

Connect another port of the cable testing with the RJ45 jack on the receiver (or connect them with cable adapter). The status of good and NG of the cable circuit can be judged by the 4 indicator lights on the emitter or on the receiver of the cable status (as illustrated in the table 1, 2, 3, 4, 5, 6, 7, 8.).



**Comparison table between the cable standard and the indicator light status.**

Cable standard		Indicator light of status							
		1	2	3	4	5	6	7	8
Computer network cable	IEEE 10Base-T	●	●	●	○	○	●	○	○
	EIA/TIA 568A	●	●	●	●	●	●	●	●
	EIA/TIA 568B	●	●	●	●	●	●	●	●
	AT&T 258A	●	●	●	●	●	●	●	●
	TokenRing	○	○	●	●	●	●	○	○
Telephone cable	2 Pin	○	○	○	●	●	○	○	○
	4 Pin	○	○	●	●	●	●	○	○
Other metal connection cable		Decided by its detail situation							

## CIRCUITRY STATUS TESTING

The circuitry status testing functions of CABLE CHECKER can determine the basic natures of circuit testing. The testing task can be complete only via the emitter, rather than the receiver. Please insert one port of the crocodile clip adapter cable into the RJ11 socket of the emitter then let the testing circuit help tightly by the red-black cable clip located at the other end of the adapter.

## LOW VOLTAGE ALARM TESTING

Push the DIP switch on the emitter to SCAN position, in the case the battery level is lower than 6.0V, the STATUS and VERIFY indicators will light up at the same time, this indicates battery replacement is required.

## CAUTION

- Do not allow exposure to direct sunlight.
- Do not allow exposure to dusty environments.
- Keep away from high humidity and temperatures over 40 degree C.
- Ensure correct batter as specified, otherwise damage may occur.
- Dismantling of the device will void the warranty.
- It is recommended to remove the batteries when the device is not in use for extended periods.
- NOT to be used on high voltage circuits (such as 120V - 220V Supply cabling), otherwise damage will occur and could be a risk of electrocution.
- NOT to be used during an electrical storm.

## PRODUCT SPECIFICATION

Item	Specification	
Product name	Wire tracker	
Power supply	DC,9V battery	
The max working current	Emitter	≤20mA
	Receiver	≤150mA
Signal transmission format	Multi-frequency impulse	
Signal output electric status	8Vp-p	
Distance of signal transmission	≥3km	
Appearance dimension	Emitter	130X60X33MM
	Receiver	210X35X25MM
	Whole set	238X135X40MM
Weight	Emitter	0.1kg
	Receiver	0.11kg
	Whole set	0.04kg

## PACKAGE INCLUDES

1. Emitter	1 piece	6. Cable with crocodile clamp	1 piece
2. Receiver	1 piece	7. RJ45 network cable	1 piece
3. 9Vbattery	2 pieces	8. Instruction manual	1 piece
4. Earphone	1 piece	9. Zip-up pouch	1 piece
5. RJ11 telephone cable	1 piece	10. Color box	1 piece

## MULTI-PURPOSE LINES COMMUNICATION SCANNING & TESTING DEVICE

# INSTRUCTION MANUAL

## TRCER-CAB



## CABLE TRACER & NETWORK CABLE TESTER

## GENERAL DESCRIPTION

Cable Tracer and Network Cable Tester combines the functionality of a cable tracer and network cable tester in one convenient unit. The main unit can be connected to an unidentified pair which injects an audible signal down the line. The "tracer" unit may then be used at the other end of the cable run to identify the correct conductors. In addition, patch leads & field wiring may be plugged inline between the units to provide instant verification of continuity and correct wiring sequence. Probe includes an LED light for easy cable identification when in dark areas. Suits RJ45 and RJ11 leads. Requires 2 x 9V batteries. Features Headphone socket (earphones included) Adjustable buzzer volume tests network and phone circuit voltage LED light on probe single or dual tone Verifies short, open or crossed pairs in UTP cables confirms integrity of patch leads and field wiring Includes RJ45, RJ11 leads & croc clip test lead.

## PARTS DESCRIPTION

### Transmitter Unit



- (1) RJ-11 Jack
- (2) RJ-45 Jack
- (3) Wire Finding LED
- (4) Power LED
- (5) Power Check
- (6) Power
- (7) Battery Cover

### Receiver Unit



- (1) Signal Port
- (2) Power LED
- (3) PWR - VOL
- (4) Battery Cover
- (5) Situation Indicator
- (6) RJ-45 Jack
- (7) Loudspeaker
- (8) Headphone Port
- (9) Earphone

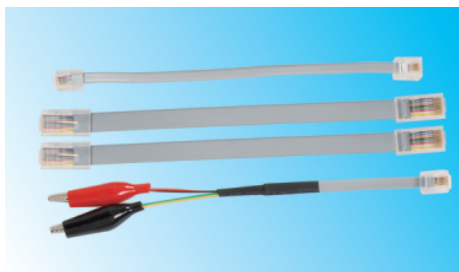
## PORT ADAPTORS

### Direct Connectivity

For direct connectivity of RJ-45 and RJ-11, both RJ-11 and RJ-45 ports can be utilized into both the transmitter. For direct connectivity of RJ-45, the RJ-45 ports can be utilized on both the transmitter and receiver.

### Connect Via Adapting Lines

A set of adapter line cables are included in the package for connectivity between this device and the users cabling circuit or LAN



### RJ-45 Cable Adapter

The RJ-45 jacks on the transmitter and receiver can be connected with the RJ-45 LAN 8 pin RJ-45 adapter cables.

### RJ-11 Cable Adapter

The RJ-11 or RJ-45 jacks on either the transmitter or receiver can be connected with the RJ-11 adapter cable of 2 pin, 4 pin, 6 pin etc.

### Crocodile Clip Adapter Cable

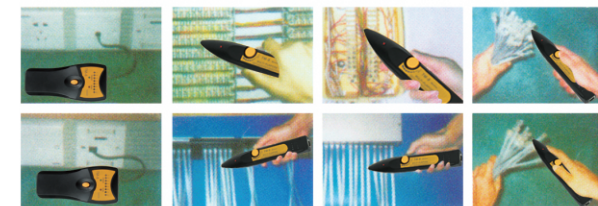
The RED and BLACK crocodile clip to RJ-11 adapter can be connected to either RJ-11 or RJ-45 ports of the transmitter

## CABLE TRACER FUNCTION

Plug the cable to be traced (such as a port extension line or the port of a network cable) into the RJ-45 or RJ-11 jack on the transmitter (or via the adapter cables included), and move the switch on the transmitter to the "SCAN" position. If working correctly the STATUS LED will flash.

Push test on the receiver and the power LED flashes, hover the receiver wand over the cable to detect a "toot" sound from the speaker on the receiver.

Then compare the volume of the "toot" sound, the cable that makes the highest "toot" sound is the cable to be identified.



## CABLE CONTINUITY FUNCTION

Tests UTP Modular network cables by manually or automatically detecting missing or disordered wiring, and open or short circuits. It can quickly read the correct pin configuration of 10Base-T cable, 10Base-2 cable, RJ45/RJ11 modular cables, 258A, TIA-568A/568B and Token Ring cable.

Plug the cable to be tested into the RJ-45 jack on the transmitter (or connect them via the cable adapters provided). Move the function switch on the transmitter to the "TEST" position. If working correctly the "VERIFY" LED's will flash.