

FOX-100

Wire Tracker

FOX-100 series are intelligent multi-purpose metallic wire tracking devices that consist of a tone generator and a probe. The Tone Generator sends a distinct tone with voice frequency along the wire and the Probe can induct the tone. With the handy devices using induction theory, the user can easily and quickly find where a cable is laid, verify the cable and test the status of the circuit without causing damage to the installed cables. It is an ideal tool for cable installation, maintenance and troubleshooting. It is applicable to telephone cables, network cables and other metallic wires.

Key Features

- Great ergonomic design
- Handy and very light
- A reliable and economical tool
- Intuitive and simple operation, no training required
- Quickly find the pair cables among so many cables
- Quickly verify and test circuit status of LAN cable
- Built-in speaker and earphone for use in a noisy environment
- Built-in LED Spotlight allowing the user to work at night or dark place
- Self-protect - when the voltage is >100V, it will cut off automatically (FOX-111 only).
- Safely use Probe touching bare cable.

Tone Generator

- Transmit selectable voice tones between 900Hz single frequency and DTMF @ 600ohms impedance to the 2-wire circuit to achieve optimal performance.
- Signal Transmission can reach 3km or longer
- Support regular and fast tests
- The working current is less than 10mA
- Cable Status Testing
Identify 2-wire circuit status – Open or Short
Detect Ringing Signal
Detect DC voltage and indicate Anode and Cathode
- Cable Assignment Testing (with FOX-102 or FOX112 as a pair)
The 8 LEDs indicate status of LAN network cable and 4-wire telephone cable:
Open, Short or Cross
- Low battery alarm function

Probe

- Built-in speaker to listen to the tone generated from FOX-101 device
- Earphone allows the user to work in a noisy environment
- Built-in LED Spotlight allows the user working at night and dark spot
- The working current is less than 30mA
- The volume is adjustable
- Signal Transmission can reach 3km or longer
- Cable Assignment Testing (with FOX-101 as a pair)
The 8 LEDs indicate status of LAN network cable and 4-wire telephone cable:
Open, Short or Cross
- Energy saving – auto power off



Specifications

Models	FOX-101	FOX-102	FOX-111	FOX-112
LED Indicators	Yes	Yes	Yes	Yes
Self Protection	No	N/A	Yes	N/A
Test cable	Telco Clip	N/A	Durable Alligator Clip	N/A
Cable Assignment Testing	Open, short and cross of LAN cables, 4-wire (RJ45) Telephone cables and etc			
Cable Status Testing (2-wire)	<ul style="list-style-type: none"> Line DC detecting and anode, cathode determination Ringing signal detecting Open and short testing 	N/A	<ul style="list-style-type: none"> Line DC detecting and anode, cathode determination Ringing signal detecting Open and short testing 	N/A
Speaker	N/A	Yes	N/A	Yes
Volume adjusting Function	N/A	Yes	N/A	Yes
Earphone	N/A	Yes	N/A	Yes
Impedance	600ohms	N/A	600ohms	N/A
Signal transmission format	Multi-frequency impulse	N/A	Multi-frequency impulse	N/A
Voice Frequency Transmitted	900Hz and DTMF	N/A	900Hz and DTMF	N/A
Working current	<10mA	<30mA	<10mA	<30mA
Signal Output level	8Vp-p	N/A	8Vp-p	N/A
Distance of signal transmission	≥3km	N/A	≥3km	N/A
Spotlight	N/A	Yes	N/A	Yes
Power Supply	DV 9V terrace battery	DV 9V terrace battery	DV 9V terrace battery	DV 9V terrace battery
Battery life time	>50hrs continuous use	>50hrs continuous use	>50hrs continuous use	>50hrs continuous use
Low Battery Indication	Yes	Yes	Yes	Yes
Auto Power Shut Off	Yes	Yes	Yes	Yes
Operation Temperature	-10 to 50°C	-10 to 50°C	-10 to 50°C	-10 to 50°C
Dimension	126 x 49 x 34 (mm)	175 x 42 x 27 (mm)	126 x 49 x 34 (mm)	175 x 42 x 27 (mm)
Weight	60g (w/o battery)	72g (w/o battery)	60g (w/o battery)	72g (w/o battery)

Note: Specifications subject to change without notice

Related Products

- FOX-150 series (Phone line & service test sets)**
- FOX-250 (DMM+ADSL2+ tester)**
- FOX-450B (Advanced DMM+ADSL2+ tester)**
- FOX-450M series (ADSL2+ and IPTV package)**
- FOX-450V (Advanced DMM+VDSL2 tester)**
- FOX-600CQM (Cable Qualification – TDR)**



FOX-101/FOX-102



FOX-111/FOX-112

Ordering Information

- FOX-101/111 Tone Generator**
- FOX-102/112 Probe**

Package 1	Package 2	Q'ty
1 FOX-101	1 FOX-111	1
1 FOX-102	1 FOX-112	1
1 Earphone	1 Earphone	1
1 RJ11/RJ11	1 RJ11/RJ11	1
1 RJ45/RJ45	1 RJ45/RJ45	1
1 RJ11 to Telco Clip	1 RJ11 to Alligator Clip	1
1 9V Battery	1 9V Battery	2
1 Instruction Manual	1 Instruction Manual	1
1 Carrying Case	1 Carrying Case	1

