

# COMPUTER MODEM TRAINER

Model Number : GOTT-COM-TRAINER



## DESCRIPTION

The GOTT COMPUTER MODEM 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 modem and components which have been modified to facilitate training and have a special electronic fault insertion system. The unit consists of modem that shows all key internal components and functions.

## PRODUCT FEATURES

### FEATURES OF THE SYSTEM

- Can be connected to GOTT's trainers and function as an additional equipment
- 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

### CURRICULUM COVERAGE

This Trainer includes step-by-step diagnosis and troubleshooting 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

## GENERAL SPECIFICATION

### OPERATION CONDITION

0°C to 45°C , 85% or Less (R.H.)

### INPUT POWER

AC 220V - 240V, 50/60Hz, 1-Phase  
( or AC 110V, 50/60Hz 1-Phase by Order )

## BLOCK DIAGRAM

- DC/DC Converter
- Voltage regulator
- Phone line
- ADSL Transformer
- ADSL line driver
- Universal serial bus
- LED Activity
- Local Area Network
- 10/100 base transformer

## 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

## 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



Reinforce Construction  
Hinges and Corner Protector



Key Lock

### Manuals :

- (1) All manuals are written in English
- (2) Theory Manual
- (3) Experiment Manual

### General Terms :

- (1) Accessories will be provided where applicable.
- (2) Manual & Training will be provided where applicable.
- (3) Design & specifications are subject to change without notice.
- (4) We reserve the right to discontinue the manufacturing of any product.

### Warranty:

2 Years

## ORDERING INFORMATION:

ITEM	MODEL NUMBER	CODE
COMPUTER MODEM TRAINER	GOTT-COM-TRAINER	312-009

\* Proposed design only, subject to changes without any notice.