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YGiTK WT329

YGiTK Network Cable Tester with POE Function WT329 Instruction Manual

Model: WT329 | Brand: YGiTK

1. Introduction

The YGiTK Network Cable Tester with POE Function (Model WT329) is a versatile tool designed for comprehensive network cable diagnostics. It features capabilities for wire cable tracking, POE testing, voltage measurement, and network cable continuity checks. Equipped with an LCD screen and LED flashlight, it facilitates efficient work in various environments.

2. Product Features

- **Wire Cable Tracking:** Locates network or POE cables among many others, suitable for RJ45 and RJ11 terminals. Sensitivity is adjustable.
- **Three Wire Tracking Modes:** Offers POE Mode, Digital Mode, and Analog Mode for flexible cable scanning.
- **POE Testing Function:** Tests standard and non-standard POE devices, including POE voltage, power supply polarity, and power supply mode.
- **Voltage Test Function:** Measures battery voltage and voltage polarity. Can also measure POE power lines and voltages up to 60V.
- **LCD Screen & Sound Adjustable:** Features an LCD screen and LED flashlight for dark environments. Sound level is adjustable.

3. Package Contents

The YGiTK Network Cable Tester (Model WT329) package includes the following items:

- 1x Cable Tester (Main Unit)
- 1x Cable Receiver (Probe)
- Cable Lines (various types for testing)
- 1x Alligator Clip Cable
- 4x Batteries (3 AAA batteries for main unit, 1 9V battery for receiver)
- 1x Wire Stripper
- 1x User Manual
- 1x Storage Bag



Image: Contents of the YGiTK Network Cable Tester WT329 package, including the main tester, receiver, various cables, alligator clip, batteries, wire stripper, user manual, and storage bag.

4. Product Overview and Components

Familiarize yourself with the main components and interfaces of the YGiTK Network Cable Tester WT329.



Image: Detailed view of the YGiTK Network Cable Tester WT329, showing the main unit (left) with LCD display, power switch, mode buttons, RJ45/RJ11 jacks, and the receiver (right) with tracing sensor, flashlight, sound/sensitivity adjusting wheel, and mode button.

- **Main Unit:** Features an LCD display for test results, mode selection buttons (TEST, SCAN, V, POE, CONT), RJ45 and RJ11 jacks.
- **Receiver:** Equipped with a tracing sensor, LED flashlight, sound/sensitivity adjustment wheel, and mode button for scanning.
- **Dual Socket Design:** The main unit includes both RJ45 and RJ11 ports for testing network and telephone cables.
- **Battery Compartments:** The main unit uses 3 AAA batteries, and the receiver uses a 9V battery.



Image: Close-up view of the YGiTK Network Cable Tester WT329 showing the dual RJ45/RJ11 socket design, the battery compartment for 3 AAA batteries in the main unit, the tracker socket, the tracker signal sensor head, and the 9V battery compartment in the receiver.

5. Setup

1. **Battery Installation:**
    - Open the battery compartment on the back of the main tester unit and insert 3 AAA batteries, ensuring correct polarity.
    - Open the battery compartment on the receiver (probe) and insert 1 9V battery, ensuring correct polarity.
2. **Power On:** Slide the Power Switch on the main unit to the "ON" position. The LCD screen should light up.

6. Operating Instructions

6.1. Wire Cable Tracking (Line Finder)

This function helps locate a specific cable among a bundle of cables.

1. Connect one end of the network (RJ45) or telephone (RJ11) cable to the corresponding port on the main tester unit. For bare wires, use the alligator clip cable.
2. Select the desired tracking mode (POE, Digital, or Analog) on the main unit.
3. Turn on the receiver (probe) and adjust the sound/sensitivity wheel to a suitable level.
4. Move the receiver's tracing sensor along the bundle of cables. The receiver will emit an audible tone, which will be loudest when it detects the target cable.



Image: Demonstration of the YGiTK Network Cable Tester WT329 in a practical application, showing the receiver being used to trace a cable within a bundle and the main unit displaying test results in a network cabinet.

Video Demonstration: Proster Wire Tracker RJ11 RJ45 Cable Tester (Demonstrates similar cable tracking functionality)

▶ **Watch video online**

Proster Wire Tracker RJ11 RJ45 Cable Tester

Video: A demonstration of a Proster wire tracker, showcasing the process of connecting the emitter to a network cable and using the receiver to trace the cable through a bundle, identifying the correct cable by sound and indicator lights. This illustrates the cable tracking function similar to the YGiTK WT329.

