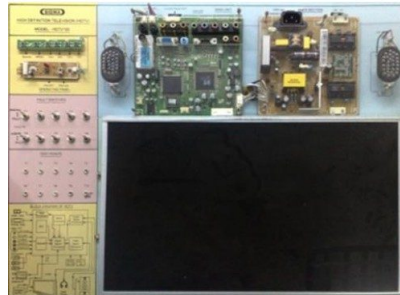




LCD TV Trainer

Category: Electronic Engineering · Model reference: MZM-3009



SPECIFICATIONS

Description:

- The main circuit board is soldered on single PCB.
- The students can visually observe the electronic circuits and mechanical parts easily.
- The block diagram is printed on single PCB.
- Fault creation facilities are provided by switches.
- About more than 5 faults can be demonstrated on this trainer.
- Section wise different colored screen printed circuit on the PCB for easy understanding of functions of different Sections.
- Typical ICs are provided on sockets.
- Explanation, Observation, Alignment and adjustment of internal and External controls is possible at a glance due to single PCB.
- Easy identification of different parts of DTV at a glance.
- Easy measurement of Voltages and observation of waveforms at any point. Also typical voltages and waveforms are provided.
- A manual having 10 practical is provided with this trainer.
- The whole circuit of DTV is explained section wise in detail in the manual.

Specification

1. Display : 15" Diagonal Size , Flat panel display / TFT active matrix
2. Max Resolution : 1280 x 1024
3. Aspect ratio : 4:3
4. Image
 - Image Brightness : 300 cd/m²
 - Image Contrast Ratio : 350:1
 - Image Max H-View Angle : 160
 - Image Max V-View Angle : 160
5. Interface
 - Analog Video Input : RGB VGA (HD-15)
 - Analog Video Input : S-Video
 - Composite Video Input : RCA Yellow,
 - Audio Input : RCA- Left (White), Right (Red)
 - Antenna RF Input : RF - SDTV/ PAL
6. Application : Used as Monitor (PC), DTV, SDTV, AV Player, S-Video

7. Computer Monitor Driver : Windows 98, XP, 2000

8. Tuner Channels : 2 to 69

9. On Screen display : Volume, Brightness, Contrast, Color, Channel, Tuning

10. Remote Control functions : On screen display of Volume, Brightness, Contrast, Channel

11. Audio Amplifier : 3 W PMPO

12. Faults : 5 No.

13. PCB Size : 15"x12" with Block diagram in multicolor section wise

14. Power supply : 230V + 15% AC, 50 Hz, 60 watts

15. Standard Accessories : 1. Trainer PCB with LCD display, 2. Different input Cables, 3. A Manual having 10 practical

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