INSTALLING AND REMOVING A MODULE IN THE 6000A V2 PLATFORM

The 6000A V2 Platform must be switched off and, if operating on mains, its supply cable must be unplugged.

Installing a plug-in into a module carrier

1. Slide the plug-in into its slot
2. When the plug-in is fully home, press firmly on the screen-printed face of the plug-in while tightening the clamping screws. The screen-printed face of the plug-in must be flush with that of the receptacle.
3. Make sure that the two large captive screws of the plug-in are screwed fully home

Removing a plug-in from a module carrier

1. Unscrew the 2 captive screws of the plug-in completely (up to the stop).
2. Carefully slide the module out of its slot.

BATTERY MANAGEMENT

The battery supplied with the Platform must be fully charged before use.

The instructions below apply to the removable Lithium Ion (LiIon) battery inside the module pack (reference: E6100 or E6200).

Access to the battery

1. Switch off the instrument and disconnect the mains supply.
2. Turn the instrument face down on the work surface.
3. Slacken the two captive screws at the bottom of the instrument with a coin & unscrew them.
4. Remove the cover of the battery pack.

   The battery can then be removed, taking care not to damage the connectors into which it is plugged

When putting the battery back into its seating, make sure that its connector engages correctly with the one of the module pack. Then fit the cover back and lock the two screws.

Charging the battery

Use only the mains adapter supplied with the 6000A V2 Platform. The adapter for some other electronic device may appear to be identical, but entails a risk of damage to the equipment.

Connecting the mains adapter

1. At the top of the 6000A V2 Platform , lift up the power supply socket protector and plug in the mains adapter.
2. Connect the adapter to the mains.

   The **On** indicator lamp starts blinking.

Charging

If the instrument is fitted with a battery, on connection to the mains:

- if the user does not press the **On** key, the battery will go on to charge. In this case, the **Charge** indicator will be lit.
- if the user presses the **On** key, the instrument starts up and the battery will be charged during use.

Once the battery is fully charged, the **Charge** indicator is lit.

It is essential to wait until charging is complete to ensure maximum independent operating time, which may otherwise be considerably reduced

TECHNICAL ASSISTANCE

If you require technical assistance, call 1-844-GO-VIAVI. For the latest TAC information, go to http://www.viavisolutions.com/en/services-and-support/support/technical-assistance.

6000A V2 PLATFORM GETTING STARTED MANUAL

USER INTERFACE

The 6000A V2 Platform includes the controls and display needed for measurement analysis.

1. On/Off Start / Stop the 6000A V2 Platform.	**2. On Indicator** Lit in fix green when the Platform is turned on; in blinking green when the Platform is turned off and connected to mains.
3. Charge Indicator Lit in fix green when charging is in progress. Not lit if battery is fully charged.	**4. Screen** 8 inch TFT color touchscreen, high visibility (optimized for outdoor use)
5. Testing indicator Lit in blinking red during a test/acquisition.	**6. Start/Stop** (depends of the active function) Launch the acquisition.
7. Results Calls up the **Results** page & is used to analyze results.	**8. Direction keys** (depends of the active function) Move the cursors; modify zoom on results page; scroll through the menu in setup pages; validate a selection.
9. Setup (depends of the active function) Calls up the measurement configuration menu.	**10. File** Calls up the file/directory management menu, used to store files, change the storage media...
11. Export Print a measurement report or a screenshot from a results page in jpg, png or pdf format.	**12. Home** Give access to the configuration menus: of the instrument (choice of module(s)); of the system (date, time…). Press **System Settings** to configure the Platform.

SAFETY RECOMMENDATIONS

Laser safety (when optical options are provided)

The provisions contained in two standards define the safety procedures to be observed both by users and manufacturers when utilizing laser products:

- EN 60825-1: 2001 - Safety of laser products – Part 1: Classification of products, requirements and user guidelines.
- FDA 21 CFR § 1040.10 - Performance standards for light-emitting products - Laser product

Due to the range of possible wavelengths, power values and injection characteristics of a laser beam, the risks inherent in its usage vary.

