

H-ETST-1 Electronic Telephone System Trainer

Purpose

The Hampden **Model H-ETST-1** Electronic Telephone System Trainer was developed for student training and troubleshooting of state-of-the-art electronic telephone systems. This trainer permits the student to move from classroom theory to hands-on troubleshooting with current technologies.

Specifications

Components are mounted on a wood-core melamine panel. The following components are mounted on the panel:

- Electra Elite, IPK Key Service Unit (KSU) containing the electronic switching circuits, CPU, Electronic Telephone Units (ETU) cards, power supply, and backup CPU battery pack
- Modular Station Jacks (13)
- 66M1-50 Punch Block (3)
- 110 - 50 Punch Block (2)
- DTR-1-1 (SLTA) Phone (2)
- DTH-8D-1 Digital Phone (2)
- DTH-8-1 Digital Phone
- 110-50 Replacement Plugs
- Power Input 1 ϕ AC, 50/60Hz.

Faults

The **Model H-ETST-1** is provided with eight instructor switched faults located in a metal enclosure with locking access cover, and three non-switched faults. Faults included:

- opens
- shorts
- reversals
- ground noise
- cross wired
- missed connections



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Optional Accessory

- H-ETST-1T Electronic Telephone Installers Tool Kit

Topics Covered

Courseware is: *Telephone Repair Illustrated* by Stephen J. Bigelow which explores the fundamentals of signal transmission and switching and includes many examples and problems.

Topics included:

- Telephone Technology
- Components
- Service Guidelines
- Using Test Equipment
- Wiring Installation and Repair
- Classical Telephones
- Electronic Telephones
- Answering Machines
- Cordless Phones
- Cellular Phones
- Troubleshooting Charts

Accessories

1. Punch Down Tool
2. Cable Splice Kit (Scissors and Knife)
3. Tone and Probe Kit
4. Spool - Cross Wire (1 twisted pair Red/White)
5. Spool (Box) CAT-3 Riser COMM 24 AWG 4 Pair 1000'
6. Tool Box
7. Bridging Clips for 66M1-50 Blocks
8. IPK Programming Manual
9. Telephone Line Cord with Fault
10. Hampden H-444-1 Multimeter
11. H-ETST-1 KSU Documents CD-ROM
12. Hampden Operating Instruction Manual



MODEL H-ETST-1
Accessories



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All Hampden units are available for operation at any voltage or frequency

Hampden
ENGINEERING CORPORATION