



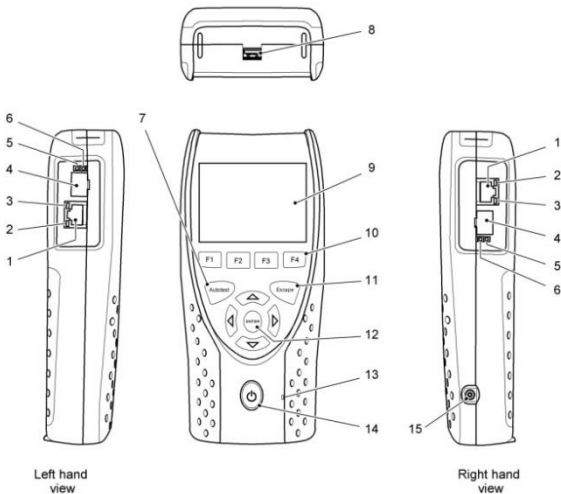
TREND NETWORKS

UniPRO MGig1



Quick Reference Guide 152800 Issue 2

www.trend-networks.com



¹ Items 4, 5 & 6 - MGig1 PLUS & PRO models only

² Items 1 to 6 on right hand view - MGig1 Duo models only.

1 ²	RJ 45 port	9	LCD color display
2 ²	RJ 45 activity LED	10	Function keys F1 to F4
3 ²	RJ 45 link LED	11	Escape key
4 ^{1,2}	Optical port (SFP)	12	Cursor and ENTER keys
5 ^{1,2}	Optical activity LED	13	Charger LED
6 ^{1,2}	Optical link LED	14	ON/OFF button
7	Autotest button	15	DC in connector
8	USB port		

Power Indications – Charger LED

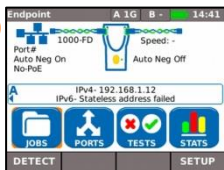
*Charger LED	Status
Green	Battery pack is charging
Off (with charger connected)	Battery pack is charged
Green flashing	Battery pack is not being charged

Power indications – on screen

	Full
	2/3
	1/3
	Empty
	Mains/on-charge

Four Ways to Navigate

1



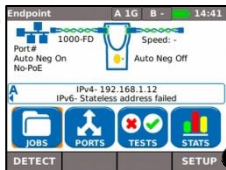
2



Escape - returns to previous screen

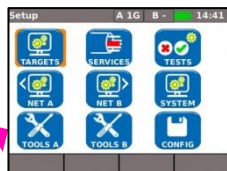
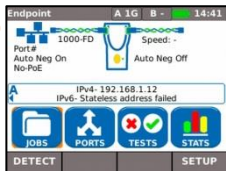
ENTER - accepts selection

3

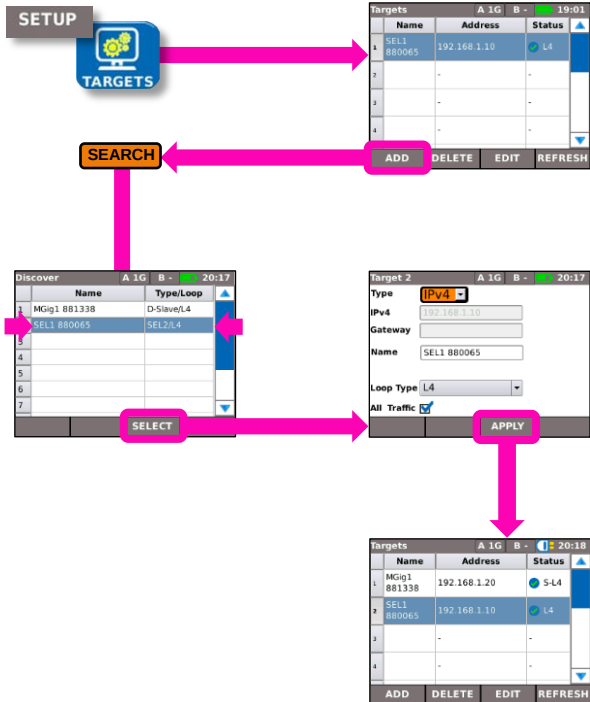


Touch Screen

4



Targets



Services

SETUP



Services 2 to 8 available on PLUS & PRO models only

Services		A -	B -	18:12
Service	Service Name			
1	S-1			
2	S-2			
3	S-3			
4	S-4			
5	S-5			
6	S-6			
7	S-7			

