

WIRE TRACKER

Your excellent helper in cable test!

INSTRUCTION MANUAL

Wire Tracker



Interfaces and functions

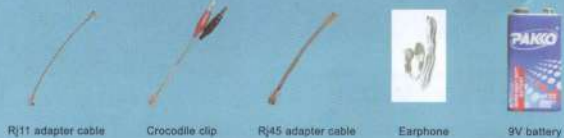
Find wire on all types of connected operating Ethernet switch/router/PC terminal!

Parts of emitter

Parts of receiver



Accessories



Telephone cable tracing function



1. Directly insert telephone wire with RJ11 plug into the RJ11 socket of emitter; (Note: Never put energized telephone cable into RJ45 port, in fear of burnout to the tester)
2. Push DIP switch of emitter to position of "SCAN" then wire finding indicator "STATUS" flashes, which means normal work of emitter;
3. Press the inching button, use the probe of receiver to find target wire at the other end;
4. During testing, function switchover button can be pressed for switchover of dual-tone.

Note: Live Wiring is not Supported

Case 1

Find a line on the wiring rack



Connect the transmitter to the port of the telephone line to be searched, and use the receiver to look for it at the other end.

Case 2

Find a line on the switch



Connect the transmitter to the port of the telephone line to be searched, and use the receiver to look for it at the other end.

Comparing the size of the "beep" sound and the brightness of the signal indicator lamp, the line that emits the loudest "beep" sound and the brightest indicator lamp is the target line to be searched.

Network cable tracing function

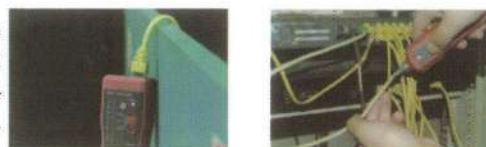


1. Directly insert network cable into the RJ45 port of emitter;
2. Push DIP switch of emitter to position of "SCAN" then wire finding indicator "STATUS" flashes, which means normal work of emitter;
3. Press the inching button, use the probe of receiver to find target wire at the other end;
4. During testing, function switchover button can be pressed for switchover of dual-tone.

Note: Live Wiring is not Supported

Case 1

find the line in the Internet bar



Connect the transmitter with the port of the ethernet cable to be found, and use the receiver to find the line at the other end

Case 2

Find a line on the switch



Connect the transmitter to the port of the network line to be searched, and use the receiver to look for it at the other end.

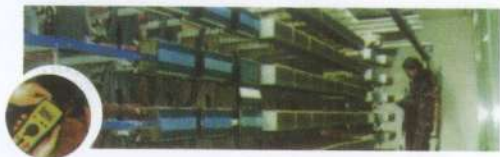
Comparing the size of the "beep" sound and the brightness of the signal indicator lamp, the line that emits the loudest "beep" sound and the brightest indicator lamp is the target line to be searched.

Electric wire tracing function



1. Directly insert RJ11 of crocodile clip into RJ11 port of emitter, connect telephone line with the clamp;
2. Push DIP switch of emitter to position of "SCAN" then wire finding indicator "STATUS" flashes, which means normal work of emitter;
3. Press the inching button, use the probe of receiver to find target wire at the other end;
4. During testing, function switchover button can be pressed for switchover of dual-tone.

Note: Live Wiring is not Supported



Comparing the size of the "beep" sound and the brightness of the signal indicator lamp, the line that emits the loudest "beep" sound and the brightest indicator lamp is the target line to be searched.

Network wire Collation function



1. Insert the two ends of the network wire into RJ45 port emitter and receiver.
2. Push function switchover button on emitter to the position of "TEST" testing indicator "VERIFY" flashes meaning normal work of emitter.
3. According to 18 indicators, judge the characteristics of short-circuit, breaking circuit, open circuit and crossing.
4. During testing, function switchover button can be pressed for switchover of fast and slow levels.

Note: This function should not be used on high-power lines.

Supporting direct alignment of line sequence in switching-on state.



Go out wiring, no longer need to bring a cable tester really easy!

It can replace the cable tester!

It can quickly test the open circuit/short circuit and crossover of the line through 18 sequential indicator lights. The test result is accurate and the display is clear and intuitive.



The twisted-pair 1/2/3/4/5/6/7/8/G line is tested one by one by using automatic scanning method, and it can distinguish which (pair) disorderly short circuit and open circuit.

Others function

Open circuit or short circuit testing function

Push DIP switch on emitter to position of "TEST", press function switch/button on emitter for 2 seconds, "VERIFY" indicator will change "flash" to "lighting" connect crocodile clamp with Rj11 port, clamp the two ends of cable with crocodile clamps, in case of short circuit, indicator "STATUS" of emitter will light up, otherwise it will not, Impedance can be indicated by brightness of status indicators: the lighter, the smaller the resistance is; the darker, the bigger.

DC Level Testing Function

Put the function selection switch of the transmitter to the position of "SCAN" and press the function switch/button of the transmitter for two seconds. At this time, the "STATUS" lamp will go out and the "VERIFY" lamp will flash. Insert the connector of the crocodile clamp into the RJ11 interface, and use the two clips of the crocodile clamp to clamp the two ends to be tested separately. The red clip holds the positive pole when the scanning light is red, and the red clip holds the negative pole if the light is green. The level can be determined by the brightness of the state indicator; the brighter the lamp, the higher the level; and the lower the level of the lamp.



Low voltage alarm function

Push DIP switch on emitter to position of "SCAN", if the battery level is lower than 6.0V, "STATUS" and "VERIFY" indicators will light up at the same time, it indicates to have new battery.



Earphone function

In noisy environment, earphone can be used to prevent interference from the outside.

Volume adjusting function

While tracing cable, volume can be adjusted for moderate level of sound.

Spotlight function

You can easily work as usual with backlight at night and in dark.



Energy-saving

Latching switch can automatically delay power-off. The continuous lifespan of battery is over 50 hours.



Applicable users

Telecom bureau/net bar/telecom engineering companies/network engineering companies/power supply/army and other departments requiring wire.

Applicable scope

Wire engineering of telecom, network and regular maintenance work; network line engineering of computer, other wire engineering and maintenance.

Specification of product

Item	Specification	
Product name	Wire tracker	
Power supply	DC, 9V battery	
The max working current	Emitter	≤10mA
	Receiver	≤30mA
Signal transmission format	Multi-frequency impulse	
Signal output electric status	8Vp-p	
Distance of signal transmission	≥2km	
Appearance dimension	Emitter	130 × 57 × 29,mm
	Receiver	204 × 42 × 30,mm
	Whole set	270 × 168 × 48,mm
Weight	Emitter	0.070kg
	Receiver	0.085kg *
	Whole set	0.443kg

The list of package

1. Emitter	1 piece	6. Cable with crocodile clamp	1 piece
2. Receiver	1 piece	7. RJ45 adaptor cable	1 piece
3. 9V battery	2 pieces	8. Instruction manual	1 piece
4. Earphone	1 piece	9. Toolkit	1 piece
5. Rj11 adaptor cable	1 piece	10. Color box	1 piece