode, speakers are connected in parallel (daisy-chained). The sum of their power “taps” must add up to 30 Watts. Examples of possible speaker combinations

- one 30W speaker, 8 Ohm or 70V
- two 15W 70V speakers
- six 5W 70V speakers
- fifteen 2W 70V speakers