Saving Test Results

Each DSL/IP test includes an Upload/Save Result tab to Upload & Save your test results using the existing in-band DSL or Ethernet connection made during the test; or you can **Save** your results to an internal memory file; or **Export** results to an HTML, MHTML, or XML report using a USB key.

To save, upload, or export results:



OR

Using the up/down arrow keys, select the parameters you want to edit and use the on-screen keyboard.

Select Result File to save your results to an existing File Name or Upload & Save your results via the following:

> the existing in-band DSL or Ethernet connection made during the test > an out-band upload connection (Wi-Fi or Ethernet) if enabled and the test is stopped

Select Save or Export buttons and press V to confirm your selection.

Identification Field	ds:			
User Name:				
User ID:				
Contractor Name:				
Test From:		NID		
Test To:		DSLAM		
Job ID:				
Customer Name:				
Circuit ID:				
Comments:				
Save Result:				
	Select Re	sult File]	
Result File Storag	e Location:	MT inter	mal me	emory
Result File Name:		MT_201	8-05-1	5 03-30-5
Out Uploa	-Band d & Save	Sav	re	
Export Report:				
Report File Storad	e Location:	USB		
Report Format:		MHTML		
Report File Name		MT 201	8-05-1	5 03-30-5
	Exp	ort		
	Press 🧹	to save		
Connection Upload/	Save			

Managing Saved Test Results

From the DSL Main pane, select Result Manager to do one of the following:

- > Result tab allows you to select a File Name and view the results from a list of files previously saved.
- > Upload tab allows you to upload the saved results to an FTP site or a USB. Here, you can also Delete selected XML files from the internal memory.
- **Export** tab allows you to select a **File Name** or **All** files previously saved and export the results in the following Report Format: HTML, MHTML, or XML.
- > Delete tab allows you to delete a selected File Name or All files saved in the MT internal memory only.

e Nar	ne		Test Da	ite T	ïm←	
r_Jul2	1_2015_	1249	2015-0	7-21	1	
Γ_Apr	07_2015	_1203	2015-04	4-07	1	
F_Oct	10_2014_	_1629	2015-03	3-31	1	
st_Ma	nual Test	:	2015-03	3-31	1	
F_Oct	10_2014_	_1528	2015-03	3-31	1	
F_Oct	10_2014_	_1552	2015-03	3-31	1	
F_Oct	10_2014_	_1611	2015-03	3-31	1	
F_Oct	10_2014_	_1621	2015-03	3-31	1	
Г_Мау	/29_2014	_1006	. 2015-03	3-31	1	
Г_Мау	/30_2014	_1225	. 2015-03	3-31	1	
F_May	/30_2014	_1309	. 2015-03	3-31	1	
Г_Мау	/30_2014	_1332	. 2015-03	3-31	1	
Γ_Maγ	/21_2014	_0856	. 2015-03	3-31	1	
Г_Мау	/23_2014	_1000	. 2015-03	3-31	1	
Г_Мау	/27_2014	_0928	. 2015-03	3-31	1	
Γ_May	/29_2014	_0911	. 2015-03	3-31	1	
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	Dama (
	Mess 🦳	to come ou	i or une list			
esuit	Ubload	Export				

Working with the Keypad



Charging the Battery

Plug in the power adaptor (9 V 1.66 A) and wait up to 5 hours to completely charge the battery or until the Battery Status displays 100 %.

To view the battery status:



From the Home pane, select System Settings and press

Select the Battery Info icon and press V. Battery Status indicates the current power level for the battery, as a percentage.

2 3

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MaxTester 630G G.fast/VDSL2/ADSL2+ Multi-play Test Set

EXFO's MAX-630G is the perfect tool for testing G.fast, VDSL2, and ADSL2+ broadband deployments up to 1 Gbit/s. The unit supports both GVXAA and GVXAB modems, can be used to install, troubleshoot, and validate in-home multi-play services.

