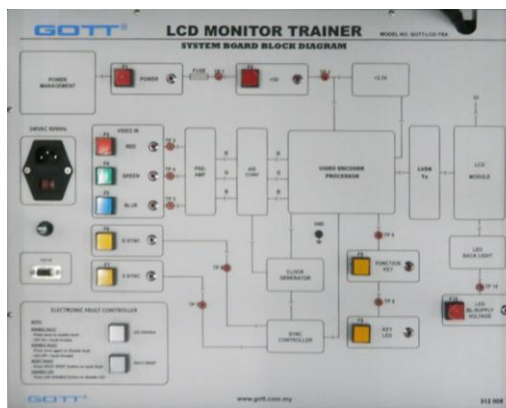# LCD MONITOR TRAINER
Model Number : GOTT-LCD-TRA

DESCRIPTION

The GOTT LCD MONITOR TRAINER is designed to instruct service technicians in the operation, theory, servicing, problem diagnosis and repair of the key devices and components used in Information Technology.

The trainer is based upon LCD Monitor and components which have been modified to facilitate training and have a special electronic fault insertion system. The unit consists of LCD Monitor that shows all key internal components and functions.

PRODUCT FEATURES

FEATURES OF THE SYSTEM

- Can be connected to GOTT's trainers through VGA cable
- Circuit block diagram of showing the function of the system
- LED lights monitor data transfer activity
- Electronic Fault Controller is built into the trainer for student instruction purposes

CURICULUM COVERAGE

This Trainer includes step-by-step diagnosis and trouble-shooting procedures, including:

- Hardware Assembly and Testing
- Personal Safety
- Block Diagram
- Schematic Diagram
- Troubleshooting Procedures
- Common Fault Simulation Testing
- Waveform for Common Test Point
- Reference Data

TRAINER DISASSEMBLY

At the end of the course, the student uses the step-by-step illustrate destructions in the Experiment Manual to disassemble the trainer and prepare it for the next class

Reinforce Construction
Hinges and Corner Protector

Key Lock

Manuals :
(1) All manuals are written in English
(2) Model Answer
(3) Teaching Manuals

Warranty:
2 Years

General Terms :
(1) Accessories will be provided where applicable.
(2) Manuals & Training will be provided where applicable.
(3) Designs & Specifications are subject to change without notice.
(4) We reserve the right to discontinue the manufacturing of any product.

BLOCK DIAGRAM

- RGB video in signals
- Voltage regulator
- VGA input
- Sync controller
- LVDS
- CFL Backlight control
- LED Activity
- Video Encoder Processor
- RGB Pre-amp

ELECTRONIC FAULT CONTROLLER

- LED to indicate the nature and location of the fault on the Block Diagram
- Enabled when touching the push button; Disabled when touching the push button again
- Single or multiple faults can be introduced at any time
- Activated faults are visible as the corresponding LED illuminates on the fault board
- LEDs can be switched off thereby not allowing the student to know where the fault is, this feature is ideal for testing the student's troubleshooting ability
- Single press for Fault Reset

GENERAL SPECIFICATION

OPERATION CONDITION	INPUT POWER
0°C to 45°C , 85% or Less (R.H.)	AC 220V - 240V, 50/60Hz, 1-Phase

ORDERING INFORMATION :

ITEM	MODEL NUMBER	CODE
LCD MONITOR TRAINER	GOTT-LCD-TRA	312-008

Proposed design only, subject to changes without any notice.