



OPERATOR'S MANUAL

FN ELITY® Lite



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NOTE

The descriptions and illustrations in this Operator's Manual may differ slightly from the present configuration of the product. This reflects the constant evolution of the product during its industrial life.

Data in this manual is technical only and of no contractual value.

NOTE

A vertical line to the left of a paragraph, an illustration, a table,... indicates that it has been (partially) changed compared to the previous version.

WARNINGS, CAUTIONS AND NOTES

Three types of safety terms are used to attract your attention. The meaning of each safety term is described below:

WARNING

Risk of serious injuries or significant damage to the material.

CAUTION

Risk of performance loss or minor damage to the material.

NOTE

No physical or material risk.

1. SAFETY INFORMATION

Before any intervention on the FN ELITY® Lite , ensure to be familiar with the safety information given in this chapter and with the safety checks outlined in this manual.

VISIBLE AND INVISIBLE LASER RADIATION

AVOID EXPOSURE TO BEAM

CLASS 3B LASER PRODUCT

VISIBLE POINTER: <50mW 520nm CW

INFRARED POINTER: <50mW 850nm CW

INFRARED ILLUMINATOR: <100mW 830nm CW

EN 60825-1:2014

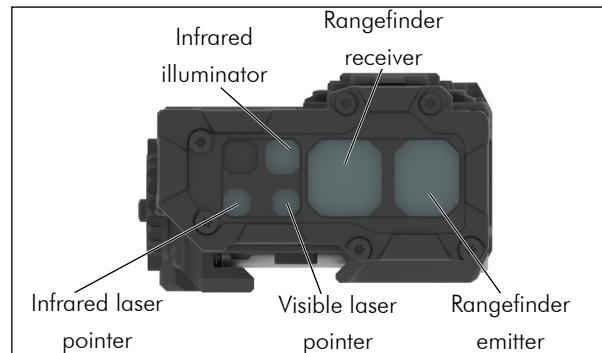


Fig. 1.a - Laser aperture locations of the FN ELITY® Lite

WARNING

Ensure that the safety measures of the host weapon(s) (e.g. sniper rifle) have been applied (see corresponding operator's manual).

Always handle the FN ELITY® Lite as a potentially hazardous laser device, even though you are certain the device is turned off and/or restricted to the low power pointers.

Never look directly into the LASER apertures and never point the LASER beam at the eyes.

Never point the LASER beam at mirrors or reflective surfaces.

Never point the LASER beam at flammable surfaces.

Never point the LASER beam at the skin.

Do not dismantle the FN ELITY® Lite. Operators are only allowed to replace the battery, clean the battery compartment, and clean the outer surfaces.

Do not store the FN ELITY® Lite with a battery in the battery compartment.

CAUTION

Do not over-adjust the windage or elevation screws on the FN ELITY® Lite.

Do not attempt to recharge the battery.

Do not use rechargeable batteries.

Do not dispose of the battery in a fire.

1.1. Laser safety

WARNING

Every laser product, even of the Class 1, is considered potentially hazardous for the eyes directly in the axis of the laser beam. Medium and high power lasers are potentially dangerous, as they can burn the retina or even the skin. This chapter defines the distances to be kept from the laser source to avoid any danger.

NOTE

The NOHD for unaided eye exposure, the extended NOHD and NSHD of Class 1 is zero; only Class 3B is detailed.

MPE

The level of laser radiation to which a person may be exposed without hazardous effect or adverse biological changes in the eye or skin.

NOHD

This distance represents the range (viewing distance) at which, under ideal conditions, the irradiance and the radiant exposure fall below the appropriate MPE.

E-NOHD

NOHD for binocular viewing condition. For this calculation the binocular magnification and the objective lens diameter should be known. Assuming 8 x 50 binoculars are used, the pupil exit diameter is 6.25 mm.

NSHD

The distance at which beam irradiance falls below 200mW/cm². Persons operating inside this range from the laser and who are accidentally exposed, could experience detectable skin damage.

