LED TV TRAINER

MODEL - LEDTV100

This trainer has been designed with a view to provide theoretical and practical knowledge of a general LED TV on SINGLE P.C.B.

SPECIFICATIONS

1.	Display	:	21" LED HD display
	Max Resolution	:	1280 x 1024
	Aspect ratio	:	4:3
2.	Image		
	Image Brightness	:	300 cd/m2
	Image Contrast Ratio	:	350:1
	Image Max H-View Angle	:	160
	Image Max V-View Angle	:	160
3.	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
4.	Application	:	Used as Monitor (PC), DTV, SDTV, AV Player, S- Video Player
5.	Computer Monitor Driver	:	Windows 98, XP, 2000
6.	Tuner Channels	:	2 to 69
7.	On Screen display	:	Volume, Brightness, Contrast, Color, Channel, Tuning.
8.	Remote Control functions	:	On screen display of Volume, Brightness, Contrast, Channel
9.	Audio Amplifier	:	3 W PMPO
10.	Faults	:	5 No.
11.	Power supply	:	230V + 15% AC, 50 Hz, 60 watts.

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:-

12. Remote as well as manual Operation
13. Onboard HDMI, USB, VGA/PC Input , AV Out , Ear Phone.
14. Inbuilt speakers
15. Onboard Test Points and Switchable Faults
16. Video input
17. Confirming to Indian TV standards
18. Interfaceable to computer and antenna / set-top box of commercial DTH services providers with Instruction Manual

EXPERIMENTS

1. To Study Operating Panel of LED TV.
2. To Study the Connections
3. To Study Remote Section
4. Trouble shooting
5. To measure Test Point Voltages for different sections
6. To observe Test Point Waveforms for different sections
7. To demonstrate and understand of faults
8. To study complete schematic circuit Diagram