

Introduction:

This Multi-functional Wire Tracker is widely used for telecommunication engineering, wiring engineering and network maintenance person. Every package comes with a USER MANUAL in 4 languages(English & German & French & Japanese). The following guidance is provided in case you need the Electronic version.

Note:

For Line Level or Positive and Negative Polarity Detection, it is normal that the TONE Indicator doesn't light on when you connect the emitter to the provided RJ11 cable adapter.

♥♥♥ The TONE Indicator will only light on when the emitter is connected to a battery or a working telephone line♥♥♥

Need any help?

Mail to: bonnie@timeownercorp.com

You will get a efficiently reply within 1 working day or less. Your rights will be protected.

Wire tracing:

1. Turn the emitter's function rotary knob to SCAN position.
2. Connect one end of the cable under test to the corresponding port of emitter (e.g. RJ45, RJ11) or to RJ11 port via the clamp adapter cable
3. SCAN indication light on, means emitter starts sending signal to the tested line
4. Power on the receiver, press SCAN button and use the probe to test the other end of the tested line. Compare the sound sent by the receiver, the line with the loudest sound when close to the probe will be the target.

Network Cable Collation:

1. Turn the emitter's function rotary knob to Network position.
2. Plug one side of the RJ45 wire into the RJ45 port of the emitter and the other side into that of the receiver.
3. Power on the receiver. Then press TEST button on the emitter to start. It means the emitter works normally if the "Network" indicator is on. The sequence line indicators will tell the result.
 - * Short connection: There will be 2 or more lights on simultaneously on the receiver. The quantity of lights indicates the quantity of short circuit.
 - * Open circuit: The corresponding sequence line indicator will not on.

Line Level or Positive and Negative Polarity Detection:

1. Turn the emitter's function rotary knob to TONE position.
2. Connect RJ11 crystal head of the clamp adapter cable to RJ11 port of emitter. Clamp the tested line with the clamp adapter cable.
3. If TONE indicator turns red, that means the red clip is connected to the positive and the black clip is connected to the negative. If turns green, the red clip is connected to the negative and the black clip is connected to the positive.
 - * The brighter the indicator, the higher the level. The dimmer the indicator, the lower the level.

Status of Working of Telephone Lines:

1. Turn the emitter's function rotary knob to TONE position.
2. Connect RJ11 crystal head of the clamp adapter cable to RJ11 port of emitter. Clamp the tested telephone line with the clamp adapter cable.
3. If TONE indicator turns red, that means the red clip is connected with TIP wire and the black clip is connected with RING wire. If TONE indicator turns green, that means the red clip is connected with RING wire and the black clip is connected with TIP wire.

*When the red clip connected with RING wire and the black clip connected with TIP wire,

- a. If TONE indicator turns green, the telephone line is idle.
- b. If TONE indicator doesn't light, the telephone line is off-hook.
- c. If TONE indicator is on and blinks regularly, the telephone line is ringing.

Continuity Checking:

1. Turn the emitter's function rotary knob to CONT position.
2. Connect RJ11 crystal head of the clamp adapter cable to RJ11 port of emitter. Clamp the 2 ends of the tested line with the clamp adapter cable.
3. CONT indicator on means the wire is continuous. The smaller the line impedance, the brighter the indicator.

