

Network Tester Kits

Professional Test Set for Network Installation & Troubleshooting



**KURTH
ELECTRONIC**

KE7107 - KE7208

Professional sets for installation and troubleshooting with the ability to create individual test reports. The perfect solution for efficient work in active and passive networks.



KE7208

KE7208 comes with the active Network Tester KE7200 and the Cable Finder Kit KE801 Fiber & Copper in a durable case including test cables, software and batteries. The KE801 allows the user to precisely locate wire pairs or cables inside walls or unmarked bundles and offers additionally the use with fiber by the build-in fiber optic fault locator with modulatable laser source.



KE7207

KE7207 comes with the active Network Tester KE7200 and the Cable Finder Kit KE701 Telco in a durable case including test cables, software and batteries. The KE701 allows the user to precisely locate wire pairs or cables inside walls or unmarked bundles.

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 build-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.

At a glance

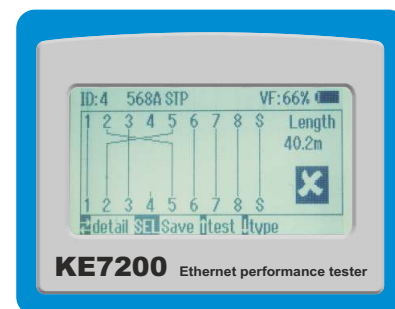
LAN Network Tester

- Wire-Mapping and length measurement
- PoE Test (IEEE802.3 af/at) LT-PoE in preparation
- Detects network speed up to 1 Gbit
- KE7200: Network Scan & Ping Test
- KE7200: Data transfer to PC and print out test reports

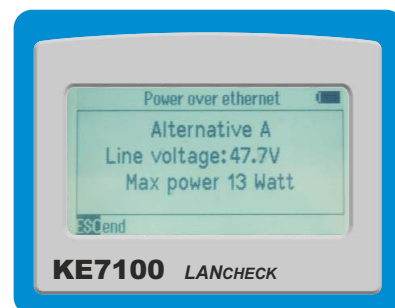
Cable Finder/Tracer

- Locates any kind of cable - even inside walls
- Cable tracing over live DSL, telephone and data lines
- Tests for continuity and resistance with LED & tone
- KE801: Fault Locator (VFL) with red light Laser source
- Over voltage protected up to 500 V
- PROBE with audible and visual indicator
- With build-in torch light for dark areas

Result displays of LAN Network Testers:



Wire map shows split pair and opens



PoE/PoE+ Test indicating type, voltage and max power

















The LAN Network Tester KE7100 and KE7200

are easy-to-use tools that verifies and troubleshoots all types of Ethernet copper cable installation, 2/4 wire lines or coax cable. They are testing the LAN cabling for wire continuity, opens, shorts, misarranged wires and split pairs. The cable length and distance to fault is detected with the TDR function. Power over Ethernet (PoE / PoE+) in combination with overvoltage protection is additional important key features.

The enhanced KE7200 supports active LAN network static IP or DHCP tests up to 1Gbit/s, IP Ping and using a network scan IP & MAC addresses of active users will be listed.













For documentation purpose and data transfer the KE Manager PC software is part of KE7200.

Comparison LAN & Ethernet Tester

				
		■ standard	□ optional available	– not available
	Easy-to-read display with a clear view of the cable status	■	■	■
	Checks wiring for continuity, open, short, circuit, reversal, screen	■	■	■
	Shock-proof, stable housing	■	■	■
	Checks the wiring with PIN and pair assignment (wire map) starting from one pair	■	■	■
	Measurement of line length and distance to fault up to 150 meters (TDR function)	■	■	■
	16 predefined profiles of wiring and cable types, custom profiles are editable in the unit	■	■	■
	Detecting split pair errors	■	■	■
	PoE test with display of the available power (IEEE802.3af and IEEE802.3at)	■	■	■
	Port identification with Link-Blink Function and sending search tones (with optical Probe)	■	■	■
	Up to 32 active remote units configurable / supplied quantity	■ / 2	■ / 1	■ / 1
	Active Network Test with static IP or DHCP as well as 10/100/1000 MBit/s detection	■	■	–
	Network scan with a list of participants with their name, IP and MAC address	■	■	–
	Ping of individual addresses, PING with packet loss indication / response times for stress test	■	■	–
	Stores cable tests and network information and allows individual measurement protocols	■	■	–
	Optional: Bridge Tap detection for 2-wire lines (4 - 5)	□	□	–
	Over voltage protection up to 100 V	■	■	■

Comparison Cable Finder Kit

■ standard
– not available

Ideally suited for:			
		Telco	Telco / Fiber
	Transmitter with Alligator-Clips and RJ11	■	■
	RJ45 plug with Dataport Finder (Link-Blink) and Portfinder	■	■
	Build in fiberoptic visual fault locator (Class II)	–	■
	Coax F-connector	–	■
	Increased over voltage protection up to 500 V	500 V AC	500 V AC
	Voltage detection / Polarity indicator via LED	■ / ■	■ / ■
	Continuity test / Resistance test	■ / ■ + Tone	■ / ■ + Tone
	Receiver Probe detects active ISDN signals	■	■
	Receiver Probe with torch-light-LED	■	■
	Impact-resistant ABS housing, suitable sites	■	■

The Cable Finder Kit KE701 and KE801

speed up the daily work in electrical, telephone and data networks. In shortest time all kinds of cables, wires and pairs will be found and faults such as substitutions, interruptions or overdrafts will be detected.

- Suitable for phone cables, doorbell wires, data cables, coax and power cables
- Be used in cable bundles, trays, inside walls, distributions and more
- Audible and visual signal indicators
- Four search frequencies
- Receiver with LED ISDN signal detection
- Signal feed on active telephone and data lines

Barcode	Type	Description
0.49452-8	KE7208	Ethernet Performance Tester and Cable Finder Kit in hard plastic case: KE7200, 1 Remote Unit KE7010, KE801 Fiber & Copper, test cables and batteries
0.49452-7	KE7207	Ethernet Performance Tester and Cable Finder Kit in hard plastic case: KE7200, 1 Remote Unit KE7010, KE701 Telco, test cables and batteries
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

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