MPE visible pointer (0.25s) *	25,4 W/m ²
MPE visible pointer (>10s) **	10 W/m ²
MPE infrared pointer (>10s)	20 W/m ²
MPE infrared illuminator (>10s)	18,2 W/m ²
Skin hazard Exposure limit (>10s)	2000 [W/m ²]

	NOHD [m] (<0.25s)	NOHD [m] (>10s)	E-NOHD [m] (<0.25s) (8x50mm optics)	E-NOHD [m] (>10s) (8x50mm optics)	NSHD [m]
Visible pointer	135	220	1136	1816	8
Infrared pointer	Not applicable	153	Not applicable	1282	8
Infrared illuminator	Not applicable	27	Not applicable	222	2
Infrared pointer + Infrared illuminator	Not applicable	155.4	Not applicable	1301	8.3
Conclusion	FN ELITY® Lite is safe at distance over 155.4 meters when no optical aids are used for viewing.		FN ELITY® Lite may not be eye-safe when viewed with binoculars (50 mm objective lens with magnification of 8) at range closer than 1816 meters.		FN ELITY® Lite is safe at distance over 8.3 meters.

* 0.25 seconds = blink reflex

** >10 seconds = deliberately staring the laser source

2. TECHNICAL INFORMATION

2.1. Abbreviations

Cat n°	Catalog number
E-NOHD	Extended NOHD
HIR	High Infrared (Pointer)
HIRD	High Infrared Dual (pointer and flood)
HIRF	High Infrared Flood
HVP	High Visible Pointer
IP	Ingress Protection
IR	Infrared (Pointer)
IRD	Infrared Dual (pointer and flood)
LRF	Laser Range Finder
MPE	Maximum Permissible Exposure
MPI	Mean Point of Impact
MRAD	Milliradian
NATO	North Atlantic Treaty Organisation
Nm	Newton meter
NOHD	Nominal Ocular Hazard Distance
NSHD	Nominal Skin Hazard Distance
OLED	Organic Light Emitting Diode
Qty	Quantity
UT	Universal Tool
VP	Visible Pointer

2.2. Description of the FN ELITY® Lite

The FN ELITY® Lite is a compact high performance laser range finder with visible and IR laser pointers integrated a variable IR illuminator.

The FN ELITY® Lite aids in quick and accurate range-to-target determination and replaces all other pointer accessories.

The FN ELITY® Lite uses an advanced LRF which can measure a human-size target at distances up to 1,750 m without having to change the firing position.

The FN ELITY® Lite is equipped with an OLED display, which provides relevant information visible in the most difficult weather and light conditions.

The FN ELITY® Lite can be connected via Bluetooth® to a weather station to fetch environmental data.

The FN ELITY® Lite has a quick and secure mounting system which is compatible with Picatinny type rails.

The FN ELITY® Lite is powered by a single CR123A battery.

