

# KE501 Electric - Cable Finder Kit

## EASYTEST<sub>500</sub>

## PROBE<sub>510</sub>



**KURTH  
ELECTRONIC**



### Electric - Cable Finder Kit

- four built-in tones
- high power output
- cable tracking inside walls
- precise pair identifying
- over voltage protected up to 400V AC
- ALARM LED >90 VAC
- low battery indication
- auto shut off

**Electric - Cable Finder Kit to trace any kind of cable, wires and pairs of wire.**

**Over voltage protected in any tone mode up to 400V AC**

**EASYTEST500 / PROBE510** locates wire faults and identifies specific wire pairs, split pairs and locates broken pairs/cables in walls or unmarked bundles. It helps speed up installation or maintenance of any type of wire and cable, including power cable, telephone and data wire, building automation and burglar or fire alarm wiring. EASYTEST500 is the only unit in his class with a full protection up to 400V AC. If the unit is connected to a power line it will disconnect the tone transmitter from a voltage appr. 110V. The CONT LED will light up red as a warning sign. The Trace tone will not be transmitted on a power line under power!

EASYTEST500 can transmit either two continuous tone (Solid) or two alternating tones (Alt). The Solid or the Alt function is easy to select with no need to open the unit, by pushing the appropriate buttons. A LED beside the button indicates the selected function. To stop the tone transmitting and switch off the unit use the OFF button. The unit can be connected to send the trace tone to any kind of cable. EASYTEST500 is able to send the tone into live telephone line. Over Voltage Protection is in any mode up to 400V AC. EASYTEST500 provides solid Banana Plugs and comes with two Alligator Clips. To connect to a RJ11 - RJ45 outlet there is an optionally adapter available.

In the OFF position EASYTEST500 can also be used to sense line polarity, identify the Tip (+) or Ring (-) side of a line, indicate line condition for clear line, busy line, ringing line and verify correct installation of a line. In CONT-

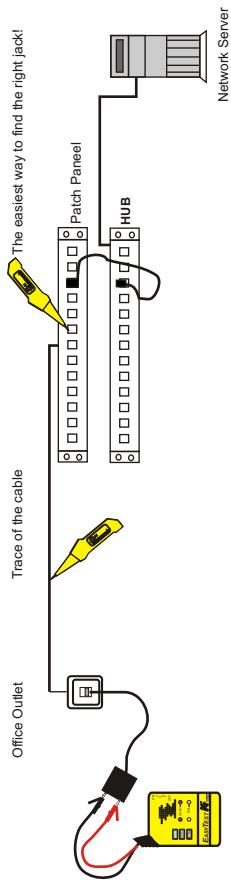
position EASYTEST500 is testing shorts or opens up to 5 kOhm and supplies also a Talk Battery for any Buttset. EASYTEST500 works with one alkaline battery for up to 100 hours.

The capacitive PROBE510 is high sensitive and is working with EASYTEST500 or any other tone generator to identify and trace wires or cables.

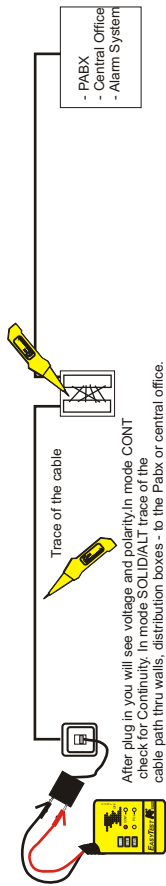
The double, HIGH and LOW volume switch made of high dust and moisture resistant mylar membrane allows fast and easy operation.

The PROBE510 detects a cable using the HIGH-button from a distance of up to 100 cm. Finally you can precise the location by using the LOW-button. Fast and easy tracing - without the need of looking for tiny volume knobs. The tip made of conductive plastic prevents shorts or disturbance of telephone or data lines. The slender design allows high precision tracing of pairs, even in bundles. The tip made of carbon fiber is nearly unbreakable and easy to replace. To increase the sensitivity or reduce noise the PROBE510 can be used with the optional, light weight earpiece. The Kit comes with a solid belt pouch with enough space for EASYTEST500 / PROBE510 as well as the earpiece and the using instruction.

