FAUOSWUK FAUOSWUKmgn94ge8pf

FAUOSWUK Advanced Circuit Tracer and Wire Tracker Instruction Manual

Model: FAUOSWUKmgn94ge8pf

Brand: FAUOSWUK

1. Introduction and Overview

The FAUOSWUK Advanced Circuit Tracer is a versatile tool designed for electrical professionals and DIY enthusiasts. It accurately locates buried, in-wall, and hidden wires, and detects short circuits or open circuits in various cable types. This device is ideal for identifying issues in underground power cables, telephone cables, low voltage cables, and even dog fences.
Key features include:

- Adjustable intensity for detection depth up to 6.6 feet and length up to 1640 feet.
- Non-invasive breakpoint detection without damaging cable insulation.
- Headphone jack for clear operation in noisy environments.
- Battery-powered transmitter and receiver with built-in 1100mAh batteries.

2. Package Contents

Upon opening your FAUOSWUK Advanced Circuit Tracer, please verify that all components are present:

- Transmitter Unit
- Receiver Unit with flexible probe
- Charging Cable
- Earphones

- Storage Bag
- User Manual

Figure 1: Included accessories for the FAUOSWUK Advanced Circuit Tracer, showing the transmitter, receiver, charging cable, earphones, storage bag, and manual.

Figure 2: The FAUOSWUK Advanced Circuit Tracer units, including the transmitter and receiver, neatly stored in their carrying case.

3. Setup

3.1 Component Identification

Figure 3: Detailed diagram of the product structure with numbered components for both Transmitter and Receiver for easy identification.

3.2 Battery Installation and Charging

Both the Transmitter and Receiver units are powered by built-in 1100mAh batteries. Ensure both units are fully charged before first use. Use the provided charging cable to connect the units to a suitable USB power source. For battery replacement, refer to the following video for a visual guide:

Video 1: Demonstrates the battery replacement process for the automotive electrical open & short finder circuit tester. This video is provided by Zzxker Direct (Seller).

3.3 Connecting the Transmitter

Connect the red and black alligator clips from the transmitter to the wire or circuit you wish to trace. Ensure a secure connection for accurate readings. For underground tracing, the red clip should connect to the neutral line, and the probe should be inserted into the ground near the suspected wire path.

4. Operating Instructions

4.1 General Operation

Turn on both the Transmitter and Receiver units. The Transmitter will send a signal through the connected wire. Use the Receiver to detect this signal and trace the wire's path or locate faults.

Figure 4: The digital signal underground wire tracker in operation, suitable for various wire tracing and break location tasks.

4.2 Wire Tracing (Underground/In-wall)

With the transmitter connected to the target wire, activate the receiver. Slowly move the receiver's flexible probe along the suspected path of the wire. The signal strength indicator on the receiver will guide you to the wire's location. Adjust the sensitivity on the receiver for optimal detection.

Video 2: Demonstrates the use of an underground cable locator (NF-826) for tracing wires. This video is provided by NOYAFA Factory Store (Seller).

Video 3: Shows the operation of an underground cable locator for tracing purposes. This video is provided by Hongsai (Seller).

Video 4: Illustrates the functionality of an underground wire locator. This video is provided by Plauere-us (Seller).

Video 5: Demonstrates the use of an underground wire locator cable tester. This video is provided by Plauere-us (Seller).

4.3 Short/Open Detection

To locate a breakpoint, connect the transmitter to the wire. Move the receiver along the wire. The signal will

decrease significantly or disappear past the breakpoint, indicating the fault location. This method is non-invasive and does not require damaging the cable's insulation.