EDIT

IP A - B - 18:12

Source IPv4 Address

IPv4 Local Address

Destination IPv4 Address

IPv4 From Target Address

MORE APPLY

Service A - B - 18:12

Name S-1

Protocol UDP

IP v4- SRC:Local DST:From Target
v6- SRC:Local DST:From Target

MPLS Disabled

LLC/SNAP Disabled

VLAN Local

MAC SRC:UniPRO MGig2 DST:Target

IP A - B - 18:13

Source IPv6 Address

IPv6 Local Address

Destination IPv6 Address

IPv6 From Target Address

MORE

IP A - B - 18:13

COS Local

COS Type Type of Service

Precedence Route

Low Delay ☐

High Throughput ☐

High Reliability ☐

IPv6 Traffic Class Local

IPv6 Traffic Class

MORE APPLY

A: Setup: RFC2544 A - B - 21:48

Frame Size **Test BW Rate (Mb/s)**

64 ☒ Single Ended Loop

128 ☐ Min 0.1

256 ☐ Max 1000

512 ☒

1024 ☐

1280 ☐

1518 ☒

User ☐ User Size 1000

MORE **BIDIR**

A: Setup: RFC2544 A 1G B - 18:52

Subtests	Single Ended Loop
Throughput	☒ EDIT
Latency	☒ EDIT
Jitter	☒ EDIT
Frame Loss	☒ EDIT
Back to Back	☒ EDIT
System Recovery	☒ EDIT

MORE BIDIR

A: Setup: Throughput A 1G B - 18:52

Resolution (%)

Duration (s)

Max Frames Loss (%)

MORE APPLY

A:RFC2544 A 1G B - 18:53

Service S-1 

Target SEL1 880065

Direction Single Ended

Est. Duration 04:50:54 To 09:50:35

Status Ready

RUN MORE SETUP

A: Setup: Throughput A 1G B - 18:53

IR Limit

64	☒	700
128	☐	710
256	☐	720
512	☒	730
1024	☐	740
1280	☐	750
1518	☒	760
User	☐	770

APPLY

NetSAM



SLA-TICK



A:SLA-TICK A 1G B - 19:14

Target: SEL1 880065

Status: Ready

Time: 00:00:00

RUN MORE **SETUP**

Limits A 1G B - 19:14

Info Rate (Mb/s): 986.996

Free IR (Mb/s): 986.996

Bandwidth Rate (Mb/s): 999.999

Bandwidth Utilization: 100%

Frame Size: 1518

Pattern Data (Hex): All 0

MORE APPLY

A:Setup:SLA-TICK A 1G B - 19:14

Utilization

☒	S-1	100%
☐	S-2	0%
☐	S-3	0%
☐	S-4	0%
☐	S-5	0%
☐	S-6	0%
☐	S-7	0%
☐	S-8	0%

Target: SEL1 880065

Duration (hh:mm): 00:01

Used: 100%

MORE DELETE AUTO

Limits A 1G B - 19:14

Max Latency (us): ☒ 5000

Max Jitter (us): ☒ 100

Frame Loss Ratio: ☒ 0.005

Frame Loss Count: ☒ 0

Min Throughput (Mb/s): 0.1

SDT (ms): 10

MORE **APPLY**

A:SLA-TICK A 1G B - 19:14

Target: SEL1 880065

Status: Ready

Time: 00:00:00

RUN MORE SETUP

BERT



A:BERT A 1G B - 19:13

Target	SEL1 880065
Service	S-1
Pattern	PRBS ITU 2 ¹¹ -1
Layer	L4 (UDP)
Status	Ready
Last Sync Time	00:00:00
Total Sync Time	00:00:00 0%

Time
00:00:00

RUN MORE **SETUP**

A:Setup:BERT A 1G B - 19:13

Target	SEL1 880065
Service	S-1
Test Pattern	PRBS ITU 2 ¹¹ -1
Word	0000
Layer	Layer 4
Info Rate (Mb/s)	1
Frame Size	64

MORE APPLY

A:Setup:BERT A 1G B - 19:13

Duration	User
User Duration (hh:mm)	00:01
Error Limit	Ratio
Error Ratio	1 in 10
Absolute Error	5

MORE **APPLY**

A:BERT A 1G B - 19:13

Target	SEL1 880065
Service	S-1
Pattern	PRBS ITU 2 ¹¹ -1
Layer	L4 (UDP)
Status	Ready
Last Sync Time	00:00:00
Total Sync Time	00:00:00 0%

Time
00:00:00

RUN MORE SETUP