2.3. Nomenclature

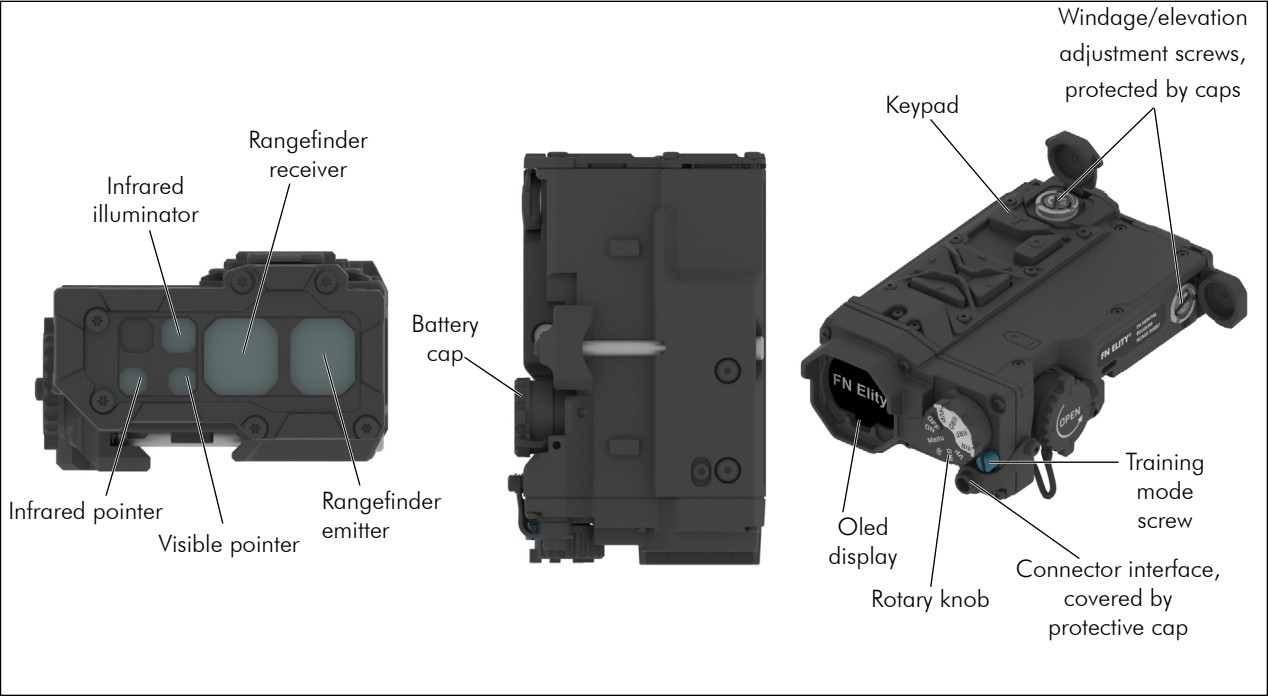


Fig. 2.a - FN ELITY® Lite

2.3. Nomenclature (continued)

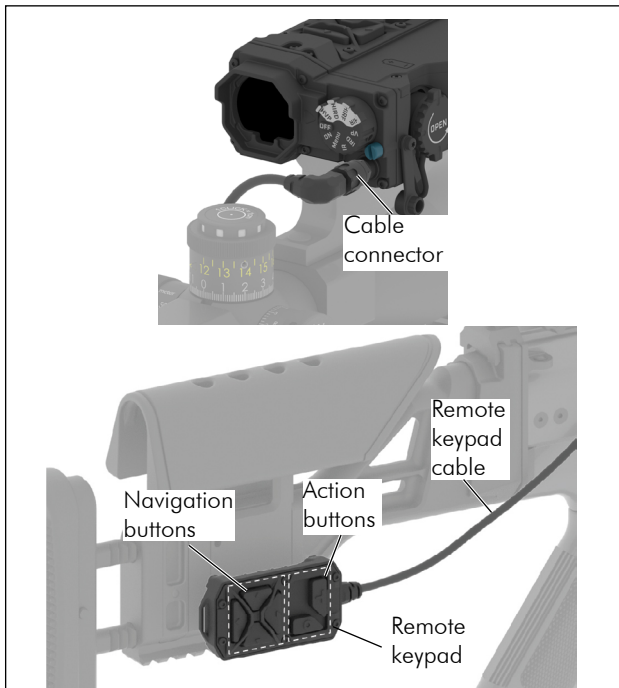


Fig. 2.b - Remote keypad (wired)

2.4. Technical specifications

Mechanical	
Width:	± 76 mm
Length:	± 123 mm
Height:	± 44 mm
Weight:	± 400 g
Battery:	1 x CR123A
IP Protection:	IP68
Operating temperature:	-33°C to +63°C Temperature limits for using the visible pointer: -33°C to +50°C
Storage temperature: (without battery)	-40°C to +71°C
Zeroing	
Vertical step size:	0.25 mrad
Vertical range:	± 14 mrad
Horizontal step size:	0.33 mrad
Horizontal range:	± 14 mrad

