



Mine MI-CE05 LED TV Trainer is designed with a view to provide theoretical and practical knowledge of a general LED TV on a single Board. This kit designed in consideration to provide explanation of different module blocks of LED TV with numerous of faults. It is a platform where students can visually observe the electronic circuits easily. An easy identification of different parts of LED TV at a glance. Easy measurement of voltages and observation of waveforms at any point. understanding different blocks of a LED TV .

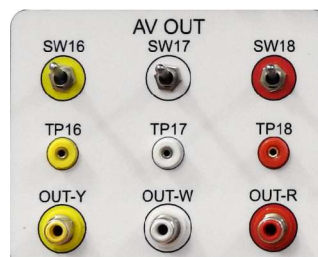
Features

- Easy to operate with Remote
- Functional Block level Study
- Switch Faults provided for Different blocks
- Trainer Mounted on good quality Aluminium Profile.

Learning's

- To study of LED TV Principle.
- To study of Main Board of LED TV Trainer
- To study of Power Supply Section and Faults
- To study of LED TV Control Switches.
- To study of remote functioning of LED TV Trainer.
- To study of LVDS connections and Faults.
- To study and observe of audio signals of TV.
- To study of AV in and out faults of TV

Main Board



Technical Specifications

LED TV	:	Trainer Consist a 60 cm color LED TV with latest technology support.
Trainer must Be Mounted on good quality Aluminum Profile.		
Connectors	:	AV, HDMI, USB, VGA, Audio and RF.
Channels	:	VHF & UHF.
Sound System	:	Stereo.
Remote Control	:	Infrared based remote control.
Test Points	:	More than 30 nos. provided to analyze signals.
Block Diagram	:	Modular platform is provided to in different blocks.
Faults	:	More than 35nos. provide to observe effects on different section of LED TV.
Motherboard :		
TV System	:	PAL/SECAM/NTSC
Key Button Functions	:	CH+/CH-/Menu/Vol+/Vol-/Source/Power
Multi-Language OSD	:	Yes
Input/output Port	:	HDMI, VGA, AV, USB, RF TV Interface and Earphone Out.
Audio Output Power	:	2X5Watt(8ohms)
Panel Voltage	:	+3.3V/+5V/+12V DC(Jumping Cap Setting)
USB Port	:	Multimedia supported
IR Controls	:	Yes(Controls by Remote)
Input Line Voltage	:	230V, AC \pm 10%, 50Hz
Dimension in CM	:	85 (L) x 36 (W) x 65 (H). (Approx.)
Weight	:	Approx. 10Kg.

Trainer must be completely covered from back side.

Note: Sensitive part of Trainer covered by acrylic blocks to provide protection against dust and also keep safe to learner from electric shock or any kind of human injuries

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