

# M9680 GoNoGo V2 / M9680L GoNoGo V2

## GoNoGo V2 Tester / GoNoGo V2 Software

### Product definition

- ✓ Diagnostic tool for TETRAPOL terminals (BER 1G, Wide band BER, HH2G, TPH600, TPH700) maintenance in network or (and) supervision management centers (O level maintenance).
- ✓ It can operate a direct mode communication between a terminal in test and another terminal, which is integrated on the test bench.

### User advantages

- ✓ The GoNoGo test bench guaranty that a terminal, **downloaded with the operational software** :
  - Has all of his material functionalities,
  - Is operational to ensure a direct mode communication,
- ✓ Easy maintenance management by use codes bar reader,
- ✓ Test reports are archived in a database,

### GoNoGo presentation



### Functionalities :

- ✓ Capture of terminal in test code bar,
- ✓ Coherence control of product in test :
  - Bandwidth,
  - Serial number,
  - Software version,
  - Logical board serial number
  - Type of encrypted ASIC
- ✓ Communication in direct mode
- ✓ Automatically test progress are visualized
- ✓ Test characteristics are visualized,
- ✓ Printing ticket can be choose or not,
- ✓ Printing ticket test is detailed when the terminal is failed,
- ✓ Test reports are archived in a database

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### Tests list

#### Common tests for all terminals :

- ✓ Audio measures :
  - Micro and loud speaker amplifiers gain, bandwidth and distortion
  - Audio cut off at high frequency
- ✓ Transmission Power control,
- ✓ DC current in standby mode for transmission and reception
- ✓ Test of I/O signals in exploitation and telecommand connectors,
- ✓ ASIC encoder control
- ✓ Direct mode communication with a tool terminal,

#### Specific tests for HH2G/TPH600/TPH700 :

- ✓ Transmission Power control in auxiliary antenna,
- ✓ Half-automatic tests for keyboard, display and LED.

#### Specific tests for HH2G :

- ✓ Test of battery SM bus,

### All projects common components

#### The GoNoGo V2 tester contain the following components :

- ✓ A portable PC QWERTY or AZERTY which contains :
  - Common software for all terminals
  - A I/O PCMCIA interface board,
  - An operational system Windows XP PRO UK or FR,
  - A cable kit for parallel and serial ports.
- ✓ A code bar reader
- ✓ A RF interface box equipped with :
  - A tool terminal,
  - A standard kit cable.
- ✓ Tester technical manual (versions FR and EN) in a CDROM

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### Specific project accessories

**This components are the terminal test kits which can be delivered according to the customer network terminals stock.**

- ✓ A BER WB tool, in using customer bandwidth :  
**This terminal will be downloaded, in factory, with specific software and integrated in the RF rack**
- ✓ WB BER and 1<sup>st</sup> generation of BER test kit, common to middle and low bandwidth
- ✓ Handheld 2G test kit, common to middle and low bandwidth
- ✓ TPH600 test kit; common to middle and low bandwidth
- ✓ TPH700 test kit, common to middle and low bandwidth

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### Options

- ✓ Printer

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### Warning

When you will command a GoNoGo with the accessories, please contact the technical support team to take in account the potential technical particularities of the project : [hardwareservices\\_sn@eads.com](mailto:hardwareservices_sn@eads.com)

**This product must be validated in factory before sending to the customer :**

- ✓ "Tool" terminal programming,
- ✓ Software application installation,
- ✓ Test with some customer terminals