



**GTT – The Solution for Home Network Testing**

The GTT is a new addition to the vast variety of products currently offered by Sunrise Telecom. The GTT is specifically tailored for the home network test market. This innovative product provides automatic “Go/No-Go” test routines for Home Phoneline Networking Alliance (HPNA) networks, video, Ethernet, 802.11x wireless, copper loop fault identification, Plain Old Telephone Service (POTS) testing, and in-home wiring identification and testing.

GTT plays an important role in home network verification. It's an ideal test tool for services, such as Triple Play, where it's essential to provide clear and crisp television pictures, fast internet access and high quality telephone services.

## KEY FEATURES

- HPNA Analysis
- Cable Test
- POTS
- DC Voltage and Ohm Measurements
- Wireless (802.11) Analysis
- Ethernet Link Verification
- PC Utility (Bluetooth)

## BENEFITS

- Low cost
- All-in-one test set
- Go/No-Go service verification
- Rapid installation
- Simple pass/fail display
- Easy-to-use

## SPECIFICATIONS

### Connectors (Interfaces)

HPNA: RJ-11 and F-81 75Ω (coaxial) connector

Cable Test: RJ-45

POTS/DC/Ohm: RJ-11

Ethernet: RJ-45

Headset: 2.5 mm jack

Speaker

### HPNA Receiver/Analyzer

Host and Client mode: User selectable

Auto-discover HPNA stations and MAC addresses

Auto Test between user selected stations

Data Rate

Power Level

Signal-to-Noise Ratio (SNR)

Transmit and Receive Packets

Packet Loss

User configurable Packet count and length

Test coaxial and twisted pair HPNA networks

## Cable Testing

### Wiremap

- Wire mapping for RJ-45 8-pin twisted pair cable
- Maximum cable length: 500 ft/150 m
- Displays connected, open, short, and map

### Cable Loss (Coaxial and Twisted Pair)

- Test Signal: 7 and 14 MHz
- Diplexer Verification
- Provide estimated cable length (Twisted Pair Only)

### Cable ID

- Connectors: RJ-11, F-81 coaxial
- Provide termination for cable identification

### Wiremap Probe

- Connectors: RJ-45 and F-81 coaxial
- Uses 2 x AA batteries
- Auto Shut Off: 5 minutes

## POTS/Caller ID

- Loop Start, DTMF dialing, Caller ID
- Talk/listen via headset, listen via speaker
- DC Voltage

Range: 0 to  $\pm 200$  Vdc

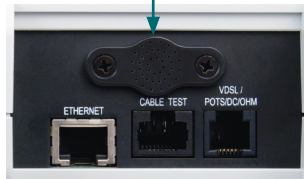
### Ohm Measurements

Range: 100 $\Omega$  to 1 M $\Omega$

### Tone Generation Frequency: 570 Hz

### Ground Continuity Test

- Range: 0 to 10 k $\Omega$
- Accuracy: 2%  $\pm 1\Omega$  (0 to 1 k $\Omega$ )
- 5% (1 k $\Omega$  to 10 k $\Omega$ )



## Wireless

- Detect 802.11 b/g SSID
  - Signal Strength
  - Channel Identification
  - MAC Address Identification
- Detect WEP 64 and 128 bytes encryption

## Ethernet

- Link Status
- Link Speed (10/100M, Half/Full Duplex)

## PC Utility

- Bluetooth
- Configurable Threshold Criteria and result download (CSV)

## PRODUCT DESCRIPTION

- Chassis Size (WxLxH): 7.7 x 2.4 x 4.0 in (190 x 53 x 96 mm)
- Operating Temperature: 32° to 113°F (0° to 45°C)
- Storage Temperature: -4° to 158°F (-20° to 70°C)
- Humidity: 5% to 85% noncondensing

- Battery: Li-Ion battery with smart battery system
- Screen: 64 by 128 pixels, black and white with back light and graphical capabilities

## ORDERING INFORMATION (Check factory for availability)

GTT	Home Network Test Set Includes: POTS, DC Test, HPNA, Ethernet Check 10/100, Cable Test Function, Wireless 802.11 signal meter, charger, manual. Also includes Bluetooth IFD (PC) connection.
GTT-FED	GTT Far End Devices; Includes Wiremap Probe and Cable ID Responder, 5-Pack, Addresses 1-5
GTT-ACC-KIT	GTT Accessory and Cable Kit Includes: SA313 earbud headset, SA671 carrying case, SA297 RJ-11 to Clip Lead Cable 6', SA298 RJ-11 to Coaxial (F-type connector) Cable 6', SA150-NA RJ-11 to RJ-11 Cable 6', SA310 Coaxial cable (male to male F-type connector) 6', SA312 Coaxial adapter (female to female F-type Connector), SA311 Coaxial snap-on adapter (screw-on to push-on F-type connector), and SA318 RJ-45 to RJ-11 and Coaxial F-type connector
SA317	Vehicle charger
SA671	Carrying case

## Replacement Accessories

GTT-WP	GTT Wiremap Probe for Twisted Pair, Cat 3/5 & Coaxial cable
GTT-ID-5	GTT Cable-ID Responder 5-Pack, Address 1-5
SA150-NA	RJ-11 to RJ-11 cable, 6'
SA185	Battery Pack, GTT
SA186	AC Charger, GTT
SA187-NA	Power Cord, GTT
SA297	RJ-11 to clip lead cable, 6'
SA298	RJ-11 to coaxial (F-type connector) cable, 6'
SA310	Coaxial cable (male to male F-type connector), 6'
SA311	Coaxial snap-on adapter (screw-on to push-on F-type connector)
SA312	Coaxial adapter (female to female F-type connector)
SA313	Earbud Headset
SA318	Cable Assembly, RJ-45 to RJ-11 and Coaxial F-type connector
SA671	Carrying Case

For more information or a directory of sales offices: [info@sunrisetelecom.com](mailto:info@sunrisetelecom.com) | [www.sunrisetelecom.com](http://www.sunrisetelecom.com)