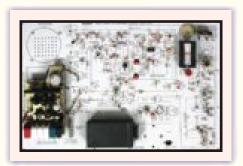


TWO IN ONE (RADIO CASSETTE RECORDER) TRAINER

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.

Audio power output
 1.00 watts maximum.
 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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