

Tri Tester PRO™

Voice, Data & Video Tester with Cable Length Measurement

With Voice, Data and Video all being combined and mixed in most installations, it is good to find one solution for testing the complex wire environment that exists in today's information and entertainment systems.

The Tri Tester Pro™ is the all-in-one tool for finding cable faults in Data, Telephone, and Coax cables. The large LCD shows multiple fault situations and gives a Pass or Fail indication where necessary. Features the ability to test length of cable using capacitance. A built in tone generator is useful for tracing faults and finding the termination ends of installed cable of all types.

Using the built-in remote and wiremapper sets, one user can identify up to 19 remote cable end locations. Rugged and built for years of use, the Tri-Tester Pro™ is the perfect solution for accurate and easy field testing results.

Features

- Tests Voice (6 wire), Data (8 wire) and Video (coax)
- Easy to read, extra large 7-segment LCD screen with large icons
- Tone generation over voice, data and video cables, with 4 different tones
- Measures length of entire cable and individual wire pairs
- RJ (Voice & Data) master remote stores in bottom of case
- Maps 19 locations at one time
- Tests and indicates pins with shorts, opens, reversals, miswires and split pairs
- Displays "Pass" icon for correctly wired T568A/B and crossover/uplink
- Displays "Pass" icon for correctly wired 6-pin telephone plus "Rev" for reverse-pinned
- Low power consumption for long battery life
- Auto power-off



Continuity Testing

Discerns if the voice, data, and/or video cables being tested have been wired correctly with no faults.

ID Mapping

Identifies cables and determines their exact location.

Tone Generation

Verifies cable wiring paths by sound

Length Measurement

Measures length of entire cable and individual wire pairs.



Additional Features

- Video ID remote included
- Displays length reading in feet or meters
- Wire mapping remotes for mapping cable runs to wall outlets accompany the Tri Tester PRO™
- Cable test results displayed in wire map format with connector pin numbers
- Shows “X-over” for correctly wired cross-over (uplink) data cables and displays “Rev” for correctly wired reverse-pinned voice cables
- Tone generator has a selectable tone cadence which is applied to selected pins or pin pairs
- Conserves power and supports long battery life with battery low icon
- Video and data cables can be connected to the tester at the same time to improve testing efficiency
- Patch cables may be tested without detaching the remote from the main tester

Included in the Kit



RK305
1-5 Network/Coax ID Remotes
with F-Connector Coupler, F81



CA005
RJ45 to Alligator Clips

Optional Accessories



RK100
19 ID Coax Remote Set



RK200
19 ID Network Remote Set



TP200
TrakAll™ Tone & Probe

Specifications

Specifications	Description
Physical Dimensions	Size: 16.3 x 7.1 x 3.6 cm (6.4 x 2.8 x 1.4 inches) Weight: 256 grams (9.0 oz) with battery and remote-end of tester
Power	1 9V alkaline battery • Active: 425 hours • Standby: 4 years
Maximum Voltage	Parameters refer to the maximum voltage that can be applied to any 2 connector pins without causing damage to the tester. • RJ Jack: 66 Vdc or 55 Vac • F-connector: 50 Vdc or Vac
Operating Environment	• Operating temperature: 0 to 50 °C (32 to 122 °F) • Storage temperature: -20 to 60 °C (-4 to 140 °F) • Humidity: 10% to 90%, non-condensing
Cable Types	Tester supports shielded or unshielded cables, Cat-7, Cat-6x, Cat-5E, Cat-5, Cat-4, Cat-3, and Coax cables.
Maximum RJ Cable Length	0 to 305 meters (1,000 feet)
Minimum Cable Length for Split Pair Detection	0.5 meters (1.5 feet)
Maximum Coax Cable Length	100 ohms maximum DC resistance, center conductor plus shield
Low Battery	Icon flashes when battery voltage falls below 6V
Measurement Technology	Capacitance testing
Compliance	 Complies with Conformité Européenne directives.
Length Accuracy Without Length Constant Accuracy	± 3% plus ± 1 foot
Cable Length	Minimum of 2,000 ft CAT5E cable with 15 pF/ft length constant
Default Length Constants	Restored with power on reset. • Voice: 17.4 pF/ft • Video: 16.5 pF/ft • Data: 15 pF/ft