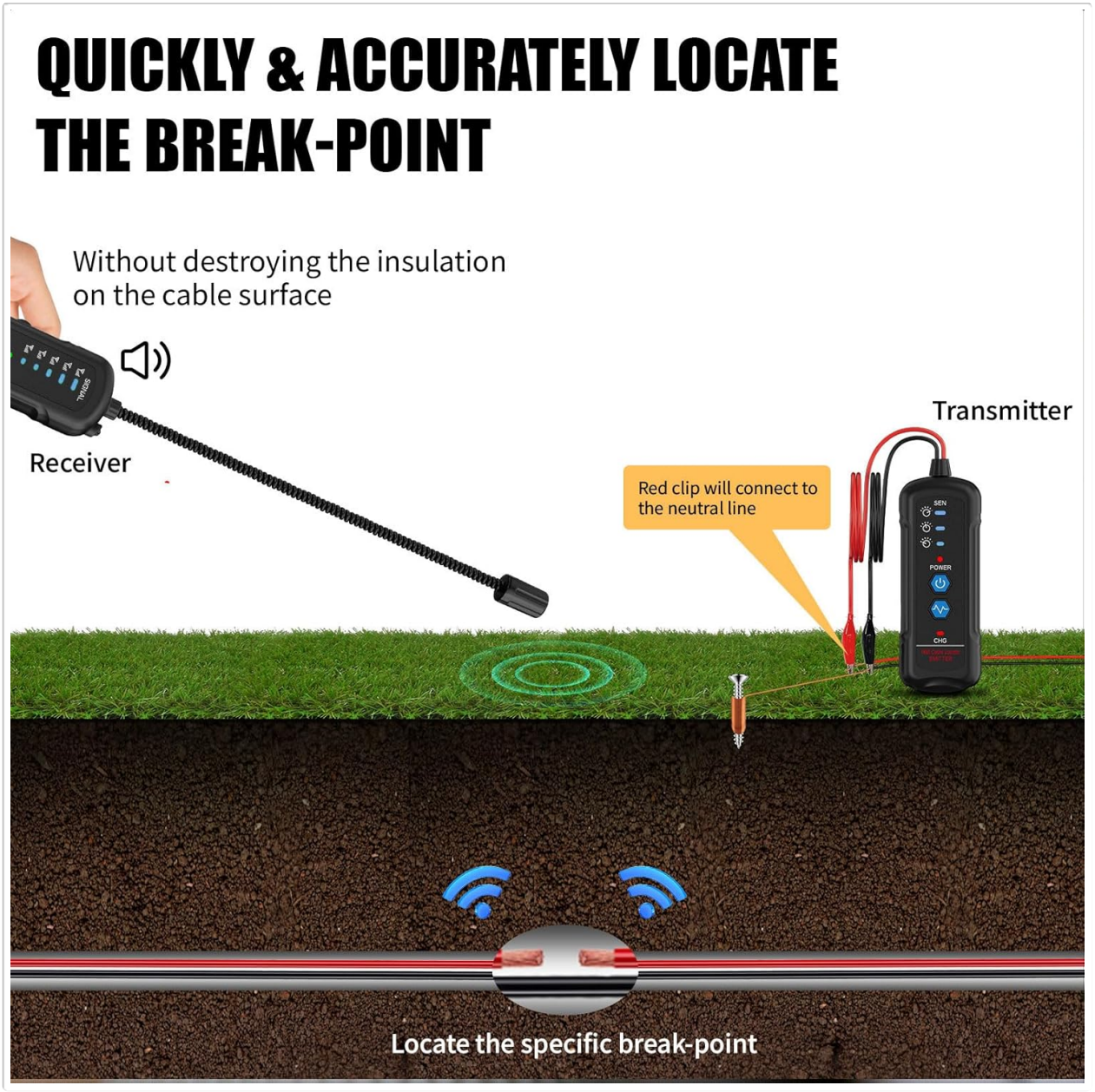

Figure 5: Illustration showing how to quickly and accurately locate a break-point in an underground cable using the tracer.

4.4 Adjustable Intensity and Headphone Use

The receiver features adjustable intensity (sensitivity) to fine-tune detection for different depths and environments. For noisy conditions, plug in the included earphones into the receiver's headphone jack for clearer audio feedback of the signal.

Video 6: Demonstrates the use of a tone generator kit, including volume and sensitivity adjustments. This video is provided by PROSTER CA (Seller).

4.5 Network Cable Tracing

While primarily designed for general electrical wiring, the device can also be used for network cable tracing. Connect the transmitter to one end of the network cable and use the receiver to identify the corresponding cable or locate faults.

Video 7: Shows a network tester cable tracer in action for LAN Ethernet, BNC, RJ45, and RJ11 cables. This video is provided by PROSTER CA (Seller).

5. Maintenance

5.1 Cleaning

Wipe the units with a soft, dry cloth. Do not use abrasive cleaners or solvents. Keep the probe tip clean for optimal performance.

5.2 Storage

Store the device and its accessories in the provided carrying bag in a cool, dry place away from direct sunlight and extreme temperatures. If storing for extended periods, ensure batteries are fully charged.

6. Troubleshooting

- **No Signal/Weak Signal:**
  - Ensure both Transmitter and Receiver are powered on.
  - Check battery levels and recharge if necessary.
  - Verify secure connection of alligator clips to the target wire.
  - Increase the receiver's sensitivity.
  - Ensure the wire is not excessively deep or shielded by heavy metallic objects.
- **Inaccurate Readings:**
  - Reduce receiver sensitivity to minimize interference from nearby wires.
  - Ensure the probe is held perpendicular to the wire for best results.
  - Avoid strong electromagnetic fields during operation.
- **No Power:**
  - Check if the power button is pressed firmly.
  - Recharge the internal batteries.

7. Specifications

Feature	Specification
Model Number	FAUOSWUKmgn94ge8pf
Brand	FAUOSWUK
Detection Depth	Up to 6.6 feet (2 meters)
Detection Length	Up to 1640 feet (500 meters)

Feature	Specification
Power Source	Built-in 1100mAh rechargeable battery (Transmitter & Receiver)
Color	Black
Item Weight	420 g
Parcel Dimensions	19 x 18 x 5 cm
Certifications	UL 61010-1, CE Marked

8. Warranty and Support

For warranty information and customer support, please refer to the documentation included in your product packaging or contact FAUOSWUK customer service directly. Keep your purchase receipt as proof of purchase.