

MULTIFUNCTIONAL NETWORK TESTER

FOR PRECISE INSTALLATION, TESTING, AND TROUBLESHOOTING

JOY-IT

SPECIAL FEATURES

- ✓ Multifunctional Network Cable Testing
- ✓ Precise cable detection with anti-interference mode
- ✓ Cable length measurement up to over 100 m
- ✓ Port Flashing Feature & Network Speed Test
- ✓ Comprehensive PoE Test
- ✓ NCV Detection



The JT-NCT01 is a smart, multifunctional network tester designed for professional installation, maintenance, and troubleshooting work on network and telephone lines. With its easy-to-read 2.4-inch color display, it clearly shows measurement results and helps technicians quickly test cable connections, accurately identify faults, and efficiently commission network infrastructures.

For cable testing, the JT-NCT01 offers a wide range of functions, including continuity testing, pair testing, wire sequence and fault testing, as well as RJ45 crimp testing for 8-wire network cables. In addition, the integrated cable length measurement allows for a quick assessment of cable lengths up to over 100 m, thereby facilitating both the installation of new connections and the diagnosis of existing cable runs.

When it comes to cable location, the JT-NCT01 excels with both standard and low-interference detection modes, as well as adjustable sensitivity. This allows for reliable tracking of network and telephone cables even in challenging environments. The port blinking function also supports the quick identification of network ports, while the speed test checks connections at 10 / 100 / 1000 Mbit/s as well as duplex mode.

The feature set is rounded out by a comprehensive PoE test for detecting standard and non-standard PoE, power mode, power level, and 8-pin power supply, as well as safety and convenience features such as NCV detection and low-voltage warning. All of this makes the JT-NCT01 a reliable tool for efficient network installation, maintenance, and troubleshooting.

KEY FEATURES

Features	Network Cable Continuity Test Pairwise testing, Wire sequence & error checking, Error message, Cable detection, Low-interference cable location, Port blinking feature for port identification, Full-duplex / half-duplex detection, Speed test at 10 / 100 / 1000 Mbps Cable length measurement with graduated accuracy PoE test (including detection of power supply mode and power level), Comparison of the wiring sequence, NCV detection for non-contact voltage testing, Playback of audio signals through headphones Flashlight function
Interface	RJ45
Network cable-Speed Test	10 / 100 / 1000 Mbps
Duplex testing	Full-duplex / Half-duplex
Cable length measurement accuracy	< 20 m: ± 1.6 m > 20 m: ± 2.4 m > 100 m: ± 3.2 m
Cable length measurement	Up to 200 m
Crimp test	RJ45, 8-wire
PoE detection	PoE standard, power level indicator, protocol
PoE Power Supply Test	Detection of the power supply via data wires, unused wire pairs, or all 8 wires
Maximum input voltage	60 V DC
Display	2.4-inch TFT color display
Power supply	USB-C, 5 V / 1 A
Battery	Transmitter: 3000 mAh Li-ion, Receiver: 1500 mAh Li-ion
Device languages	English, German

FURTHER INFORMATION

Dimensions	152 x 68 x 31 mm
Weight	399 g
Art.-No.	JT-NCT01
Items shipped	JT-NCT01, user manual, USB-C charging cable, alligator clip test leads, RJ45 to RJ11 adapter cable, RJ45 network cable, headphones, carrying case
EAN	4250236831145
Customs tariff no.	90304000