Laser	
Visible Pointer wavelength:	520 nm
Visible Pointer power:	Low: class 1 (operating mode: VP) High: class 3B (operating mode: HVP)
IR Pointer wavelength:	850 nm
IR Pointer power:	Low: class 1 (operating modes: IR & IRD) High: class 3B (operating modes: HIR & HIRD)
IR Flood/Illuminator wavelength:	830 nm
IR Flood/Illuminator power:	Low: class 1 (operating mode: IRD) High: class 3B (operating modes: HIRF & HIRD)
IR Flood/Illuminator divergence:	3 mrad to 90 mrad

Range finder	
LRF wavelength:	1550 nm
LRF power:	Class 1
Range:	Human size target (30% reflectivity): 1750 m Vehicle size NATO target (30% reflectivity): 2200 m
Precision:	< 1 m
Measurement time:	0.4 - 2 s
Miscellaneous	
Communication:	Wired or wireless (Bluetooth®)
Display type:	Monochrome 160 x 136 pixels Night vision compatible Brightness adjustment (automatic or manual)

3. CONTROLS

WARNING

Before any intervention on the FN ELITY® Lite, ensure to be familiar with the safety information given in Chapter 1 and double-check that the safety measures of the host weapon(s) (e.g. sniper rifle) have been applied (see corresponding operator’s manual).

3.1. Selecting an operating mode

To select an operating mode, align the label of the required operating mode on the rotary knob with the arrow to the left of the rotary knob.

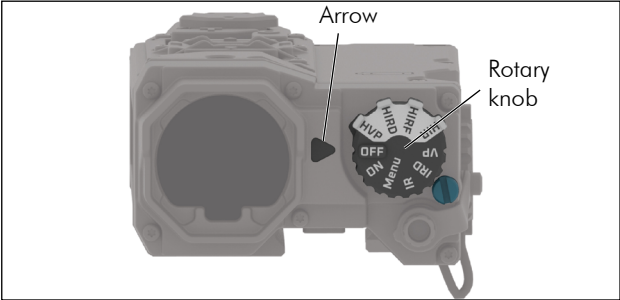


Fig. 3.a - Rotary knob and arrow

The operating modes with a pointer either use the low or the high power laser. Only the low power lasers are eye-safe.

Settings of the rotary knob		
Mode	Eye-safe?	Description
OFF	YES	FN ELITY® Lite is turned off.
ON	YES	Only LRF can be activated.
MENU	YES	Opens the main menu items. No pointer or LRF can be activated.
IR	YES	Low power IR pointer and/or LRF can be activated.
IRD	YES	Low power IR pointer and illuminator and/or LRF can be activated.
VP	YES	Low power visible pointer and/or LRF can be activated.
HIR	NO	High power IR pointer and/or LRF can be activated.
HIRF	NO	High power IR illuminator and/or LRF can be activated.
HIRD	NO	High power IR pointer and illuminator and/or LRF can be activated.
HVP	NO	High power visible pointer and/or LRF can be activated.

The blue training mode screw blocks mechanically access to high power lasers for training purposes.

NOTE

The storage compartment for the training mode screw is below the battery cap, on the right side of the FN ELITY® Lite.



Training mode screw in storage compartment

To store the training mode screw you need to open the battery cap. This will disconnect the battery of the FN ELITY® Lite.

The software limitation between the low and high power laser is the Safe mode setting. It can be enabled in the Pointer submenu, under Front optics, in the System menu (see § 4.2).

When an operating mode is selected, the selected mode is shown on the OLED display.

The description includes the name of the operating mode and, if applicable, the power of the laser and icons that represent the pointer and/or illuminator.

Lower power icons have white letters on a black background.

High power icons have black letters on a white background.



Icon	Description
IR	Infrared
IL	Illuminator/flood
VI	Visible

3.2. Navigation buttons

The navigation buttons of the keypad on top of the FN ELITY® Lite or on the remote keypad (wired and wireless) are primarily used to navigate the menus and to adjust and confirm values.

