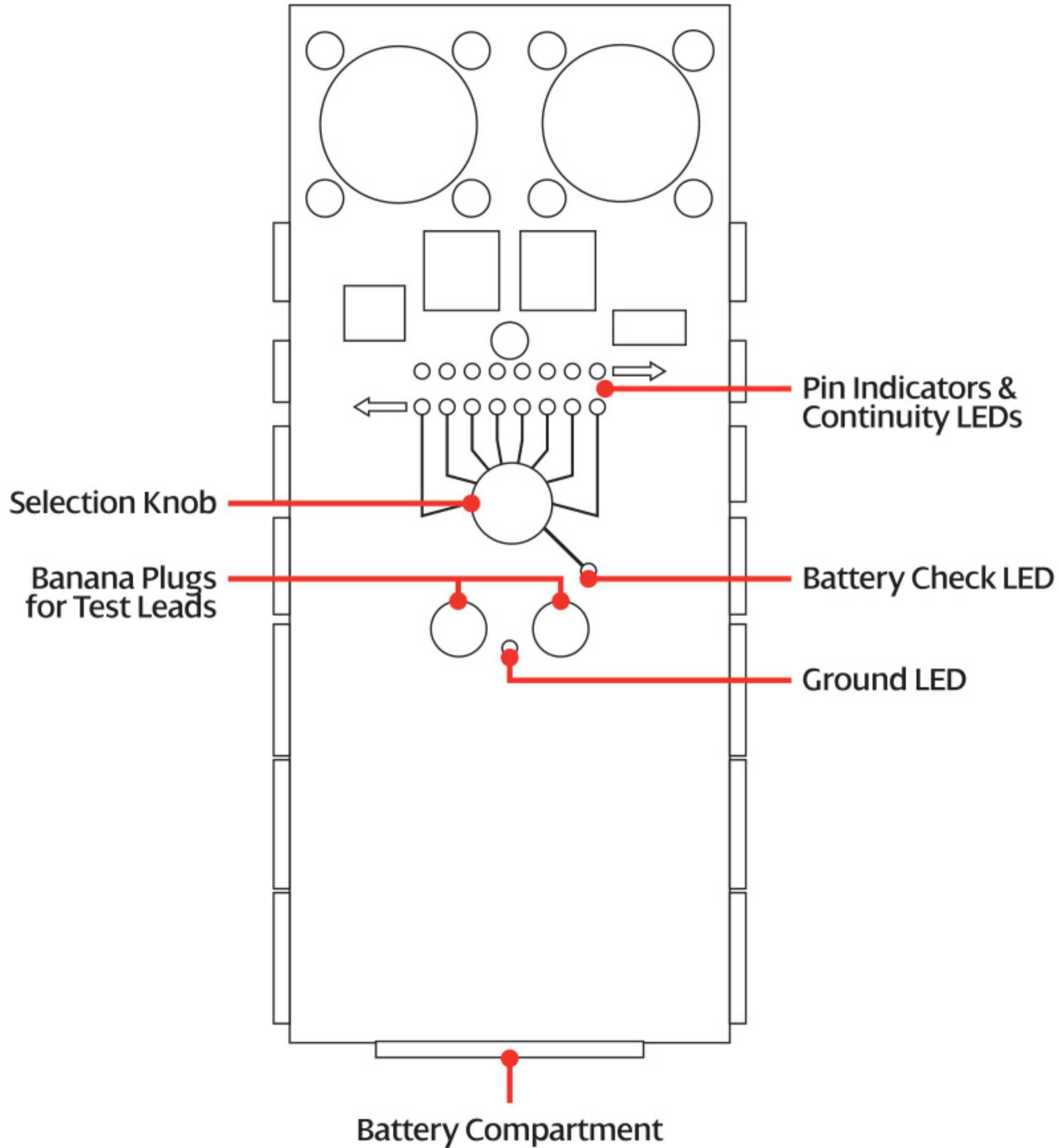


Hosa Technology

Cable Tester

CBT-500

Overview



Specifications

| | |
|-------------------------------|--|
| Dimensions (H x W x L) | 1.4" x 3.5" x 7.25" (3.5 x 8.9 x 18.4 cm) |
| Weight | 1.8 lb (0.8 kg) |
| Chassis | All-metal construction |
| Compatible Connectors | speakON 2-pole/4-pole/8-pole XLR Male to Female 3-pin/5-pin RCA (Phono) DIN 3-pin/5-pin/7-pin/8-pin 1/4" (Phone) TS/TRS USB Type A to Type B RJ45 (Ethernet) |
| Power | One 9-volt battery (included) |

