



IDEAL NETWORKS

# SignalTEK NT





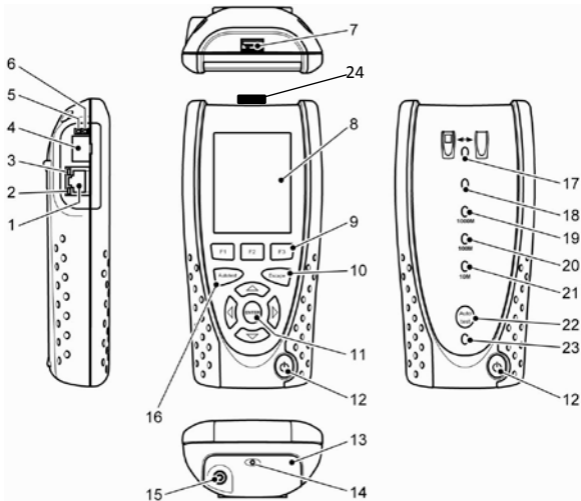
Quick Reference Guide  
156866 Issue 2

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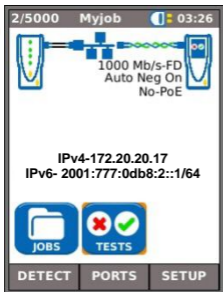


- |    |                        |    |                         |
|----|------------------------|----|-------------------------|
| 1  | RJ45 Port              | 13 | Power module            |
| 2  | RJ45 activity LED      | 14 | Charger LED             |
| 3  | RJ45 link LED          | 15 | DC in connector         |
| 4  | Optical port (SFP)     | 16 | Autotest button         |
| 5  | Optical activity LED   | 17 | Link LED                |
| 6  | Optical link LED       | 18 | Status LED              |
| 7  | USB port               | 19 | 1000 Mb/s line rate LED |
| 8  | LCD color display      | 20 | 100 Mb/s line rate LED  |
| 9  | Function keys F1 to F3 | 21 | 10 Mb/s line rate LED   |
| 10 | Escape key             | 22 | Remote Autotest button  |
| 11 | Cursor and ENTER keys  | 23 | Power LED               |
| 12 | ON/OFF button          | 24 | Wi-Fi Adaptor           |

Charger LED	Status
Green	Power module is charging
Off (with charger connected)	Power module is charged
Green flashing	Power module is not being charged

## Three Ways to Navigate

A

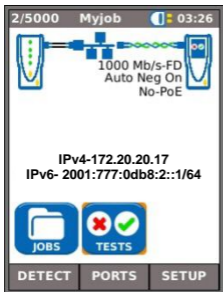


B

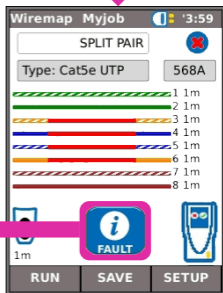
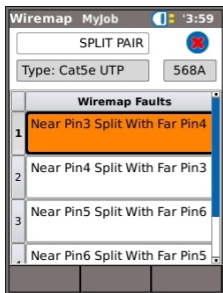
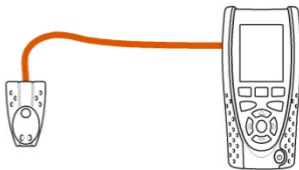
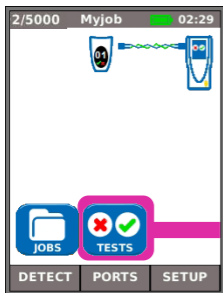


Escape - returns to previous screen  
ENTER - accepts selection

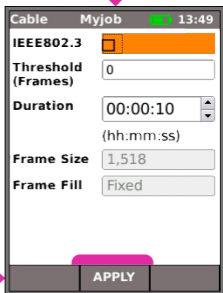
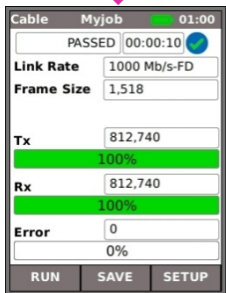
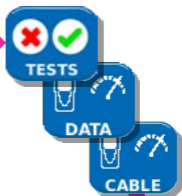
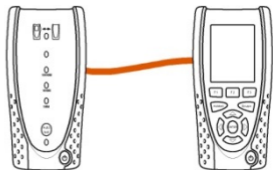
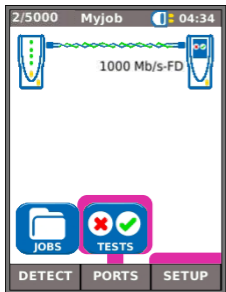
C



