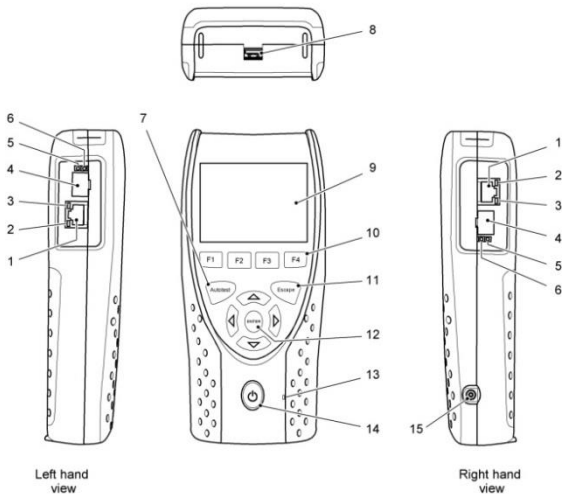


UniPRO MGig1



Quick Reference Guide
152800 Issue 2



Left hand view

Right hand view

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

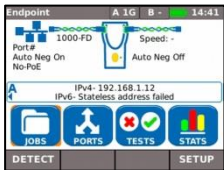
*Charger LED	Status
Green	Battery pack is charging
Off (with charger connected)	Battery pack is charged
Green flashing	Battery pack is not being charged

Power indications – on screen

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

Four Ways to Navigate

1



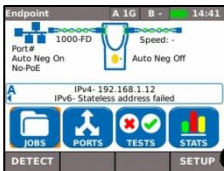
2



Escape - returns to previous screen

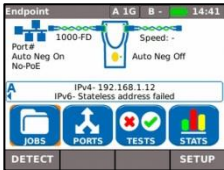
ENTER - accepts selection

3

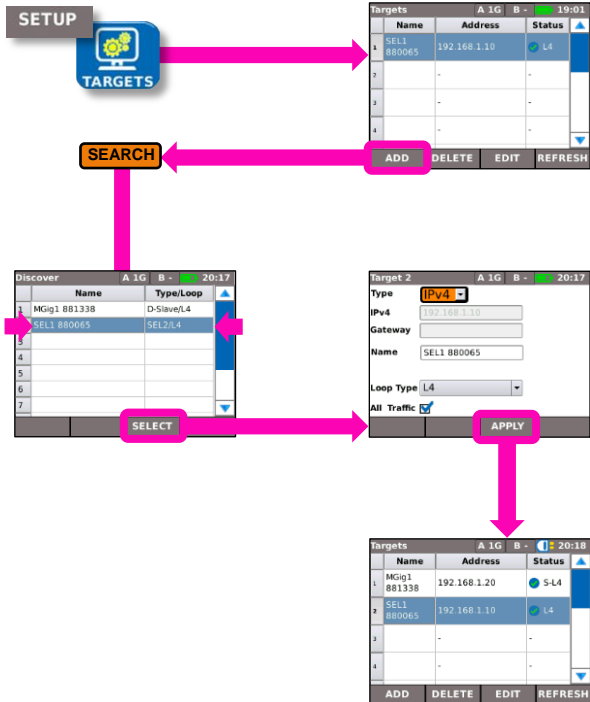


Touch Screen

4



Targets



Services



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

Services 2 to 8 available on PLUS & PRO models only

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**

RFC2544



SETUP

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

Target: SEL1 880065

Direction: Single Ended

Service: S-1

Pattern Data: 00000000

MORE PROFILE

A:Setup:RFC2544 A B - 21:48

Frame Size: 64 128 256 512 1024 1280 1518 User

Test BW Rate (Mb/s)

Single Ended Loop

Min: 0.1

Max: 1000

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: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 - 18:52

Resolution (%): 1

Duration (s): 5

Max Frames Loss (%): 0

MORE APPLY

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

IR Limit

64	<input checked="" type="checkbox"/>	700
128	<input type="checkbox"/>	710
256	<input type="checkbox"/>	720
512	<input checked="" type="checkbox"/>	730
1024	<input type="checkbox"/>	740
1280	<input type="checkbox"/>	750
1518	<input checked="" type="checkbox"/>	760
User	<input type="checkbox"/>	770

APPLY

NetSAM



SETUP

A:Setup:NetSAM A 1G B - 20:38

Target: SEL1 880065

Direction: Single Ended

MORE

A:Setup:NetSAM A 1G B - 20:39

Subtests

- A1 CIR EDIT
- A2 Step Load CIR
- B1 EIR Color EDIT
- B2 EIR Non Color
- C1 Police Color EDIT
- C2 Police Non Color
- Performance Test EDIT

MORE

A:Setup:NetSAM A 1G B - 20:39

Services

	M->S	S->M
S-1	<input checked="" type="checkbox"/> EDIT	<input type="checkbox"/> EDIT
S-2	<input type="checkbox"/> EDIT	<input type="checkbox"/> EDIT
S-3	<input type="checkbox"/> EDIT	<input type="checkbox"/> EDIT
S-4	<input type="checkbox"/> EDIT	<input type="checkbox"/> EDIT
S-5	<input type="checkbox"/> EDIT	<input type="checkbox"/> EDIT
S-6	<input type="checkbox"/> EDIT	<input type="checkbox"/> EDIT
S-7	<input type="checkbox"/> EDIT	<input type="checkbox"/> EDIT
S-8	<input type="checkbox"/> EDIT	<input type="checkbox"/> EDIT

MORE

A:NetSAM A 1G B - 20:39

Color Mode: IP

Green IP: 4

Yellow IP: 4

Green VLAN: 0

Yellow VLAN: 0

Green MPLS: 0

Yellow MPLS: 0

MORE APPLY

A:NetSAM A 1G B - 20:39

M->S Service 1 Setup

Frame Size	64	A 64
U Frame Size	512	B 128
EMIX Pattern	abcecg	C 256
MTU(bytes)	64	D 512
CIR(Mb/s)	30	E 1024
EIR(Mb/s)	1	F 1280
Pattern Data	00000000	G 1518
		H MTU
		U User

MORE APPLY

A:NetSAM A 1G B - 20:39

FLR (0.xxx) 0.003

FTD (us) 22

FDV (us) 11

Availability (xxx%) 95

MORE APPLY

A:NetSAM A 1G B - 20:40

Target: SEL1 880065

Direction: Single Ended

Status: Ready

Time: 00:00:00

RUN MORE SETUP

Escape

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

	Target
<input checked="" type="checkbox"/> S-1	100%
<input type="checkbox"/> S-2	0%
<input type="checkbox"/> S-3	0%
<input type="checkbox"/> S-4	0%
<input type="checkbox"/> S-5	0%
<input type="checkbox"/> S-6	0%
<input type="checkbox"/> S-7	0%
<input type="checkbox"/> 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			
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