



MATV TRAINER (MASTER ANTENNA TV) MODEL - MATV100

This trainer has been designed with a view to provide theoretical and practical knowledge of a COMPLEX TECHNOLOGY of Master Antenna TV on SINGLE P.C.B.



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. Sections : Power supply, Dish Antenna & LNB, Tuner, Video Amplifier, Audio detector & Amplifier, R.F Modulator.
8. Controls : Channel Tuning (Video frequency tuning, Audio frequency tuning, Video Level (Contrast) and Tone.
9. Indicator : VU Meter Signal level indicator
10. Sections : Power supply, Dish Antenna & LNB, Tuner, Video Amplifier, Audio detector & Amplifier Modulator.
11. Distortion : 10 to 15% in live program in audio and video.
12. All parts are soldered on tags on Single PCB with complete circuit diagram screen-printed.
13. Standard accessories : 1. Dish Antenna-8 feet, 2. LNB, 3. Feed horn, 4. Trainer PCB, 5. Dish connecting wire, 6. R.F out put cable, 7. Teaching manual, 8. Acrylic cover, 9. Hardware Material for assembly of dish antenna. 10. Cable splitters, 11. Cable Ties, 12. Cable Repeater Amplifier, 13. Bullet Power Amplifier

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:-