



# SUPERHETRODYNE RADIO RECEIVER TRAINER

MODEL - RDM100N

This trainer has been designed with a view to provide practical and experimental knowledge of a general circuit of Superheterodyne radio on Single PCB.



## SPECIFICATIONS

- |                         |   |  |
|-------------------------|---|--|
| 1. Power supply         | : | 220V Ac, 50Hz  |
| 2. Audio power output   | : | 450mw maximum.   |
| 3. Frequency range      | : | MW - 520 - 1620 Khz.   |
| 4. Controls             | : | Volume and Tone controls.  |
| 5. Instrument required  | : | Standard signal generator with 1MHz carrier and 30% modulation index |
| 6. Standard Accessories | : | 1. A Training Manual.<br>2. Connecting Patch cords.                  |

## EXPERIMENTS

1. To measure Sensitivity.
2. To measure Selectivity.
3. To measure Fidelity .
4. To measure Automatic Gain Control (AGC).

**Note:-** Standard signal generator with 1MHz carrier and 30% modulation index similar to Signet IE900A is compulsory required for above experiments.

**Sigma Trainers and Kits**  
E-113, Jai Ambe Nagar,  
Near Udgam School,  
Thaltej,  
**AHMEDABAD - 380054.**  
**INDIA.**

**Phone(O): +91-79-26852427/ 26850829**  
**Phone(F): +91-79-26767512/ 26767648**  
**Fax : +91-79-26840290/ 26840290**  
**Mobile : +91-9824001168**  
**Email : sales@sigmatrainers.com**  
**: sigmatrainers@sify.com**  
**Web : www.sigmatrainers.com**

**Dealer:-**