

ETA-3a Telephone Analyzer



- **Tests All Types of Telephones— analog, Digital and VOIP**
- **Finds All Audio Paths**
- **Measures Voltage and Current**
- **Interfaces with other test equipment— TDR, RF Detector, Oscilloscope**
- **Lightweight, Portable**

The ETA-3a has been specifically designed for testing both single line and electronic business telephones in use worldwide today. You can measure operating voltages, measure instrument current do multi-tone sweeping and test all combinations of wires in up to an 8 wire cable (or more with adaptors)

Tests New Phones and Systems

Besides testing single line phones and fax machines, the ETA-3a is compatible with all types of electronic telephones systems and is the best way to safely test digital, hybrid and VOIP instruments.

Audio Amplifier

The ETA-3a uses an isolated high gain audio amplifier to check for even minute amounts of room or telephone audio on the wires being tested. This enables the user to tell if digital telephones have been modified and are sending room audio as data. The amplifier can be used on-line or off-line. In off line mode, it supplies the DC bias voltage required to energize electret microphones or other types of listening devices.

Multi-Tone Sweep

The ETA-3a uses a unique multiple tone generator to detect infinity transmitters. Selectable Uni-tone or Multi-tone thoroughly tests phone lines for these attacks.

High Voltage Testing

High Voltage tests are designed to detect eavesdropping attacks utilizing bypasses on telephones that have mechanical hook switches. Voltage is adjusted by panel controls and displayed on the LCD meter. High Voltage *cannot* be accidentally connected to sensitive electronic systems and instruments.

Simple Operation

All required accessories and cables are included. So is a detailed test and operations manual. The ETA-3a is powered by internal gel cell batteries. Its charger operates on 110/220 VAC, 50/60 Hz.

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