

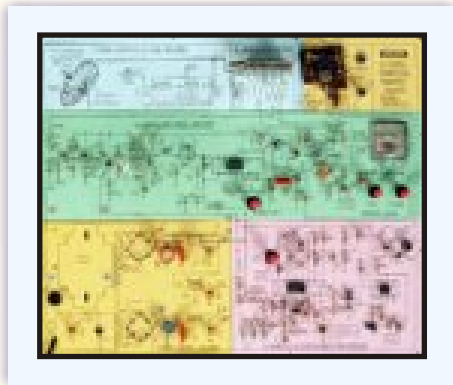


'C'BAND SATELLITE RECEIVER TRAINER

MODEL DISHDM100

This trainer has been designed with a view to provide practical and experimental knowledge of a satellite receiver on SINGLE PCB.

FEATURES



- ❖ The complete circuit of SATELLITE T.V. RECEIVER is printed on a single PCB.
- ❖ Parts are soldered on single pin tags for easy replacement and fault creation.
- ❖ Fault creation facilities are provided by removing jumpers, by rotating presets, by changing parts.
- ❖ About more than 10 faults can be demonstrated on this trainer.
- ❖ Section wise different coloured screen printed circuit on the PCB for easy understanding of functions of different sections.
- ❖ Typical ICs are provided on sockets to provide a facility to check similar other ICs and also to create the faults by inserting faulty ICs in the sockets.
- ❖ Explanation, Observation, Alignment and adjustment of Internal and external controls is possible at a glance due to single P.C.B.
- ❖ Easy identification of different parts of SATELLITE T.V. RECEIVER at a glance.
- ❖ Easy measurement of Voltages and Observation of waveforms at any point. Also typical voltages and Waveforms are provided.
- ❖ A manual having practical details is provided with the trainer.
- ❖ The whole circuit of SATELLITE T.V. RECEIVER is explained section wise in detail in the manual.

SPECIFICATIONS

1. Power supply : 200v to 240v AC, 50Hz.
2. Dish Antenna : 8' Aluminum mesh type steerable manually.
3. LNB (Low Noise Block down converter)
 - Input frequency : 3.7 to 4.2 GHz. continuously tunable.
 - Output frequency : 950 to 1450 MHz.
 - Conversion gain : 65 dB.
 - Noise Temp : 35 degree K max.
4. Receiver in Trainer Form
 - IF frequency : 70 MHz.
 - Video Bandwidth : 50 Hz to 5 MHz.
 - Video output level : 1 Vpp. (at 75 ohm load)
 - Video polarity : Normal/Inverted Switch selectable
 - Audio sub carrier frequency : Tunable from 5.0 to 8.0 MHz.
 - R.F Output channel : No.2
5. Indicator : VU Meter Signal level indicator
6. Feed Horn : Linear Fix type.
7. Controls : Channel Tuning (Video frequency Tuning, Audio frequency tuning, Video Level (Contrast) and Tone.
8. Indicator : VU Meter Signal level indicator
9. Distortion : 10 to 15% in live program in audio and video.
10. The parts soldered on hollow tags of 0.25" diameter with height of 0.4" on the front side of SINGLE PCB of size 18" x 15" with complete circuit diagram screen printed in multicolor on front side with parts at the same place.
11. The acrylic cover fitted on PCB to safeguard parts on front side in elegant wooden box having lock and key. The testing points must be provided with 1.25" tags to connect CRO probe.
12. Standard accessories :
 1. Dish Antenna-8 feet , LNB, Feed horn
 2. All Cables & Fixing Hardwares.
 3. Teaching manual

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Dealer:-