NOTE

The layout of the navigation buttons is identical for the keypad on the FN ELITY® Lite and the remote keypad (wired and wireless).

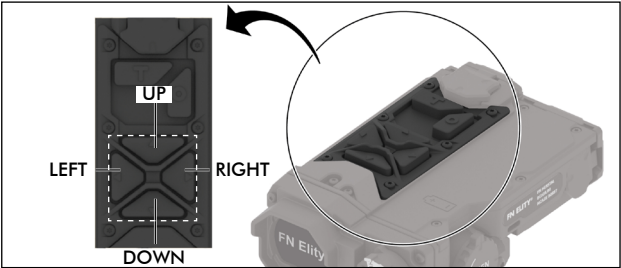


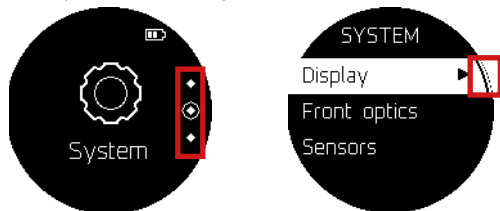
Fig. 3.b - Navigation buttons

Navigation buttons	
Arrow	Description
▲	Scroll up in the menu or increase data value.
▼	Scroll down in the menu or decrease data value.
▶	Enter a submenu or enter editing mode.
◀	Exit a submenu or exit editing mode.

3.2.1. Navigate menus and modify data

Scroll through the menus with the **UP** and **DOWN** buttons, and, if applicable, enter and exit submenus with the **RIGHT** and **LEFT** buttons respectively.

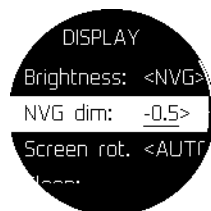
In graphical menus, the dots at the right of the display represent the amount of available submenu items and an indication of which one is currently active. In text menus, the dots are replaced with a right border line.



When scrolling through the submenu items with the **UP** and **DOWN** buttons, the submenu item in focus is highlighted.

To edit a value, enter edit mode by pressing the **RIGHT** button. When edit mode is active, the value is underlined or highlighted.

Once in edit mode, to change the value, press the **UP** or **DOWN** buttons.



When the required value is entered, press the **LEFT** button to validate the change. In the result screen, the previously described instructions and descriptions are also applicable for some data modifications, such as wind speed or wind direction.

3.3. Action buttons

The action buttons of the keypad on top of the FN ELITY® Lite or on the remote keypad (wired and wireless) are primarily used to activate the LRF, the pointer, and the illuminator according to the operating mode.

NOTE

The layout of the action buttons is identical for the keypad on the FN ELITY® Lite and the remote keypad (wired and wireless).

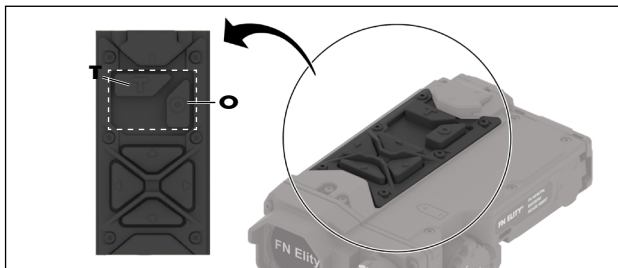


Fig. 3.c - Action buttons

Action buttons	
Button	Description
T	Activate LRF (see § 8.2).
O	Activate pointer and/or illuminator (see § 8.3).

4. MAIN MENU

WARNING

Before any intervention on the FN ELITY® Lite, ensure to be familiar with the safety information given in Chapter 1 and double-check that the safety measures of the host weapon(s) (e.g. sniper rifle) have been applied (see corresponding operator's manual).

NOTE

See § 3.1 for instructions on how to select the operating mode.