6.2. POE Testing Function

The tester can identify standard and non-standard POE devices, measure POE voltage, power supply polarity, and power supply mode.

1. Connect the network cable from the POE device to the RJ45 port on the main tester unit.
2. Press the "POE" button on the main unit to enter POE test mode.
3. The LCD will display information regarding POE voltage, polarity, and power supply mode.



Image: Visual representation of POE testing, voltage testing, and voltage protection features of the YGiTK Network Cable Tester WT329. It shows the device connected to a network cable for POE testing, alligator clips for voltage testing, and an illustration of 60V voltage protection.

Video Demonstration: Proster Network Cable Tracker - PoE Cable Tester (Demonstrates similar POE testing functionality)

▶ **Watch video online**
Proster Network Cable Tracker - PoE Cable Tester

Video: A demonstration of a Proster Network Cable Tracker performing POE testing, showing the device connected to a network cable and displaying POE status and voltage. This illustrates the POE testing function similar to the YGiTK WT329.

6.3. Voltage Test Function

This function allows you to measure battery voltage and voltage polarity, and can also be used to measure voltage in POE lines (less than 60V).

1. Press the "V" button on the main unit to access the voltage test function.
2. Connect the alligator clip cable to the desired voltage source (e.g., battery terminals) or POE line.
3. The LCD will display the measured voltage and polarity.



Image: Four panels demonstrating various testing capabilities of the YGiTK Network Cable Tester WT329: POE Testing, Network Testing, Anti AC-interference Scanning, and Measuring Voltage and Positive and Negative Polarities using alligator clips.

6.4. Network Cable Testing (Continuity)

This mode checks the continuity and wiring sequence of network cables (RJ45) and telephone cables (RJ11).

1. Connect one end of the cable to the RJ45 or RJ11 port on the main tester unit.
2. Connect the other end of the cable to the corresponding port on the receiver unit.
3. Press the "TEST" or "CONT" button on the main unit.
4. The LCD will display the wiring sequence, indicating any open circuits, shorts, or miswires.

Video Demonstration: VCELINK Network Cable Tester for RJ45 RJ11 (Demonstrates similar network cable testing functionality)

▶ **Watch video online**
VCELINK Network Cable Tester for RJ45 RJ11

Video: A demonstration of a VCELINK network cable tester performing RJ45 and RJ11 cable tests, showing the lights indicating correct wiring or identifying faults. This illustrates the network cable testing function similar to the YGiTK WT329.

Video Demonstration: NOYAFA NF-810 multifunctional network detector (Demonstrates similar network cable testing functionality)

▶ **Watch video online**
NOYAFA NF-810 multifunctional network detector

Video: A demonstration of a NOYAFA NF-810 network detector performing RJ11 phone line tests and RJ45 cable tests, showing the indicator lights for continuity and wiring sequence. This illustrates the network cable testing function similar to the YGiTK WT329.

6.5. LCD Screen and LED Flashlight

- The LCD screen provides clear visual feedback for all test results.
- The receiver unit includes an LED flashlight, activated by a dedicated switch, to illuminate dark work areas.
- The sound adjustment knob on the receiver allows you to control the volume of the tracing tone.



Image: The YGiTK Network Cable Tester WT329 main unit and receiver in use, highlighting the LED flashlight on the receiver illuminating a dark network cabinet, demonstrating its utility in low-light conditions.