# Wiremap Testing



# Cable Testing



# IP Testing

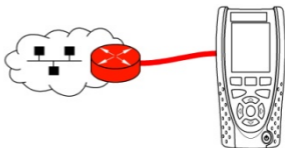
2/5000 Myjob 14:01

1000 Mb/s-FD  
Auto Neg On  
No-PoE

IPv4-172.20.20.17  
IPv6- 2001:777:0db8:2::1/64

JOBS TESTS

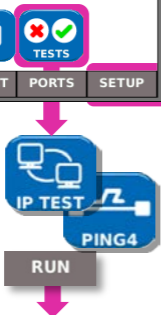
DETECT PORTS SETUP



IP TEST

PING4

RUN



TESTS

IP TEST

PING4



Ping Myjob 14:05

Target

Target: 172.20.20.57

Info: PASSED

Tx: 20/20

Rx: 20

Delay(ms)

Min: 1.3

Avg: 1.7

Max: 9.6

RUN SAVE SETUP



Ping4 Myjob 14:06

Target ...

Target: 172.20.20.57

Count: 20

Pause (ms): 1001

Length: 512

APPLY



## Performance Testing

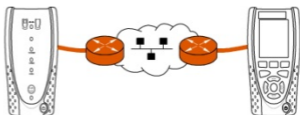
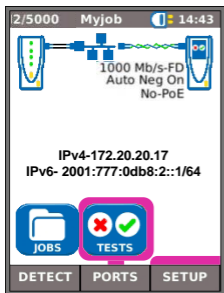
2/5000 Myjob 14:43

1000 Mb/s-FD  
Auto Neg On  
No-PoE

IPv4-172.20.20.17  
IPv6- 2001:777:0db8:2::1/64

JOBS TESTS

DETECT PORTS SETUP



DATA VOIP

RUN



VoIP Myjob 11:13

PASSED 00:00:10

Link Rate 1000 Mb/s-FD

Frame Size 218

IR (Mb/s) 0.9

Tx 5,160

100%

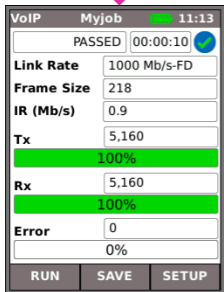
Rx 5,160

100%

Error 0

0%

RUN SAVE SETUP



TESTS DATA VOIP



VoIP Myjob 14:54

No. of Calls 10

Info. Rate (Mb/s) 0.9

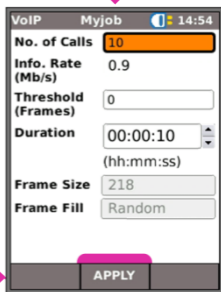
Threshold (Frames) 0

Duration 00:00:10 (hh:mm:ss)

Frame Size 218

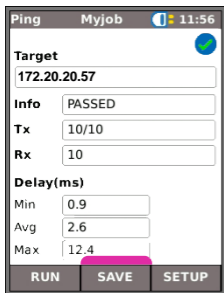
Frame Fill Random

APPLY

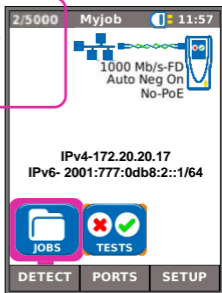




## Save and View Test Results



2 tests saved.  
Memory  
capacity =  
5000 tests.



Saves result to  
SignalTEK NT



View



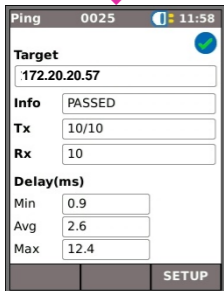
Select Job

Select Result

OR  
Save to  
USB

TO USB

OR Smartphone  
downloads reports using  
**IDEAL AnyWARE™**  
app. for Android™ /  
Apple

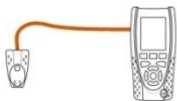


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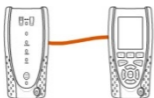
Android is a trademark of Google Inc.

# Tests Menu Maps

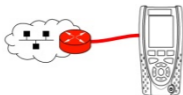
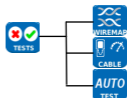
## Cable Mode



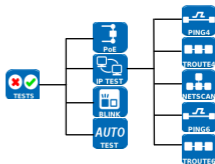
## Ethernet Modes



1



2



3