Cable Connections



DSL Main Menu

- To access the DSL Main Menu:
- From Home, select DSL / IP Tests and press 🗸 to open the DSL Main menu page.
- Navigate to each icon using the up/down left/right arrow keys on the keypad.
- Press V to bring up the sub-menu of the selected icon:
- For Auto, Manual Test, or Ethernet Test, the test will start and the screen control will navigate to the results summary page.
- > Result Manager opens the previously saved test files to view, Upload, Export, and Delete results.
- > Test Configuration provides the utilities to setup test parameters.
- **Setup** provides the means to configure the modem power schemes and preset the unit with specific DSL measurement values
- Note: System Settings can be found on the Home pane and allow you to set the parameters of the unit.
- Note: If you have the touchscreen option, any reference to pushing buttons on the keypad can be replaced in most cases by clicking/tapping the touchscreen







System Settings

- **Display and Language** provides the setup for backlight, information on the title bar, language choice, and Touchscreen Calibration button if your unit has the touchscreen option. The **Remote Display** tab allows you to connect the MaxTester to your computer remotely.
- > Date and Time also sets the date, time, their formats, and time zone.
- > Battery Info displays battery status and power schemes including Power Save Mode
- > Software Options lists all the Configured Options present on the unit.
- ► Information shows hardware/software/product information.
- ► Upload Setup allows you to enable in-band DSL FTP upload or select an Out-band Upload Method (Wi-Fi or Ethernet). Requires FTPUPLD option.

Wi-Fi Test

The Wi-Fi Test activates a Wi-Fi scan, listing all available wireless networks with details for comparison. Details of the selected Network Name or SSID (service set IDentifier), the name assigned to a wireless network, include the Signal (RSSI) strength which displays one of the following levels with the table cell shown in the corresponding colour:

- ➤ No Signal (< -90/black)</p>
- ► Very Low (-90 to -82/red)
- ► Low (-81 to -72/red)
- ➤ Good (-71 to -68/orange)
- ➤ Very Good (-67 to -58/yellow)
- Excellent (> -58/green)

Use the Sort Channels/RSSI buttons to toggle the values by ascending and descendina.

> **Note:** With touchscreen, you can also sort the network names by clicking/tapping the column header.

To navigate to a Wi-Fi network and view the details:

Press 🗸 to get into the list

Press the up/down arrow keys to select a network and view its details below.

1 Helspoint OF2-01 v8 oct/b7: 43: 13: 25: 66 1 002.333:44:33:32: 66 002.333:44:33:32: 67 1 DF70 Public WF1 002.333:44:33:33: 67 3 Tal 00:1ex7:4b:36:01 6 DF70 Public WF1 002.33:34:43:34: 67 6 DF70 Public WF1 00:23:35:46:36:47 6 DF70 Public WF1 00:23:35:47:86:46 7 1 00:23:35:47:86:46 7 DF70 Public WF1 00:23:37:47:86:74 7 D 00:23:37:47:86:74 7 D 00:23:37:47:86:74 7 D 00:23:37:47:86:74 8 Sort Channels Sort RSSI 11 00:23:37:47:86:74 12 Octrock Liame Heltoork Liame Heltopot Sort Channels Sort RSSI VD Doron Cancel	Chan.	Network Na	me	MAC Ad	idress	RSSI	1
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Display and Language

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Date and Time

Software

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Configuring Tests

To setup an AutoTest, Manual Test, or Ethernet Test:



Select **Profile Details** and press 2



- You can configure the test parameters from the setup fields found on the following tabs: Connection Setup, Thresholds, LAN Setup.
- From the Select Tests tab, Enable/Disable the optional sub-tests. When 5 Access Mode is set to IPv6 (DHCP), Ping is the only test available.
- Select the **Test Setup** tab to configure the following sub-tests (when 6 highlighted): VoIP Test, IPTV Test, Ping, FTP, HTTP, Throughput Test, Traceroute, Web Browser Test.

