Ethernet LAN testing

The **KE7100 LANcheck** is an easy to use, handy and cost-efficient LAN Tester. It is ideal for measurements in networks where documentation is not required or necessary.

■ KE7100

At a glance

- Wire-mapping & precise fault location
- Integrated cable database starting from 1 pair telephone
- Measures cable lengths up to 200 m (TDR)
- Power over Ethernet test according to IEEE802.3af/at standard
- HUB-Blink and trace tone signal
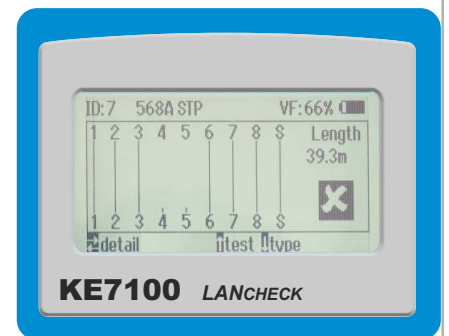- Master and Remote over voltage protected up to 100 V

The **KE7100 LANcheck** is an easy to use, handy and cost-efficient LAN Tester. The little brother of the KE7200 Ethernet Performance Tester is ideal for measurements in networks where documentation is not required or necessary.

The KE7100 tests the wires and wire pairs of the cable for continuity, open, short, inter-change and overdraft (Split Pair) and simultaneously determines cable length and distance to the fault in short circuit and interruption testing.
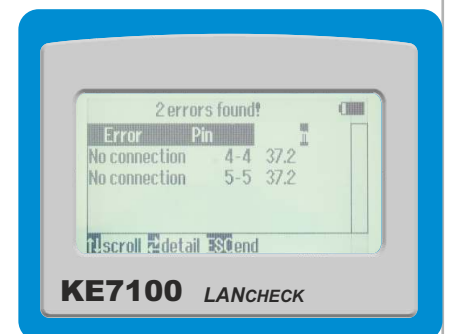
With the internal user-configurable cable database, unknown cable and wiring schemes belong to the past. Up to 32 individual remote units can be managed from the KE7100 simultaneously.

The device checks connections on the availability of Power over Ethernet (PoE and PoE+) and determines the available power.

Identifying data ports with the port finder function activates the link-LED on the switch and the integrated trace tone signal allows using the optional PROBE310 for cable tracing. The KE710x sets are the perfect help for installations and troubleshooting in telephone and data networks.

Clear display of wiring errors

Exact listing of errors with distance

Specifications

KE7100

Wire Test Copper	■ Check of wires connected to PIN and Pair ■ Detects split pair from 6 ft (2 m) on ■ 16 dedicated wiring schemes predefined, user settable via device ■ 16 cable types with predefined VP values, user settable via device ■ Graphical display shows wire map with clear indication good/bad ■ Measures all wires separately and shows length to fault short/open
Power over Ethernet Test	■ Activation of PoE/PoE+ port ■ Measuring of voltage and current. Shows available power in watts
Cable Trace	■ Hub-Link Blink Function ■ Trace tones to be detected by capacitive Probe (optional) ■ 4 tones selectable
Over voltage protection	Up to 100 Volt
Housing	Solid and weather protected ABS with drop protection
Battery	4 x 1.5 V Alkaline (AA) > 40 hrs operating time
Dimensions	195 x 100/78 x 45 mm
Weight	380 g without battery
Menu Language	🇩🇪 🇬🇧
Environment	Working temperature 0° – +50°C Storage temperature -25° – +75°C Humidity 90% not-condensing

KE7010 Remote Unit

Features	■ ID programmable 01 - 32 ■ LED indicates good / bad
Housing	Solid and weather protected ABS
Dimensions	61 x 41 x 26 mm
Weight	30 g

**The ideal sets for the daily work in all types of networks without need for documentation.
Saves time and money during installation and troubleshooting.**

KE7108

KE7108 comes with the active Network Tester **KE7100 LANcheck** and the Cable Finder Kit **KE801 Fiber & Copper** in a durable case including test cables and batteries. Allows additionally the use with fiber by the built-in fiber optic fault locator with laser.

KE7107

KE7107 comes with the active Network Tester **KE7100 LANcheck** and the Cable Finder Kit **KE701 Telco** in a durable case including test cables and batteries. The KE701 allows the user to precisely locate wire pairs or cables inside walls or unmarked bundles.

	Typ	Artikelbezeichnung
0.49410	**KE7100**	LAN/Network Tester with 1 Remote Unit KE7010, test cables and pouch
0.49451-8	**KE7108**	LAN/Network Tester and Cable Finder Kit in hard plastic case: KE7100, 1 Remote Unit KE7010, KE801 Fiber & Copper, test cables and batteries
0.49451-7	**KE7107**	LAN/Network Tester and Cable Finder Kit in hard plastic case: KE7100, 1 Remote Unit KE7010, KE701 Telco, test cables and batteries

Made in Germany