See § 3.2 for instructions on how to navigate the menus and edit values.

To access the main menu of the FN ELITY® Lite, set the operating mode to **Menu**.

The main submenu items are:

- Bluetooth
- System
- Info

4.1. Bluetooth



In Bluetooth, the following can be adjusted:

Submenu	Options	Description
Bluetooth	Status	Enable/disable Bluetooth®
	Power	Select the Bluetooth® emission power level (low, normal or high)
	Remote	Pair/unpair wireless remote keypad

4.2. System



In System, the following can be adjusted:

Submenu	Options	Description
System	Display	Configure the OLED display (brightness, NVG, orientation, sleep mode)
	Front optics	Configure the LRF (gating, continuous mode), pointer (safe mode) and flood (divergence, change mode, power)
	Sensors	Configure the sensor source (INT, EXT, MAN) and the internal compass
	Default units	Select metric or english/imperial unit system
	Help	Check device status or perform a factory reset

4.3. Info



In Info, the following information can be consulted:

Submenu	Options	Description
Info	Serial Number	S/N of the device
	MAC Address	Bluetooth® address
	UUID	Unique ID of the processor
	Firmware version	FW version (and update function)

5. INSTALLATION OF THE FN ELITY® LITE

WARNING

Before any intervention on the FN ELITY® Lite, ensure to be familiar with the safety information given in Chapter 1 and double-check that the safety measures of the host weapon(s) (e.g. sniper rifle) have been applied (see corresponding operator's manual).

5.1. Safety checks

Carry out the following procedure to ensure that the FN ELITY® Lite can be manipulated and/or transported without any risk.

- Point the FN ELITY® Lite in a safe direction.
- Set the operating mode to **OFF** (see § 3.1).
- If the training mode screw is not already in place, install the training mode screw to restrict the FN ELITY® Lite to the low power pointers.

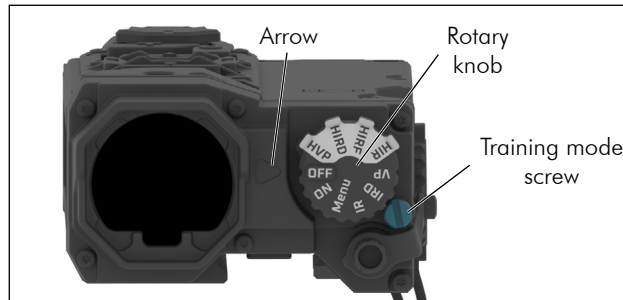


Fig. 5.a - FN ELITY® Lite turned off and with training mode screw installed.

- If not already done, disconnect the remote keypad cable as described in § 5.5.
- When storing the FN ELITY® Lite, also remove the battery as described in § 5.2.

5.2. Installing the battery

WARNING

Always remove the battery from the FN ELITY® Lite when in storage.

CAUTION

If the O-ring on the battery cap is damaged or showing signs of wear, replace the battery cap, including the O-ring. Before installing, inspect the battery for external damage or leaks.

Install or replace the battery in a sheltered location to avoid water and dirt in the battery compartment.

- Push and turn the battery cap counterclockwise to open it (bayonet catch).
- Install the CR123A battery into the battery compartment with the positive end first.

NOTE

A symbol with the correct orientation is available next to the battery compartment.

Incorrect installation of the battery will not cause any damage to the FN ELITY® Lite.

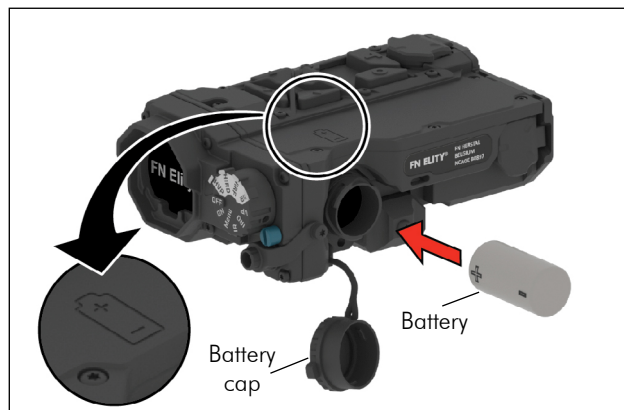


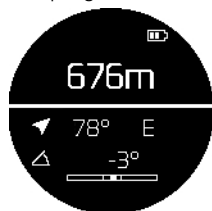
Fig. 5.b - Installation of the CR123A battery

5.2. Installing the battery (continued)

Push and turn the battery cap clockwise until it is secure (bayonet catch).

