

**Model** : ATZ NET-CBT01

**Description:** Network Cable Tester (Cat.5E/6/7/8)



This Network Cable Tester is a powerful tool for CAT5E/6/7/8 & Telephone Cables and Measures Length~Distance & finds Fault Location Tests Continuity & Maps Wiring Pattern Uses TDR (Time Domain Reflectometer).

It is the best choice to verify any speech and data cable installation procedure. This tester is capable of testing cable connection sequence, length, user jumper and cable connection continuity, and determine any open circuit, short circuit, jumper or cross-talk interference. It is useful in reducing and saving cable installation time.

## Features:

- One person enough to complete cable continuity check.
- Check wiring error in Cat.5E/6/7/8, and telephone line such as open circuit, short circuit, jumper wire, reverse connection or cross-talk interference.
- Locate the wiring or connection error.
- Measure cable length and determine the distance of open circuit and short circuit.
- Dynamically calibrate cable length and make length measurement as accurate as 97%.
- Simple and easy use. Big screen to display test result clear.

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- Portable unit with long battery life (50 hours of standby time).
- Automatically time-delay shut off.
- Measure length and pair with or without far-end recognizer.
- Far-end recognizer with prompting voice.
- Self-checking function and automatically compensate any change in battery capacity or ambient temperature.
- Single board computer software watchdog design and reliable operation.

## Specifications:

### Overall Dimensions:

180 x 80 x 40 mm.

### Power Supply:

4x 1.5V Size AA batteries with power consumption 16 mA

### Display:

Special 4 x 16 character big screen LCD lattice (valid visual field 61.6 x 25.2 mm).

### Type of Test Cable:

STP/UTP twin twisted cable, coaxial cable, telephone line.

### Working Ambient Temperature:

-10°C----+60°C.

### Tester Port:

Tester RJ45 master port (M), tester LOOPBACK RJ45 port (L), far-end recognizer RJ45 port (R). The extra BNC and RJ11 converters are used to measure and check the continuity of coaxial cable and telephone line.

### Length Measurement of Twin Twisted Cable:

Scope: 1 350 M (3 1,200 ft)

Calibration accuracy: 3% (+/- 0.5M or +/- 1.5 ft) (calibrating cable > 5 M)

Shipment accuracy: 5% (+/- 0.5 M or +/- 1.5 ft). (AMP, AT&T Class 5 cable)

Display: M or ft.

### Length Calibration:

User can set calibration factor by himself with a given length cable. The length of calibrating cable is more than 5 M.

### Wire Sequence and Locating Cable Error:

Check errors such as open circuit, short circuit, reverse connection, cross-over or cross-talk interference.

### Locating Cable:

8 far-end passive test jacks (ID 1 ≥ ID 8).

### Automatic Time-delay Shut Off Time:

The tester does not operate for 30 minutes.

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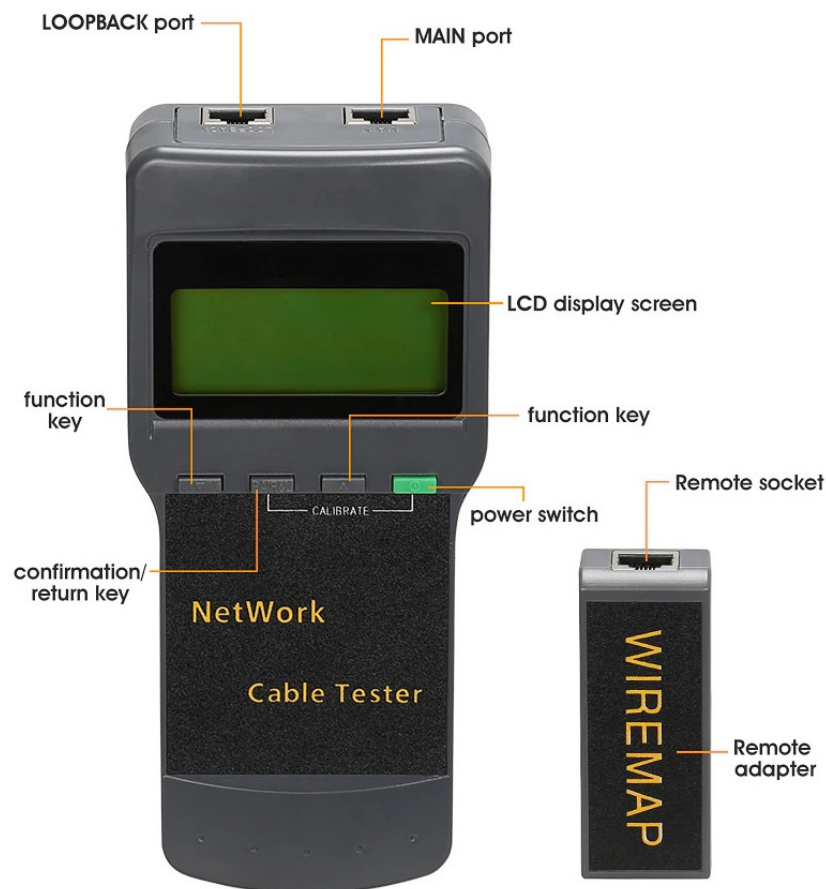
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## Interface and Key Description:

### Power Supply

The tester uses 4 x 1.5V Size AA alkaline batteries with power consumption 16 mA. The batteries should be taken out if the tester does not use for a long time to prevent the battery rack from leaking electrolyte corrosion.

### Tester Panel and Port



### Package Includes:

1x Network Cable tester

### Warranty: 3 months

Warranty is effective from the date of original delivery.

This warranty shall be void if a serial number has been removed from the product.