



AUDIO OUTPUT POWER METER

MODEL - ADPWDM100

The Audio output Power Meter indicates directly the audio frequency-power that a source can deliver with any desired load. It is useful in determining the output characteristics and internal impedance of lines, oscilloscopes, transformers, transducers and other new-works.

Functionally, the system is a selectable load in series with which is connected an ammeter calibrated to read power in watts as well as in decibels.

SPECIFICATIONS

POWER RANGES	:	1mW to 100W full scale in six decades ranges. The db scales is from - 10db to + 10dB.
IMPEDANCE RANGES	:	Five selectable impedance, Viz., 3, 4, 5, 8, 16 Ohms.
IMPEDANCE ACCURACY	:	+ 3% from 20Hz to 20 KHz.
WATTAGE ACCURACY	:	+ 4% from 20Hz to 20 KHz.
DIMENSION	:	140mm (H) x 240mm (W) x 24 mm (D).
POWER INPUT	:	230V + 10% 50Hz.

OPERATING PROCEDURE

1. Connect the audio signal to the meter input terminals.
2. First select highest range on meter i.e. 100Watts.
3. Select required load impedance from 3 ohm to 16 ohms by switch.
4. Observe the reading. If reading is less select lower ranges as required. The reading is in watts as well as in decibels.

In keeping view of SIGMA policy of continuous development and improvement, the Specifications may be changed without prior notice or obligation.

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