NOTE

When the FN ELITY® Lite is turned on, the battery level is shown in the top right of the OLED display.



NOTE

To remove the battery, open the battery cap, take the battery out of the battery compartment, and close the battery cap again.

5.3. Mounting the FN ELITY® Lite

WARNING

Prior to mounting the FN ELITY® Lite, ensure that the host weapon is UNLOADED and SAFE (see corresponding operator's manual).

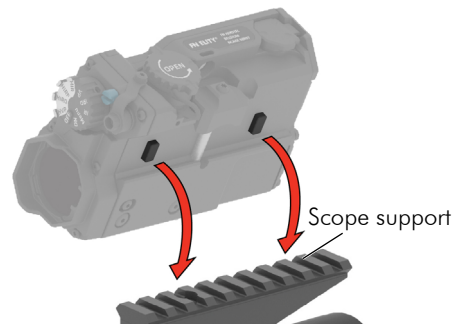
CAUTION

Avoid mounting the FN ELITY® Lite on plastic side rails. The attachment is not as tight as on metal rails and the zero retention is not guaranteed.

NOTE

To mount the FN ELITY® Lite, a Picatinny type rail with at least 7 free slots is required.

The recommended mounting location for the FN ELITY® Lite is on top of the scope support.



5.3. Mounting the FN ELITY® Lite (continued)

- (1) Position the FN ELITY® Lite on the top rail of the host weapon, on the top of the scope support, or on a side rail. Make sure the 2 lugs at the bottom of FN ELITY® Lite are seated inside a slot on the rail.

NOTE

By default the orientation of the OLED display will adapt according to the mounting position.

- (2) Push the FN ELITY® Lite as much as possible to the front to close the gap between the slots. This will reduce the relative movement during the shootings.
- (3) From the left side of the FN ELITY® Lite, tighten the bottom screw with a T20 torx screwdriver.

CAUTION

Recommended torque value for fixing the FN ELITY® Lite on the rail : 4 Nm.

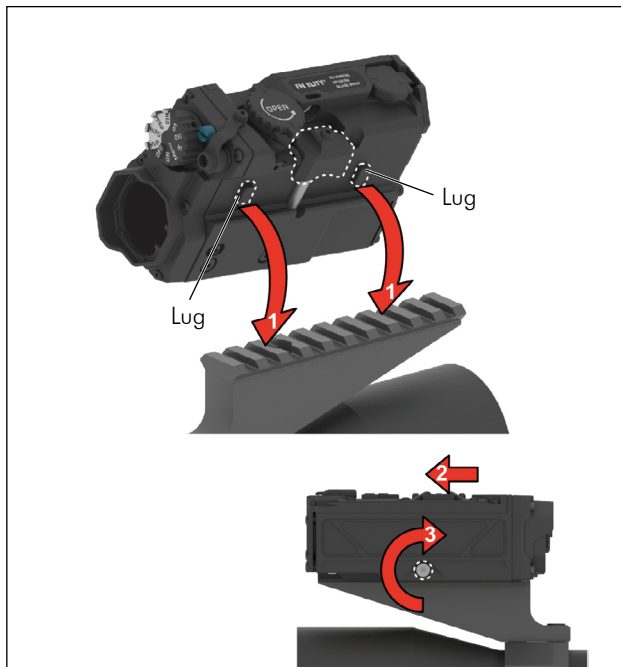


Fig. 5.c - Mounting the FN ELITY® Lite

5.4. Installing and removing the optical protection cover

- (1) Place the optical protection cover on the back of the FN ELITY® Lite, (2) then pull on it to cover the front.

