



# TWO IN ONE (RADIO CASSETTE RECORDER) TRAINER

MODEL - RTDM100

This trainer has been designed with a view to provide Practical and experimental Knowledge of a general circuit of TWO IN ONE (Radio cassette recorder) on SINGLE P.C.B. of size 24"x15".



## FEATURES

1. The complete circuit of a TWO IN ONE is printed on a single P.C.B.
2. All parts are soldered on single pin tags for easy replacement.
3. Explanation, Observation, Alignments and adjustment of Internal and external controls is possible due to single P.C.B.
4. Easy identification of different parts is possible at a glance.
5. Easy measurement of voltages and observation of waveforms at any point. Also typical voltages waveforms are provided.
6. A manual having practical detail is provided with the trainer.
7. The whole circuit of Radio cassette recorder is explained section wise in detail in the manual.

## SPECIFICATIONS

1. Power supply : 230V AC, 50Hz or 6V DC (1.5 x 4 cells).
2. Built in IC Regulated supply.
2. Audio power output : 1.00 watts maximum.
3. Frequency response : 100 to 8000 Hz.
4. Tape speed : 4.75 cms/sec.
5. Speaker size : 4"/4 ohm.
6. Erase system : DC erase.
7. Radio section : MW - 550KHz to 1600 KHz.
8. Recording bias : AC Bias.
9. Distortion : 5 to 10% at full volume
10. Automatic level control, Auto stop.
11. Volume and Tone control.
12. Monitor switch.
13. Built in condenser mike.
14. LEDs for recording, power and output indication.
15. All parts are soldered on tags on SINGLE PCB of size 24" x 15" with complete circuit diagram screen printed.
16. Standard Accessories : 1. A Manual having practical details.

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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