The laser classes form groups representing different safety thresholds.

- Talkset option: Laser Class 1
- VFL option: Laser Class 2

Due to the reduced dimensions of the optical modules, it is not possible to attach the required warning labels to them. In line with the provisions of Article 5.1 of the EN 60825-1 standard, the laser class identification labels are shown below:

Ref. standard	EN 60825-1, Edition 1.2, 2001-08	FDA21CFR§1040.10
Class 1	CLASS 1 LASER PRODUCT	
Class 2	LASER INFORMATION DO NOT STARE INTO BEAM CLASS 2 LASER PRODUCT	CAUTION LASER RADIATION - DO NOT STARE INTO BEAM CLASS 2 LASER PRODUCT

The user must take the necessary precautions concerning the optical outputs of the instrument and follow the manufacturer's instructions.

Measurements on optical fibers are difficult to execute and the precision of the results obtained depends largely on the precautions taken by users.

AC/DC Safety

In conformance with the recommendations of standard EN 61010, the 6000A V2 Platform should be operated within the manufacturer's guidelines. Failure to do so may compromise the protection offered by the instruments design.

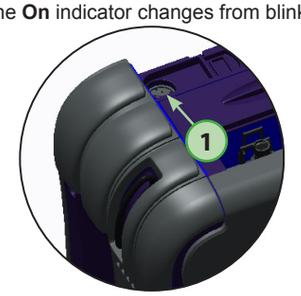
Do not use any mains adaptor or battery other than those supplied with the instrument, or supplied by Viavi as an option for this instrument.

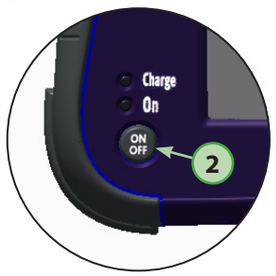
- The 6000A V2 Platform uses one Lithium ion (LiIon) rechargeable battery and a lithium coin-cell. This is a long-life battery, and it's possible that you will never need to replace it. However, should you need to replace it, refer to your system documentation for instructions.
- Do not dispose of the battery/coin-cell along with household waste. Contact your local waste disposal agency for the address of the nearest battery/coin-cell deposit site.

SWITCHING ON / OFF THE 6000A V2 PLATFORM

Switching on the 6000A V2 Platform

1. If the Platform is to be used on mains, first plug the mains adapters into the Platform.
   The **On** indicator blinks in green
2. Press the **On/Off** key, whether the Platform is working on mains or on battery.
   The **On** indicator changes from blinking to solid green.





The instrument is ready to be used once the **Home**, **File** or **Results** page (of the activated function, at the previous start) is displayed.

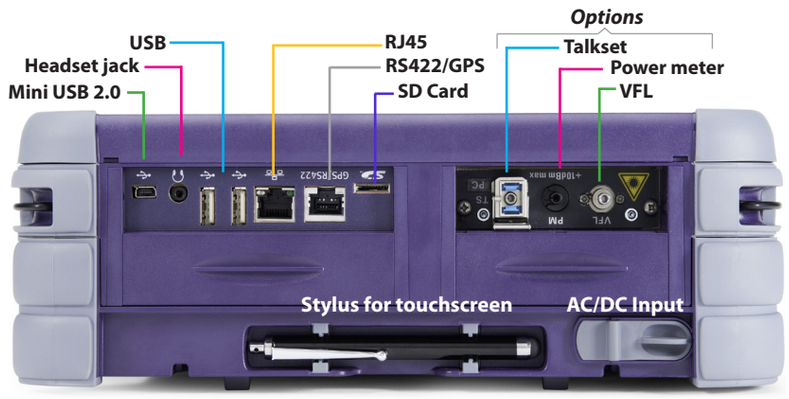
Switching off the 6000A V2 Platform

1. To switch off the Platform, press the **On/Off** key.
   Wait for the **On** indicator to blink in green before disconnecting the mains.

It is possible to switch over from battery to mains operation, or vice versa, without loss of data.

