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## Walfront 200EP

# Walfront 200EP Wire Tracker Kit Instruction Manual

Model: 200EP

## 1. PRODUCT OVERVIEW

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The Walfront 200EP Wire Tracker Kit is a versatile tool designed for efficient cable and wire maintenance. It enables users to trace wires, identify cables within common wiring systems, and diagnose issues in telephone, data, internet, audio, security, and communication cables. The kit features high sensitivity and accuracy, providing both audible and visual indicators for easy identification of tone signatures.



Image 1.1: The Walfront 200EP Wire Tracker Kit, including the toner (left) and probe (right) units, along with various connection cables.

## 2. SAFETY INFORMATION

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- **WARNING:** Do not test cables while they are powered on. Ensure all circuits are de-energized before testing to prevent electric shock or damage to the device.
- Always use the device in accordance with local electrical safety regulations.
- Keep the device away from water and moisture.
- Do not attempt to open or modify the device. Refer all servicing to qualified personnel.
- Store the device in a dry, cool place when not in use.

## 3. PACKAGE CONTENTS

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Please check the package for the following items:

- 1 x Cable Toner (Detector)
- 1 x Probe (Receiver)
- 1 x Test Head (Cable with various connectors)

- 1 x User Manual (This document)
- 1 x Storage Bag

**Note:** A 9V 6F22 battery is required for operation and is not included in the package.

## 4. SETUP

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### 4.1 Battery Installation

1. Locate the battery compartment on both the Cable Toner and the Probe units.
2. Open the battery compartment cover.
3. Insert one 9V 6F22 battery into each unit, ensuring correct polarity (+/-).
4. Close the battery compartment cover securely.

### 4.2 Connecting the Toner

- Connect the test head cable to the Cable Toner unit.
- Depending on the cable type you are testing, use the appropriate connector (e.g., RJ11 for telephone lines, RJ45 for network cables, or alligator clips for bare wires) to connect the toner to the cable you wish to trace.
- Ensure the cable is disconnected from any active equipment and is not live.

## 5. OPERATING INSTRUCTIONS

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### 5.1 Wire Tracing

1. Connect the Cable Toner to the target cable as described in Section 4.2.
2. Turn on the Cable Toner. It will generate a tone signal onto the cable.
3. Turn on the Probe (Receiver) unit.
4. Adjust the sensitivity of the Probe using its control dial for optimal detection.
5. Move the tip of the Probe along the path of the suspected cable. The Probe will emit an audible tone and/or illuminate an LED indicator when it detects the signal from the toner.
6. Follow the strongest signal to accurately trace the cable's path.



Image 5.1: The Walfront 200EP Probe (Receiver) unit, used for detecting the tone signal.

## 5.2 Short Circuit and Polarity Testing

- Some models of the 200EP toner may offer additional functions like short circuit detection or polarity testing. Refer to the markings on your specific toner unit for these features.
- Typically, these functions involve connecting the toner to the cable and observing LED indicators or tone changes on the toner itself to determine circuit status or polarity.

## 6. MAINTENANCE

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- **Cleaning:** Wipe the device with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Battery Replacement:** Replace batteries when the indicator light dims or the device performance degrades. Always use fresh 9V 6F22 batteries. Remove batteries if the device will not be used for an extended period to prevent leakage.
- **Storage:** Store the kit in its provided storage bag in a cool, dry place, away from direct sunlight and extreme temperatures.

## 7. TROUBLESHOOTING

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- **No Signal/Weak Signal:**

- Check if batteries are installed correctly and have sufficient charge.
- Ensure the Cable Toner is turned on and properly connected to the cable.
- Increase the sensitivity on the Probe unit.
- Verify the cable is not live or connected to other equipment that might interfere with the signal.

- **No Power:**

- Check battery installation and replace with new batteries.
- Ensure the power switch is in the 'ON' position.

- **Interference:**

- External electrical noise can affect tracing. Try to minimize sources of interference.
- Ensure the cable being traced is isolated from other active cables if possible.

## 8. SPECIFICATIONS

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Feature	Specification
Product Type	Wire Tracking Kit
Model	200EP
Brand	Walfront
Material	ABS
Power Source	Battery Powered (9V 6F22 x 1 per unit, not included)
Minimum Operating Voltage	9 Volts
Gain	30 dB
Input Resistance	100 MΩ
Probe Tip Resistance (Metal)	0 Ohm
Probe Tip Resistance (Plastic)	300 Ohm
Item Weight	294 grams

## 9. WARRANTY AND SUPPORT

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For warranty information and technical support, please refer to the documentation provided at the time of purchase or contact your retailer. Keep your purchase receipt as proof of purchase.