To change or create a new profile:

At power up, settings are read from the last loaded profile. If any changes are made to the parameter values, you can save them to an existing or new profile.

On any test setup screen, scroll through and set the options using the up/down and left/right arrow keys; OR

Press \checkmark on any value to open a list box of options.

Press from any setup screen to display the dialogue box asking you to confirm and save changes using the following buttons:

- **Save** to current profile.
- > Save as displays a New profile name alphanumeric editor screen.
- > No does not save any changes to the profile, closes the dialogue box, and returns to Profile Details sub menu.
- > Cancel closes the dialogue box and returns to the setup screen.

To select a profile:

From the DSL Main pane, select Test Configuration and press 🗸 .

displayed in a list box

Choose Select Profile and press V. A list of available profiles is



est Interface:			
🧹 G	.Fast		
DSI Transport	PTM		
ccess Mode:	Bridged		
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who Timeout Period:	5 min		
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VDSL2-STGR Bon IPTV STGR ON IPTV STGR QC Bridge DHCP	ding	















Running Tests

To run a test:

From the DSL Main pane, select the desired test icon and press V. The test automatically runs. In the desired test, you can also press the Start/Stop key to run the test.

Viewing Test Results

Once a test has run, the results obtained are displayed on the screen. Select the following tabs to view pass/fail status and results details:

Connection Summary includes:

(for Auto and Manual Test) Profile, Sync Time, Line Status, Operation Mode, and upstream/downstream SNR and Max Bitrate. You can select a new Profile from within the test results. If optional Bonding on unit, data for pair 1 and pair 2 is displayed.

(for Ethernet) WAN/LAN Port Line Status/Link Speed/Connect Mode, and Received/Transmitted Total Bytes/Packets/Ethernet Errors.

> WAN Status shows connection status of the wide area network. In Manual Test, you can also select which triple-play test you want to run or view.

- ► LAN Status shows connection status of the local area network.
- ► If optional VoIP Test is on the unit:
 - VoIP Call allows you to place and receive VoIP calls, and displays Call Information such as the VoIP Status, number and Codec the call is connected to, duration, and the pass/fail status of the test/call.

VoIP Summary displays measurement details of the different parameters including MOS, R-Factor, Latency, Jitter, and Packets.

► If optional **IPTV Test** is on the unit:

Join Leave lists IPTV channels from the alias table and measured Zap time. IPTV Summary displays test results of the IPTV streams, Join/Leave, and Channel Analysis.

> DSL Param Details include Downstream/Upstream results for Data rates, SNR, Attenuation, Capacity, Output Power, Latency, Interleave Delay/Depth, INP, Bitswap, Trellis, Phy-R, and GINP.

DSL Statistics include **DSL Counters**, transfer mode statistics including **KL0** and EWL, Rate Adaptation, and Vector State with Performance Counters. ► Band Information includes Down/Upstream results for SNR Margin,

Loop/Signal Attenuation Output Power and KL0

► Loop Diagnostics displays Down/Upstream SNR/ATTN (HLog)/QLN/ALN per Tone results in graphical format.

> Data Tests Summary displays results for Ping, Trace Route, FTP, and HTTP; and the enabled optional data tests including VoIP, IPTV, Throughput, and Web Browser.

When IPv6 (DHCP) is set as the Access Mode in Connection Setup, only Ping Test is displayed. Throughput Test implements the iPerf3 or Ookla¹ tool for active measurements of the maximum achievable bandwidth on IP networks.

Note: Ookla Privacy Policy: http://www.speedtest.net/privacy

You, end user, understand and acknowledge, by performing the test contained in the Speedtest Powered Software Application, that Ookla, LLC may collect your IP address during the test and share it with selected third parties.

1.Ookla is a third party provider. The Ookla Speedtest Powered technology involves Ookla owned and/or controlled servers that may or may not be within your network. Ookla retains the right to aggregate test results and to monetize aggregated results as they see fit.

