



LAN CABLE TESTING PROSKIT 4IN1 MT-7616

The **Proskit 4-in-1 MT-7616** is a versatile cable tester designed for testing LAN cables, telephone lines, coaxial cables, and other network wiring. It is a handy tool for network technicians, IT professionals, and anyone involved in network installation or troubleshooting. Below is an overview of its features and how to use it for LAN cable testing:

Key Features of Proskit MT-7616

1. **4-in-1 Functionality:**
 - LAN cable testing (RJ45/RJ11).
 - Telephone line testing.
 - Coaxial cable testing.
 - Cable length measurement.
 2. **Cable Testing:**
 - Tests for open circuits, short circuits, miswiring, and split pairs in LAN cables.
 - Supports both **straight-through** and **crossover** cables.
 3. **Length Measurement:**
 - Measures cable length up to **300 meters** (984 feet) with reasonable accuracy.
 4. **Portable and Easy to Use:**
 - Compact and lightweight design.
 - Simple interface with LED indicators for quick diagnostics.
 5. **Power Source:**
 - Powered by a **9V battery** (included).
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How to Use the Proskit MT-7616 for LAN Cable Testing



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1. **Prepare the Cable:**
 - Ensure the LAN cable (RJ45) is properly terminated with connectors on both ends.
2. **Connect the Cable:**
 - Plug one end of the LAN cable into the **RJ45 port** on the main unit.
 - Plug the other end into the **RJ45 port** on the remote unit.
3. **Power On:**
 - Turn on the main unit using the power switch.
4. **Select the Test Mode:**
 - Use the mode selector to choose **LAN cable testing**.
5. **Start Testing:**
 - Press the **TEST** button on the main unit.
 - The LED indicators on both the main and remote units will light up to show the status of each wire in the cable.
6. **Interpret the Results:**
 - **Normal Wiring:** LEDs will light up in sequence from 1 to 8.
 - **Open Circuit:** An LED will not light up, indicating a broken or disconnected wire.
 - **Short Circuit:** Multiple LEDs will light up simultaneously, indicating a short between wires.
 - **Miswiring:** LEDs will light up out of sequence, indicating incorrect wiring.
7. **Cable Length Measurement:**
 - Switch to the **length measurement mode**.
 - The display will show the approximate length of the cable.

Tips for Accurate Testing

- Ensure the cable connectors are clean and undamaged.

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- Use the remote unit for testing long cables.
 - Replace the 9V battery if the unit does not power on or the display is dim.
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Applications

- Network installation and maintenance.
- Troubleshooting faulty LAN cables.
- Verifying cable length for network planning.

