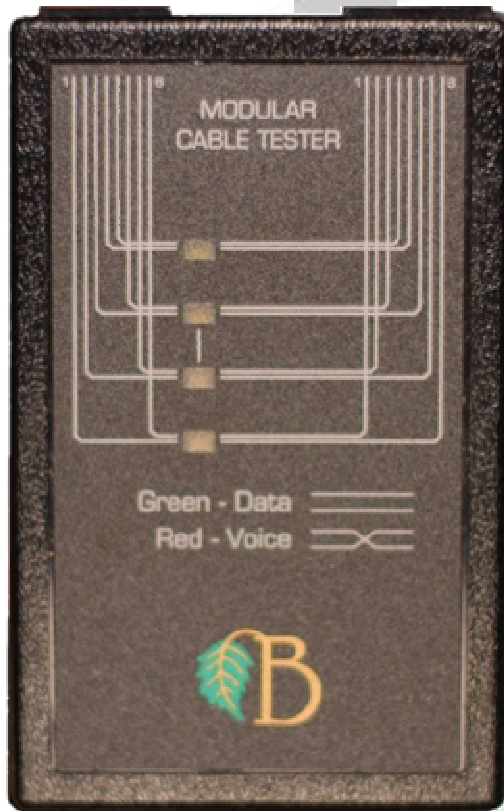


Modular Cable Tester

Model MCT-8K

The MCT-8K is an economical, one-step continuity tester to quickly verify the integrity of voice and data cables.



Instantly verify any 2, 4, 6, or 8 wire RJ-type cable with this simple pocket tester. Four bicolor LED's on the tester correspond to the four conductor pairs of the cable. If a pair is wired for data (straight through), the connection is shown in green; if the pair is wired for voice (crossed), the light is red. No light means that at least one wire of the pair is not connected.

Network technicians and cable installers will also find it a handy addition to their tool kit. Two of these testers acting together may be used for end-to-end testing of installed cables. Attach the remote end of the cable to the right connector of one tester, and the local end of the cable to the left connector of a second tester. Connected pairs will be indicated on the local unit.





The cable tester is housed in a 1" x 2.4" x 3.8" plastic case, with power supplied by a 9-volt battery. Attachment of a cable activates the unit; when a cable is attached, the battery voltage is applied across the conductor and shield. The tester should NOT be attached to "live" cables, or damage to connected equipment may result. Disconnect both ends of the cable before attaching to the tester.

 BirchTree

San Jose, California
<http://www.BirchT.com>

To test free cables...

Attach each end of a cable to the tester. Each pair of wires in the cable has a corresponding LED which will light if the pair is present. A green light indicates the wires in the pair are wired straight-thru for data (e.g. pins 1 and 2 on one end are connected to pins 1 and 2 on the other end.) A red light means the wires in the pair are crossed for voice (e.g. pins 1 and 2 on one end are connected to pins 2 and 1 on the other end.)

	The innermost pair (pins 4,5).
	The second innermost pair (pins 3,6).
	The second outermost pair (pins 2,7).
	The outermost pair (pins 1,8).

To test telephone jacks...

Attach the telephone cable to the left connector of the tester. A properly wired wall jack (with a known-good phone cable) will light the green LED for the center pair. (A two-line wall jack will light the two center pairs.)

To test installed cables...

Attach two testers to each end of the cable as shown below:



Local Tester
(use left connector)



Remote Tester
(use right connector)

The condition of the cable is shown on the local tester.