TOP PANEL INPUTS / OUTPUTS

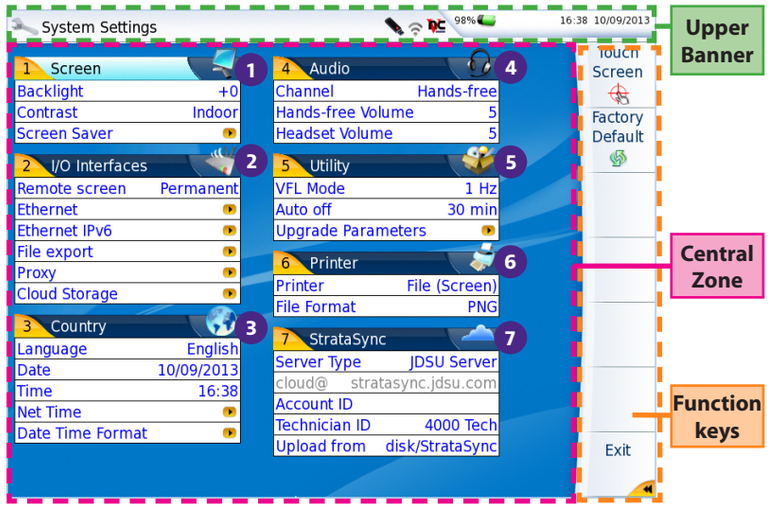
The upper panel contains, from left to right, the following elements:



CONFIGURING THE UNIT

When the 6000A V2 Platform is to be used for the first time, or before a measurement campaign is started, the unit parameters must be configured.

To call up this configuration menu, press **Home**, then the menu key **System Setup**.



	1 Screen	Allows configuration of the display: backlight, contrast, screen saver…
	2 I/O Interfaces	Allows configuration of the communication interfaces between the 6000A V2 Platform and a PC and the configuration of the Bluetooth option (if installed)
	3 Country	Allows configuration of the language to be used and the date / time
	4 Audio	Allows configuration of the Audio parameters, when the Talkset option is used
	5 Utility	Allows configuration of the options: VFL, automatic shutdown and upgrade parameters
	6 Printer	Allows configuration of the printing function (screenshot / report)
	7 Stratasync	Allows configuration of the Platform when it must be used with the Stratasync application
Menu keys	**Touch Screen**	Allows the touch screen to be calibrated, when the option is available on the Platform.
	Factory Default	Allows the system to be configured with the original parameters set by default in the factory.

The display is divided into 3 zones:

A. Upper banner

Display different icons according to the commands activated.

100% Battery charge level	Date and time synchronisation activated
Platform connected to mains but battery charge inferior to 100%	Platform connected to mains and battery fully charged
Print in progress	Data saving in progress
VNC activated	USB key ready to be used
Talkset (Datalink) active	Talkset (Optical Telephone) active
VFL active	Cloud storage connection active
Connection to Stratasync in progress	3G active
Bluetooth installed but not active	WIFI installed but not active
Bluetooth activated	WIFI activated

When the 6000A V2 Platform screen is exported on a remote PC, via a VNC window, click with the mouse on the upper banner on the PC screen to display a virtual control buttons bar for a few seconds.

Click on one of the buttons of this bar to get exactly the same result as when using the buttons on the front panel of the Platform.

B. Central Zone

Display the configuration or the results of measurements. The display depends on the release software installed.

C. Function keys

At the right side, tactile function keys. The keys are different according to the function selected and the release software installed.

VALIDATING A MEASUREMENT FUNCTION

To configure the unit, proceed as follows:

1. Press the **Home** button.
   The functions available are represented graphically by icons:

To validate a measurement function

1. Click on the icon representing the function to be validated.
   The icon is framed in white 

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2. Press another time on the icon to confirm the selection.
   The icon turns yellow and is outlined with a white frame 

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To devalidate a measurement function

1. Click on the icon representing the function to be devalidated.
   The icon is yellow and framed in white.
2. Press the validation key to confirm the deselection.
   The icon is framed in white .