



All in One Multi-purpose Cable Tester and Cable Tracer

Multi-purpose Cable Tester

- 165 CB is an ideal tool which can test the correct pin configuration for different kinds of cables.
- **For testing :**
 - RJ45/RJ11
 - USB
 - COAX
 - BNC cable
 - Multi-wire cable
- **Auto-scan and manual-check function**
- **Buzzer sound warning for wire status**
- **2 LED module indicators on the master unit which can do both of transmitter and receiver functions for RJ45/RJ11 cable testing. Users don't need to use the receiving unit.**
- 165 CB provides a variety for checking cable continuity, open status, short status and miss-wired.
- Ground (shielded) wire test
- LED indication for wire status
- Power source : 9V battery



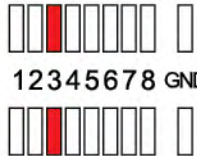
For testing pin configuration



Pin-out indication

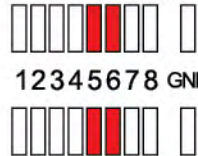
a. Continuity

Pin 3 is continued



c. Short-circuit

Pin 5 and 6 are shorted



b. Open

Pin 4 is opened



d. Miss-wired

Pin 1 and 7 are miss-wired

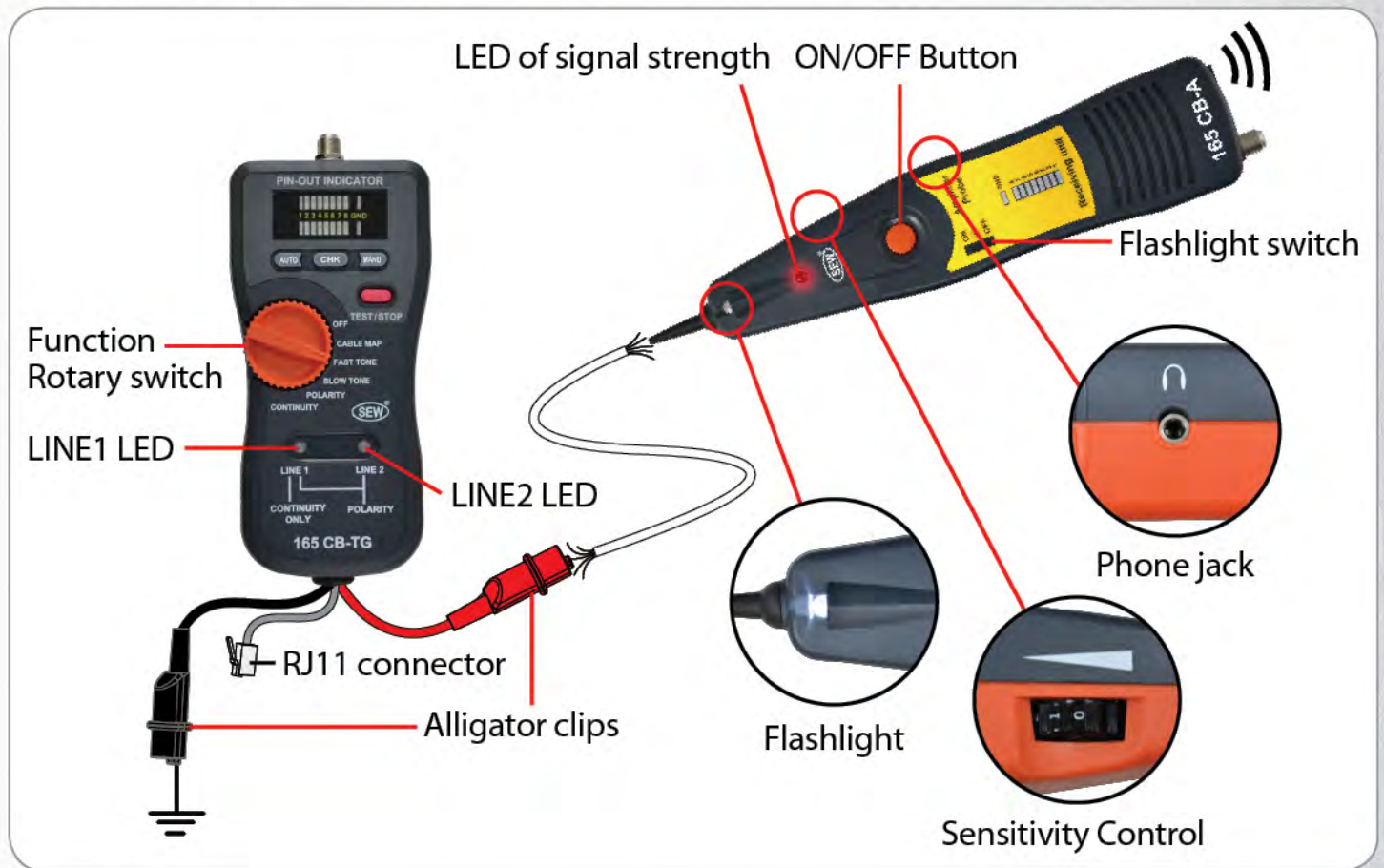


Cable Tracer

Amplifier Probe

- The Amplifier Probe is designed to identify and trace wires or cables within a group without damaging the insulation.
- **The flashlight function for easier cable tracing in the dark.**
- **An LED indication for the signal strength**
- **Volume control for increased sensitivity and adjustable to suit work environment.**
- **Recessed ON/OFF button prevents battery drain.**
- Works with any Tone Generator to identify wires.
- Power supply is in any 9V battery with a life of approximately 100 hours.
- A phone jack is designed for headset or handset.

For cable tracing



Cable Tracer

Tone Generator

- Tone Generator is a great tool for locating and identifying cable pairs or individual conductors.
- **Two bi-colored LEDs for Line1 and Line 2 indication of the polarities of the telephone lines.**
- **Identifying Tip and Ring of telephone lines**
- **Identifying telephone line condition : Clear line, Busy line and Ringing line.**
- 165 CB does not only serves as a tone generator, but it also serves as a continuity and polarity tester.
- Users can select a fast dual tone or a slow dual tone by the rotary switch.
- The unit has alligator type terminals, a modular cable of 4 conductors with a strong connector.
- The tone and continuity functions are only applied to Line 1. (modular connector)

- Identify Tip & Ring
- Identify Line condition: Clear Busy Ringing



SPECIFICATIONS



Mater unit & Tone Generator **165CB-TG**

Display	LED Modules Bi-colored LEDs
Waveform	Square wave
Frequency	1kHz±15%
Over Voltage Protection	80V DC
Single Tone	—
Alternating Tone	Fast and slow
Connection	RJ11 connector

Amplifier Probe & Receiving unit **165CB-A**

Frequency Detection	1Hz~12kHz
Receiver Distance	<50cm
Sensitivity Control	V
Flash light	V
LED for signal strength	V
LED module	V

General

Operating Temperature & Humidity	0°C~40°C, 80% Max
Storage Temperature & Humidity	-10°C~50°C, 80% Max
Power Source	165 CB-A : 9V battery 165 CB-TG : 9V battery
Dimensions	165 CB-A : 263(L) x 55(W) x 37.3(H)mm 165 CB-TG : 180(L) x 82(W) x 43.8(H)mm
Weight	165 CB-A : 210g 165 CB-TG : 280g
Safety Standard	EN 61326-1 EN 55011 EN 61000-4-2 EN 61000-4-3
Accessories	Instruction manual Batteries Carry case Self-test cable BNC testing cables (optional) Multi-wire testing cables (optional)