Precautions

- Please read and follow these instructions
- Keep this manual in a safe place
- Keep this unit away from water and any flammable gases or liquids
- Remove the battery during long periods of non-use
- Do not attempt to disassemble or repair the equipment—doing so will void the warranty

Installing the Battery

1. Lift battery compartment cover. A click indicates the compartment is unlocked.
2. Slide battery compartment out of cable tester.
3. Place 9-volt battery as indicated by the diagram inside the compartment
4. Slide battery compartment back into cable tester. Push in and press down until it clicks and locks into place.

It is recommended that you run a battery check before testing cables to ensure the unit is in working condition.

1. Turn the selection knob clockwise until the dial reaches the “Battery Check” indicator
2. The LED will illuminate if the battery has sufficient power

Note: A dim LED indicates the battery is not at full power. We recommend you recharge or replace the battery to ensure optimal function

Operating the Cable Tester

General Directions:

1. Identify the two ends of your cable and find the corresponding jacks on the cable tester
2. Plug one end of your cable on the left side of the tester and the other on the right side
3. Turn selection knob to “1” indicator
4. Turn knob clockwise one click at a time to test each contact on the cable

Reading LED Indicators

- Illuminated yellow and green LEDs indicate continuity on that pin
- If corresponding LEDs fail to illuminate, a continuity problem is likely present
- If the red “GND” LED illuminates, the contact is making connection with the connector shell and shorting out

Use the tables on pages 5-6 to verify proper pin connections

Using Test Leads

1. Connect the banana plug side of each lead into the corresponding jacks
2. Apply the tip of each lead to the contacts you wish to test
3. Tester will beep if continuity exists

LED Configuration

| 1/4 in TRS | 1/4 in TS | Speaker | | XLR3 | RCA |
|-------------------|------------------|----------------|--------|-------------|------------|
| 1 = sleeve | 1 = sleeve | 1 = -1 | 5 = -3 | 1 = screen | 1 = screen |
| 2 = tip | 2 = tip | 2 = +1 | 6 = +3 | 2 = hot | 2 = hot |
| 3 = ring | 3 = sleeve | 3 = -2 | 7 = -4 | 3 = cold | |
| | | 4 = +2 | 8 = +4 | | |

Examples

| Guitar Cable | |
|---------------------|-------------------|
| Left Side | Right Side |
| 1/4" TS | 1/4" TS |
| Pin 1 | Pin 1, Pin 3 |
| Pin 2 | Pin 2 |
| Pin 3 | Pin 1, Pin 3 |

| Microphone Cable | |
|-------------------------|-------------------|
| Left Side | Right Side |
| XLR3 | XLR3 |
| Pin 1 | Pin 1 |
| Pin 2 | Pin 2 |
| Pin 3 | Pin 3 |

| 1/4" TRS Interconnect | |
|------------------------------|-------------------|
| Left Side | Right Side |
| 1/4" TRS | 1/4" TRS |
| Pin 1 | Pin 1 |
| Pin 2 | Pin 2 |
| Pin 3 | Pin 3 |

| 1/4" TS to TRS Interconnect TS tip to TRS tip/ring | |
|---|-------------------|
| Left Side | Right Side |
| 1/4" TS | 1/4" TRS |
| Pin 1 | Pin 1 |
| Pin 2 | Pin 2, Pin 3 |
| Pin 3 | Pin 1 |

| RCA to XLR3M Interconnect RCA screen to XLR screen/cold | |
|--|-------------------|
| Left Side | Right Side |
| XLR3 | RCA |
| Pin 1 | Pin 1 |
| Pin 2 | Pin 2 |
| Pin 3 | Pin 1 |

| XLR3F to RCA Interconnect RCA screen to XLR screen/cold | |
|--|-------------------|
| Left Side | Right Side |
| RCA | XLR3 |
| Pin 1 | Pin 1, Pin 3 |
| Pin 2 | Pin 2 |
| Pin 3 | N/A |

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