

# Coax Clarifier™

Test. Identify. Qualify.



Dark unpowered coax systems give no clue as to their design, condition or configuration. The new Coax Clarifier™ by T3 Innovation makes it simple and easy to discern the layout of a coax network, locate faults on individual cable runs, identify remotes through splitters, and determine cable run lengths. In addition, separate wiremapping sets allows a technician to map out the entire coax system and measure the quality and characterization of the overall network for carrying services, such as high grade video, surveillance data and HD programming.

## Features

- 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

## 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.



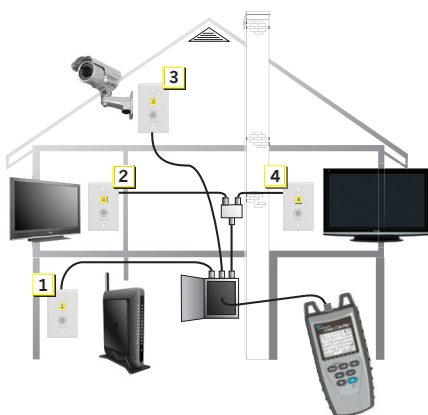
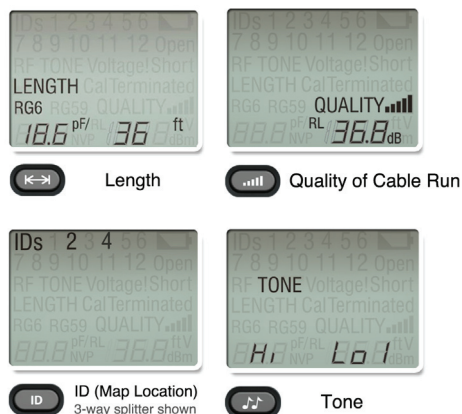
## Quality of Network

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.

## Multiple Testing Modes



12 ID Only Coax Remotes



4 Coax RF Remotes

## Kit Part Numbers &amp; Accessories

Product Number	Description		
<b>Kits</b>			
CC200	Coax Clarifier™ with 2 Coax RF Remotes, RK104, CA004, AD002, AD003 (3), AD004 (3), AD005 (4), and CP100		
CC210	Coax Clarifier™ with 4 Coax RF Remotes, RK104, CA004, AD002, AD003 (5), AD004 (5), AD005 (4), and CP100		
CC220	Coax Clarifier™ with 4 Coax RF Remotes, RK112, CA004, AD002, AD003 (5), AD004 (5), AD005 (4), and CP100		
CC250	Coax Clarifier™ with 4 Coax RF Remotes, TP200 Tone Probe, RK112, CA004, AD002, AD003 (5), AD004 (5), AD005 (4), and CP200		
<b>Accessories</b>			
CR001	No. 1 Coax RF Remote	CP100	Hanging T3 Pouch
CR002	No. 2 Coax RF Remote	CP200	T3 Zipped Compartmentalized Pouch
CR003	No. 3 Coax RF Remote	CA004	Cable Assembly, Screw-On F-Jack to Push-On F-Plug Cable - 12"
CR004	No. 4 Coax RF Remote	AD002	Adapter, F-Jack to BNC Jack
RK104	Nos. 1 - 4 ID Only Coax Remote Set in Foam Holder	AD003	Adapter, F-Jack to Push-On Cable
RK112	Nos. 1 - 12 ID Only Coax Remote Set in Foam Holder	AD004	F-Connector Coupler, F81
TP200	TrakAll Tone and Probe	AD005	F-Terminator Plug

<b>CC200</b>	Coax Clarifier™ with 2 Coax RF Remotes, RK104, CA004, AD002, AD003 (3), AD004 (3), AD005 (4), and CP100
<b>CC210</b>	Coax Clarifier™ with 4 Coax RF Remotes, RK104, CA004, AD002, AD003 (5), AD004 (5), AD005 (4), and CP100
<b>CC220</b>	Coax Clarifier™ with 4 Coax RF Remotes, RK112, CA004, AD002, AD003 (5), AD004 (5), AD005 (4), and CP100
<b>CC250</b>	Coax Clarifier™ with 4 Coax RF Remotes, TP200 Tone Probe, RK112, CA004, AD002, AD003 (5), AD004 (5), AD005 (4), and CP200

<b>CR001</b>	No. 1 Coax RF Remote	<b>CP100</b>	Hanging T3 Pouch
<b>CR002</b>	No. 2 Coax RF Remote	<b>CP200</b>	T3 Zipped Compartmentalized Pouch
<b>CR003</b>	No. 3 Coax RF Remote	<b>CA004</b>	Cable Assembly, Screw-On F-Jack to Push-On F-Plug Cable - 12"
<b>CR004</b>	No. 4 Coax RF Remote	<b>AD002</b>	Adapter, F-Jack to BNC Jack
<b>RK104</b>	Nos. 1 - 4 ID Only Coax Remote Set in Foam Holder	<b>AD003</b>	Adapter, F-Jack to Push-On Cable
<b>RK112</b>	Nos. 1 - 12 ID Only Coax Remote Set in Foam Holder	<b>AD004</b>	F-Connector Coupler, F81
<b>TP200</b>	TrakAll Tone and Probe	<b>AD005</b>	F-Terminator Plug

## Specifications

<b>Physical Dimensions</b>	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
<b>Power</b>	4 AA alkaline batteries • Standby: 4 years • Active: 20 hours average
<b>Operating Environment</b>	• 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
<b>Quality (Return Loss)</b>	0.0 to 60.0 dB
<b>ID Only Coax Remotes</b>	100 ohms maximum DC resistance, center conductor plus shield
<b>Coax RF Remotes</b>	17dB maximum attenuation to remote location (splitters, cable, etc.)
<b>Audio Frequency Tone</b>	• 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
<b>Radio Frequency Tone</b>	10, 20, 30 or 40MHz, 1Vrms into 75 ohms
<b>Battery Low Level</b>	Approximately 4 volts
<b>Capacitance Length</b>	• 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)
<b>Compliance</b>	<b>CE</b> Complies with Conformité Européenne directives.