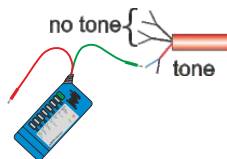


KE900 Remote Unit - KE910 Control Unit

Loop Test Assistant Quick Reference Instructions

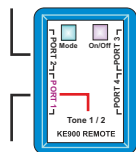
LS – Tracing tone

The leads of the KE910 can be used to tone-identify the pair connected to the remote switch



Key OFF

The speaker is turned off by the key OFF or by pressing any other control key

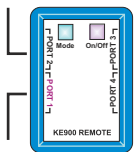


With the key LS the trace tone – loud-speaker will be activated and the trace tone send from KE900 and the Port can be changed. The Mode LED flashes as follow:

- — Trace tone 1 on P1
- — Trace tone 2 on P1
- — Trace tone 3 on P1
- — P1 and P2 connected

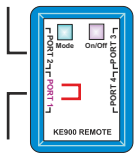
Key 1

Opens Port 1 and stops tracing tone. Used for measurements like open circuit noise, capacitance, leakage resistance



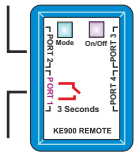
Key 2

Port 1 pair shorted. Used to measure the loop resistance



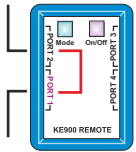
Key 3

Port 1 loop pulse for 3 seconds. With it you can clearly detect the far end with a TDR even the loop is correct terminated on the CO side



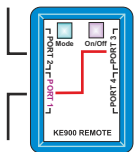
Key 4

Port 1 connected to Port 2. Used to restore the subscriber's line before and after testing



Key 5

Port 1 connected to Port 3. A test set on Port 3 can then be used for end-to-end measurements like attenuation in conjunction with a additional signal transmitter on the far end



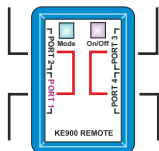
KE900 Remote Unit - KE910 Control Unit

Loop Test Assistant Quick Reference Instructions

The key **Shift** is used to execute the control functions on the second level. Hold the key Shift down and press the second key with the wanted function to execute

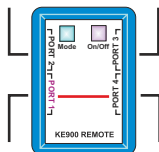
Key Shift + OFF

Port 1 connected to Port 2 and Port 3 connected to Port 4. This configuration allows to measure two independent loops for influence to each other



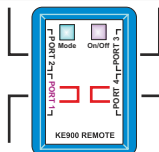
Key Shift + LS

Port 1 connected to Port 4



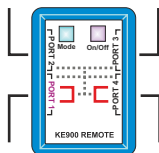
Key Shift + 1

Port 1 and Port 4 loop



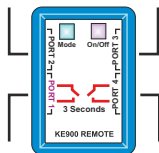
Key Shift + 2

Loop Port 1 and Port 4 and connected to ground e.g. for resistance symmetrical measurement



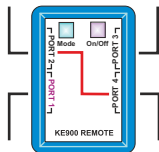
Key Shift + 3

Port 1 and Port 4 loop pulse for 3 seconds. With it you can clearly detect the far end with a TDR even the loop is correct terminated on the CO side



Key Shift + 4

Port 4 connected to Port 2. With it you can switch e.g. the exchange line on another pair of wires



Key Shift + 5

Port 4 connected to Port 3, Port 1 open

