



RCG-4001 POTS Call Generator

Product Highlights

The RCG-4001 is a **call generator** for testing **analog telephone equipment**.

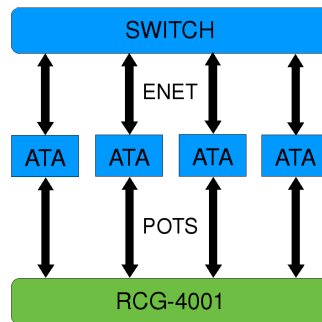
It comes with a **test suite** covering call features like call waiting and three way calling. Rimay Technologies is continuously improving this test suite, delivering the most **comprehensive call feature test suite** in its class.

Automatic call capture takes recordings of every line during testing, captures ethernet (VoIP) traffic to the device under test, and records syslog from the DUT. This means more detailed bug reports, **faster troubleshooting** and **faster turnaround time for fixes**.

Easy scripting means your staff does not need to climb a steep learning curve to be productive quickly.

Typical Use

Test an ATA by connecting its POTS port(s) to RCG-4001 and running a test suite.



Test a switch or gateway by connecting the RCG-4001's POTS ports to an ATA or other CPE.

Configure the RCG-4001 via SSH. Launch the test suite using either the front-panel keypad or via SSH. Check status using the front-panel display or SSH.

Data

- 4 Analog POTS FXO Ports
- 9.5"W x 9.8"L x 3"H
- Front-panel menu and keypad allows use without external PC
- SSH-based CLI interface allows remote control and configuration via 10/100 Ethernet port
- Included test suite covers basic call features
- User scriptable using python and included library
- Tone generator and tone detectors for common North American tones
- Voice path verification (two-way and N-way)
- FSK decoder to recognize Caller ID/Name
- Tunable timing in tests allows customization for any device
- Ubuntu Linux Operating System

Built-In Test Suite

- A Calls B
 - Tests for basic two-party calls.
- Anonymous Call Reject
 - Tests for anonymous call rejection (typically *77/*87).
- Automatic Callback
 - Tests for *66 -- automatically repeat the last outbound call.
 - Includes tests for interactions with many other features.
- Automatic Recall
 - Tests for *69 -- automatically call back the last incoming caller.
- B Hears Busy (Signaling Testing)
 - Tests signaling typically associated with error conditions (busy, invalid number, etc).
- Call Forward Busy Line
 - Tests customer programmable call forwarding (*90/*91) when the customer's line is busy.
- Call Forward - Don't Answer
 - Tests customer programmable call forwarding (*92/*93) when the customer does not answer.
- Call Transfer
 - Tests call transfer, including interactions with other features.
- Call Waiting
 - Tests for Call Waiting, Cancel Call Waiting, and interactions with other features.
- Do Not Disturb
 - Tests unconditional rejection of inbound calls.
- Signal Testing
 - Tests for basic call signaling -- ringing, audible ringback, etc.
- Speed Dial 30 (Two Digit)
- Speed Dial 8 (One Digit)
- Teen Line
 - Tests using a secondary number assigned to the same physical line.
- Three Way Call
 - Tests for three-party calls, including interactions with other features.
- Unconditional Call Forwarding
 - Tests customer programmable call forwarding (*72/*73).

As of November 2010 there are over 100 test cases in the full suite.

For a detailed listing of tests in the current suite, call 800-913-7973 or email info@rimaytech.com.