



**G027ED**

11 Types inc Blue & Grey Power Lock



**G027EE**

11 Types inc 8 Pole Speaker Cable Sockets

The Soundlab Auto Cable Tester is a versatile unit that allows the user to test almost any pre-made OR custom-made lead or cable used in a typical audio/visual setup. Please read the following instructions carefully before using the Cable Tester.

## SUPPORTED CONNECTORS

Leads fitted with any combination of the following connectors may be checked:

- Male or Female XLR
- Speakon (2 or 4 pole)
- Stereo or Mono 1/4" (6.3mm) Jack
- Stereo or Mono 1/8" (3.5mm) Mini Jack
- Phono RCA
- BNC
- MIDI (180 Degrees DIN)
- 8-Pole Speaker Socket (G027EE Only)
- Power Lock Connectors (G027ED Only)

## TESTABLE CONDITIONS

The Soundlab Cable Tester allows you to test for the following:

- Positive Continuity
- Cross Wiring
- Loose Contact
- Open Circuit
- Short Between Wires
- Short to Ground (Female XLR & MIDI)

## IMPORTANT SAFETY INFORMATION

- 1. Leads to be tested must be fully disconnected** from any other equipment or electrical source. Failure to do so could result in electrical shock and permanent damage to the unit.
- 2. Low Voltage Use Only:** These units are for low-voltage applications exclusively.
  - Under no circumstances should the alternative end of the lead be plugged into a power source.
  - Doing so may cause damage to the product and poses a serious risk of electric shock.

## TEST PROCEDURE

The Soundlab Cable Tester is simple to operate. Light Emitting Diodes (LEDs) provide a clear visual representation of the connections made.

- **Green LEDs (1-8):** Refer to the pins of connectors on the **INPUT** (left) side.
- **Red LEDs (1-8):** Refer to the pins of connectors on the **OUTPUT** (right) side.

### Testing Steps:

1. Plug one end of the lead to be tested into the corresponding connector on the **INPUT** side of the unit.
2. Plug the other end of the lead into the corresponding connector on the **OUTPUT** side.
3. Set the **Selector Switch** to **Manual Mode**, then press the left or right key to test connections.
4. At least one pair of LEDs should light at the same time, indicating continuity between INPUT and OUTPUT pins.
5. For **Automatic Mode**, the tester will scan the RED LEDs and match them with the corresponding GREEN LEDs.
  - **Both LEDs lit:** Connection is OK.
  - **Red LED lit, Green LED off:** Connection is broken.

## TEST RESULTS

- **Positive Continuity:** One LED on the INPUT row and another LED on the OUTPUT row will light.
- **Cross Wiring:** LEDs for the correct pins remain off while others light up.
- **False/Loose Contact:** LEDs flicker when the cable is moved.
- **Open Circuit:** Corresponding LEDs remain off.
- **Short Between Wires:** LEDs for the tested pin light, along with others (indicating shorted wires).
- **Short to Ground:** LEDs for the tested pin and the Ground LED (marked "G") light.
  - For multiple LEDs lit with the Ground LED, the affected pins have a short to ground.
  - This test applies only to Female XLR and MIDI connectors.

## BATTERY REPLACEMENT

To replace the batteries:

1. Unscrew the two finger screws on the bottom of the unit to remove the battery compartment cover.
2. Install 2 x AA alkaline batteries. Ensure correct polarity.
3. Replace the cover and tighten the screws securely.

### Manufacturer/Importer

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