

CVZM1

load and impedance meter technical data sheet



key features:

measures impedance (Ω ohms)
calculates power for 70/25V systems (W watts)

key applications:

measure 70/25V loads
analyze loudspeaker performance in a sound system

specifications: CVZM1

Test frequencies	100 Hz, 330 Hz, 1 kHz, 10 kHz
Voltage ranges	25VAC (some public institutions and schools in USA) 50VAC (international) 70VAC (industrial standard in USA) 100VAC (international)
Impedance ranges	0 to 199.9 ohms 0 to 1999 ohms 0 to 19990 ohms
Wattage ranges	0 to 199.9 watts 0 to 1999 watts
Accuracy (typical)	impedance \pm 3% wattage \pm 2%
Connectors	load / output banana jacks
Display	3.5 digit LCD display with low-battery warning indicator
Batteries	8 AA alkaline batteries
Battery life	35 hours (impedance mode) 23 hours (wattage mode)
Dimensions	3.25" wide 8" high 2.25" deep
Weight	12 ounces
Instrument case	high impact ABS enclosure

description:

The CVZM1 is a useful electrical test and measurement instrument for all audio installers and contractors. The CVZM1 measures the impedance of loudspeakers and loudspeaker systems as well as individual electrical components (resistors, capacitors, inductors, etc). It will calculate the wattage used by an installed loudspeaker system.

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