



ZCM-101

Broadband Distribution Amplifier Stock No. 1471

Description

The ZCM-101 is a broadband indoor VHF distribution amplifier designed to amplify the signal from a cable or VHF antenna lead, VCR, video disk player, computer or video game. The unit has a frequency range of 50 to 550 MHz and provides low noise amplification of weak signals.

Specifications

Frequency Range: 50 to 550 MHz

Gain: 10 dB

Noise Figure: 3.5 dB

Impedance - All Ports: 75 ohms

Power Requirements

Voltage: 117, $\pm 10\%$, VAC

Frequency: 60 Hz

Power: 1.2 W

Temperature Range: 0 to $+50^{\circ}\text{C}$

Dimensions (LxWxD)

4.88 x 2.00 x 2.50 in.

124 x 51 x 64 mm

Weight:

0.50 lbs.

0.23 Kgs.



The lightning flash with arrowhead symbol within an equilateral triangle is intended to alert you to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electrical shock to persons.



CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN



The exclamation point within an equilateral triangle is intended to alert you to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.

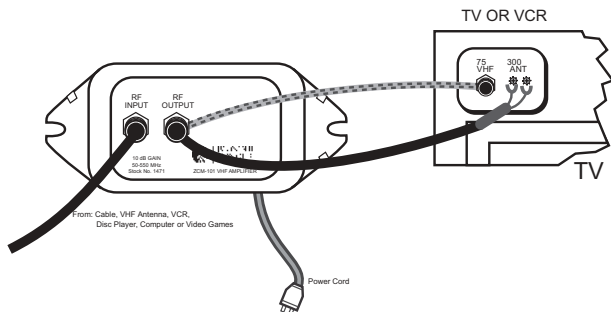
TO REDUCE THE RISK OF ELECTRICAL SHOCK, DO NOT REMOVE COVER FROM THIS UNIT. NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

WARNING: TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS UNIT TO RAIN OR MOISTURE

NOTE TO CATV SYSTEM INSTALLER

This reminder is provided to call the CATV System Installer's attention to Article 820-40 of the NEC that provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of cable entry as practical.

Installation



1. Use RG-6 coaxial cable for all connections.
2. connect the signal from the VHF antenna, cable, VCR, disc player, computer or video game to the input of the ZCM-101 amplifier.
NOTE: The ZCM-101 is designed to accept one input, however, the signal from more than one device can be connected by using an A/B switch.
3. Connect the output of the ZCM-101 to the 75 ohm VHF connector on the TV/monitor or VCR. If the TV has a 300 ohm terminal, install a 75 to 300 ohm transformer (see Illustration above).
4. Connect the power cord to a standard AC outlet (120V, 60 Hz).



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