Coax Clarifier™

Test, Identify, and Qualify Dark Coax Networks.

All in one powerful handheld instrument.

Dark unpowered coax systems give no clue as to their design, condition or configuration. The new Coax Clarifier™ makes it easy to discern the layout of a dark coax network, locate faults on individual cable runs, identify remotes through splitters, and determine cable run lengths. Separate wiremapping sets allows mapping the entire coax system and measure the quality and network characterization for carrying high grade video, surveillance data and HD programming.

- Identifies cable faults
- Displays cable run quality
- Detects Coax RF Remotes through splitters
- Locates splitters in the system
- Tests and grades splitter performance
- Measures cable length up to 1,500 feet
- Wiremaps up to 12 coax locations

Benefits

- Fast testing using multiple wiremapping remotes
- Quickly discover coax system layout configuration to save time
- All testing in one unit: Discovery, Quality and Condition
- Clear concise measurement display for easy understanding of capability of each run

12 ID Only Coax Remotes

Includes Hanging Storage Pouch

Coax Run Mapping

Maps runs through splitters to show an accurate picture of the coax system layout using up to 4 Coax RF Remotes. Up to 12 ID Only Coax Remotes are also available for wiremapping on home runs.

Cable Length

Determines cable run length and reports the location of an open or unterminated cable.

Quality of Network

Measures overall network quality and clearly depicts network reading as both a bar graph and a digital return loss number, measured in dB.

Tone Tracing

Traces coax runs with four unique tones to quickly distinguish between respective outlets.
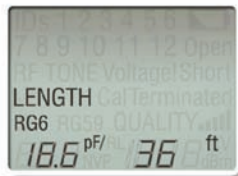
PLATINUM TOOLS®

We Make Connections EZ!

Shines light into dark coax networks

- Identifies cable faults
- Displays cable run quality
- Detects Coax RF Remotes through splitters
- Tests and grades splitter performance
- Measures cable length up to 1,500 feet
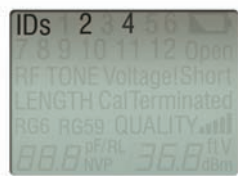- Wiremaps up to 12 coax locations

TCC220 includes 4 remotes.
TCC200 includes 2 remotes.

Multiple Testing Modes

LENGTH
RG6
18.6 pF/ 36 ft
← Length

QUALITY
RL 36.8 dB
← Quality of Cable Run

IDs 2 4
← ID (Map Location)
3-way splitter shown

TONE
Hi Lo
← Tone

Specifications

Physical Dimensions	Size: 17.3 x 8.0 x 3.3 cm (6.8 x 3.15 x 1.3 inches) Weight: 340 grams (12.0 oz.) with battery
Power	4 AA alkaline batteries • Standby: 4 years • Active: 20 hours average
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 • Altitude: 3,050 meters (10,000ft) maximum
Quality (Return Loss)	0.0 to 60.0 dB
ID Only Coax Remotes	100 ohms maximum DC resistance, center conductor plus shield
Coax RF Remotes	17dB maximum attenuation to remote location (splitters, cable, etc.)
Audio Frequency Tone	• 1,000 and 600 Hz – 4 patterns (High only, Low only, 2 warble tones) • 3.3Vp-p (pin or shield), 6.6Vp-p (both pin and shield) open circuit
Radio Frequency Tone	10, 20, 30 or 40MHz, 1Vrms into 75 ohms
Battery Low Level	Approximately 4 volts
Capacitance Length	• Range – 0 to 1,500 ft (457 meters) min at 15pF/ft length constant • Accuracy – ±5% ±1ft (0.5 m) with correct length constant • Length Constant Range – 10.0 to 40.0 pF/ft (33 to 131pF/meter)
Compliance	CE Complies with Conformité Européenne directives.
Warranty	1 year - see product for details

Kit Part Numbers & Accessories

Product Number	Description		
Kits			
TCC200	Coax Clarifier™ with 2 Coax RF Remotes, TRK104, TCA004, 18303, 18304(3), 18301(3), 18306(4) and 4007		
TCC220	Coax Clarifier™ with 4 Coax RF Remotes, TRK112, TCA004, 18303, 18304(5), 18301(5), 18306(4) and 4007		
Accessories			
TCR001	No. 1 Coax RF Remote	4007	Hanging Pouch
TCR002	No. 2 Coax RF Remote	TCA004	Cable Assembly, Screw-On F-Jack to Push-On F-Plug Cable - 12"
TCR003	No. 3 Coax RF Remote	18303	Adapter, F-Jack to BNC Jack
TCR004	No. 4 Coax RF Remote	18304	Adapter, F–Jack to Push-On plug
TRK104	Nos. 1 - 4 ID Only Coax Remote Set in Foam Holder	18301	F-Connector Coupler, F81
TRK112	Nos. 1 - 12 ID Only Coax Remote Set in Foam Holder	18306	F-Terminator Plug