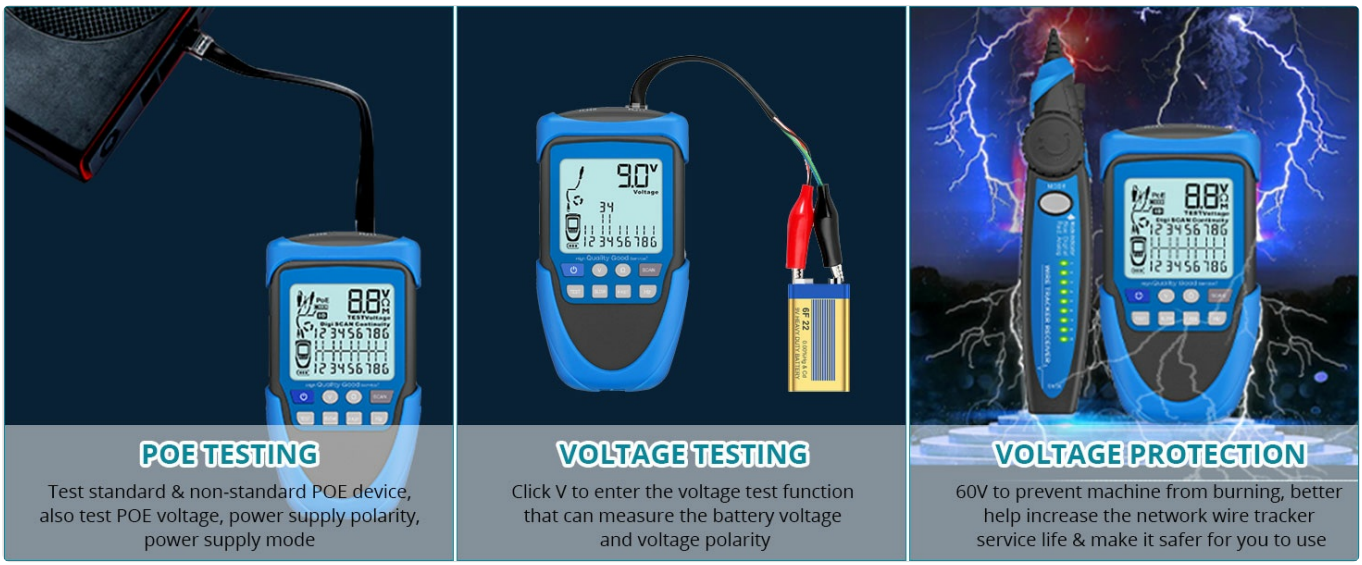


Image: Three panels illustrating features of the YGiTK Network Cable Tester WT329: LED flashlight for dark environments, adjustable volume knob on the receiver, and a hub blink function for locating network ports by flashing the port light on a switch/hub/router.

6.6. Hub Blink Mode

This feature helps locate a specific port on a network switch, hub, or router by causing its indicator light to blink.

1. Connect the network cable to the RJ45 port on the main tester unit.
2. Connect the other end of the cable to a port on the network device.
3. Activate the Hub Blink mode on the tester (refer to the specific button or menu option in the manual).
4. The corresponding port light on the network device will blink, allowing for easy identification.

Video Demonstration: Network Tester Cable Tracer for LAN Ethernet BNC RJ45 RJ11 (Demonstrates similar hub blink functionality)

▶ **Watch video online**
Network Tester Cable Tracer for LAN Ethernet BNC RJ45 RJ11

Video: A demonstration of a network tester's hub blink function, showing how it can cause a specific port light on a network switch to flash for easy identification. This illustrates the hub blink function similar to the YGiTK WT329.

7. Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the device. Do not use abrasive cleaners or solvents.
- **Battery Replacement:** Replace batteries when the low battery indicator appears on the LCD screen. Ensure correct battery type and polarity.
- **Storage:** Store the device in its provided storage bag in a cool, dry place when not in use.
- **Avoid Damage:** Do not expose the device to extreme temperatures, moisture, or direct sunlight. Avoid dropping or subjecting it to strong impacts.

8. Troubleshooting

Problem	Possible Cause	Solution
No power/Screen blank	Low or dead batteries; incorrect battery installation.	Replace batteries with new ones, ensuring correct polarity.

Problem	Possible Cause	Solution
No tone during cable tracking	Receiver sensitivity too low; incorrect mode selected; cable not connected properly.	Increase receiver sensitivity; ensure correct tracking mode; check cable connections.
Inaccurate cable test results	Damaged cable; faulty connector; interference.	Inspect cable and connectors for damage; re-crimp connectors if necessary; test in a different location to rule out interference.
POE test shows no power	POE device not active; cable fault; non-POE port.	Verify POE functionality of the source device; check cable for continuity; ensure connection to a POE-enabled port.

9. Specifications

- **Model Number:** WT329
- **Power Source:** Battery Powered (3 AAA batteries for main unit, 1 9V battery for receiver)
- **Supported Cable Types:** RJ45 (Network), RJ11 (Telephone)
- **POE Voltage Measurement:** Up to 60V
- **Weight:** 130 Grams
- **Dimensions:** 21.69 x 14.71 x 5.11 cm
- **Certifications:** UL, IEC, CE, RoHS
- **Included Components:** Network cable, alligator clip cable, wire stripper, user manual, storage bag.

10. Warranty and Support

The YGiTK Network Cable Tester (Model WT329) comes with an **18-month warranty** from the date of purchase.
For technical support, troubleshooting assistance, or warranty claims, please contact YGiTK customer service through your original purchase platform or visit the official YGiTK store for contact information.
Please retain your proof of purchase for warranty validation.

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