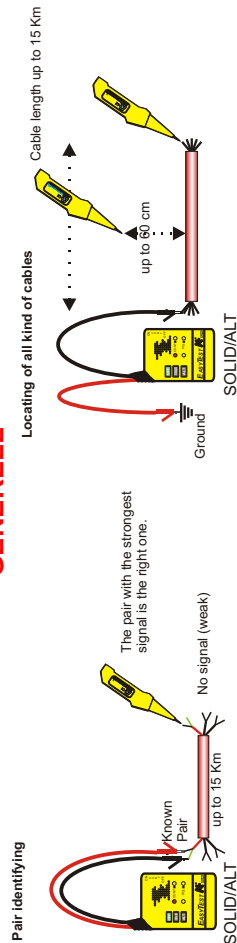
## DATA



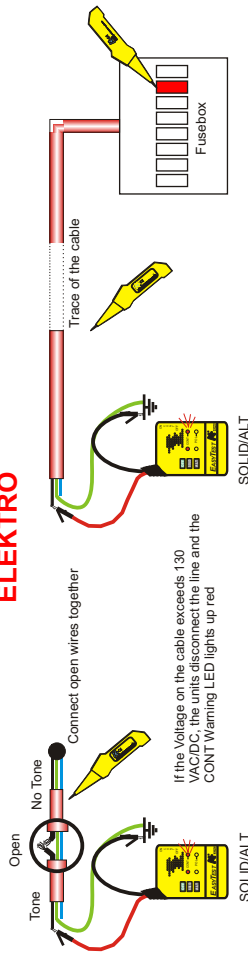
## TELECOM



## GENERELL



## ELEKTRO



**CAUTION!** Working on High Voltage Installations only mains free!

# Specifications

### EASYTEST500

#### Housing :

Heavy duty water resistant housing made from ABS, elastomeric silicon rubber push button switches.

#### Test Leads:

Durable wire leads, (35cm) 13" long, with full insulated banana plugs and extra solid alligator clips

#### Four frequencies selectable :

1. SOLID: 1000 Hz
  2. ALT: 1000/800 Hz
  3. SOLID: 2600 Hz
  4. ALT: 2600/1900 Hz
- Accuracie < +/- 1% (Quartz)

#### Low Batt indication by flashing LED

#### Auto shut Off after 45 minutes

#### Auto shut Off override

#### Auto shut OFF override indication by flashing LED

#### Over Voltage Protection :

Up to 400 VAC / 1000 VDC in any Tone Mode  
max. 15 minutes

#### Trace Distance to Cable/Wire :

Up to 15" (60cm)

#### Trace Cable Length :

Up to 15 km (no load)

#### High Power Output (Battery 9,2V) :

- 9,0V PP no load
- 12 dBm into 600 Ohm
- 11 dBm into 100 Ohm
- 10,5 dBm into 50 Ohm
- Tone over shorted pair up to 250 m. (Inhouse)

#### Other Specifications:

- Gold Plated Contacts
- Unit ON - Indication by LED
- Indication of ALternating Frequency by blinking LED
- Indication of SOLID frequency by steady LED
- Test leads protected by rubber - strain Relief
- Separate Battery Compartment

#### Battery :

9V Alkaline, >100 hrs battery life

#### Dimensions :

68 x 96 x 25 mm / 2.68" x 3.75" x 1.0"

#### Weight :

2.4 oz (150g) without Battery

### PROBE510

#### Housing :

Heavy duty water resistant housing made from ABS.

#### Leistungsmerkmale / Specifications :

- Non-conductive solid carbon fiber tip
- 3.5 mm Earphone Jack
- Gold Plated Contacts
- Separate Battery Compartment

#### Battery :

9V Alkaline, >100 hrs battery life

#### Dimensions :

8.7" x 1.57" / 1.34" x 0.98"

#### Weight :

1.28 oz (80g) without Battery

Technical modifications are subject to change

## Ordering Information

0.49564	KE501 Electric - Cable Tracer Kit with pouch
0.49600	Earpiece for Probe510
0.49561-8	Digital Filter Probe

Your dealer