



# 3 BAND AM/SW/FM RADIO RECEIVER TRAINER

MODEL - RDM102

This trainer has been designed with a view to provide practical and experimental knowledge of a general circuit of MW/SW/FM RADIO on SINGLE P.C.B with FAULT CREATING facilities to create more than 10 FAULTS.



## FEATURES

1. The complete circuit of a MW/SW/FM RADIO is printed on a single P.C.B.
2. Explanation, Observation, Alignment and adjustment of Internal and external controls is possible due to Single P.C.B.
3. Easy identification of different parts is possible at a glance.
4. Easy measurement of voltages and observation of waveforms at any point. Also typical voltages and Waveforms are provided.
5. A manual having more than 10 practicals is provided with trainer.
6. The whole circuit of MW/SW/FM RADIO is explained sectionwise in detail in manual.

## SPECIFICATIONS

1. Power supply : 230V Ac, 50Hz or 6V DC External.
2. Built in IC Regulated supply.
3. Audio Power output : 450 mW.
4. Frequency range : MW 520 - 1620KHz.  
SW - 4.4 - 16MHz.  
FM 88 - 108MHz.
5. Controls : Volume and Tone controls.
6. Current consumption : 25 mA at zero signal current.
7. Shock proof circuit.
8. Distortion : 5% to 10%
9. Ferrite Antenna for MW, Loop Antenna for SW and Telescopic Antenna for FM band.
10. Measurement of S/N Ratio, Sensitivity, Selectivity, Fidelity.
11. All parts are soldered on single PCB with complete circuit diagram screen-printed.
12. Standard Accessories : 1. A manual having practical

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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**Dealer:-**