To remove the optical protection cover, follow the above steps in reverse order.

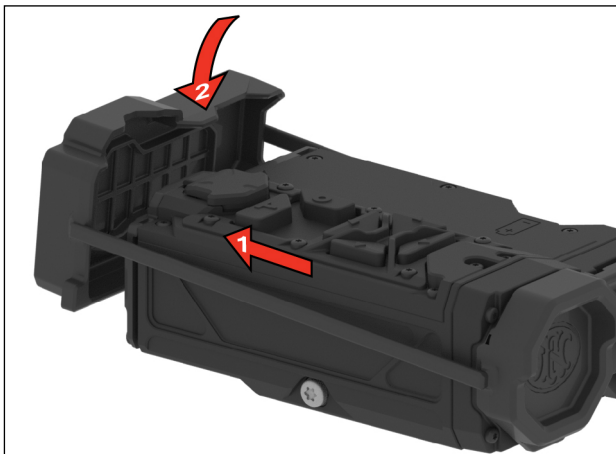


Fig. 5.d - Installing the optical protection cover

5.5. Connecting the remote keypad

5.5.1. Connecting the wireless remote keypad

In order to use the wireless remote keypad, a pairing with the FN ELITY® Lite is required.

Always check that Bluetooth® is activated (see § 4.1) and that the wireless remote keypad contains a CR2032 battery.

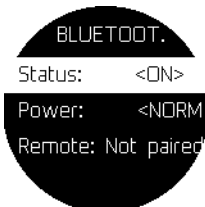
NOTE

See § 3.1 for instructions on how to select the operating mode.

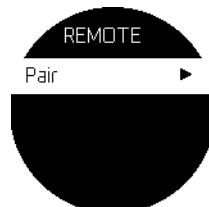
See § 3.2 for instructions on how to navigate the menus and edit values.

- Set the operating mode to **Menu** (see § 3.1).

- Enter the Bluetooth submenu and its Remote submenu, using the navigation buttons of the keypad installed on the FN ELITY® Lite.



- Enter the Pair submenu.



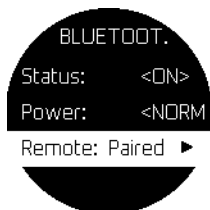
The following message appears on the display.



- Press any button on the wireless remote keypad.
The following message appears on the display.



The wireless remote keypad is now connected and ready to be used.



The Bluetooth® icon on the FN ELITY® Lite now contains an "R".



5.5. Connecting the remote keypad (continued)

5.5.2. Connecting the cable of the wired remote keypad

CAUTION

When the connector interface is not in use, the protective cap must always be in place.

- Remove the protective cap from the connector interface.
- (1) Align the key of the cable connector with the corresponding slots in the connector interface of the FN ELITY® Lite and, with the L-shape in the 9 o'clock position, insert the cable connector.

- (2) Turn the tightening ring clockwise to secure the connection.

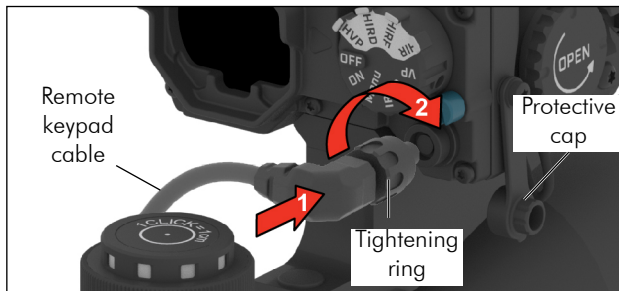


Fig. 5.e - Connecting the remote keypad cable

NOTE

To disconnect the remote keypad cable, turn the tightening ring counterclockwise to unlock it, and then pull the cable connector.

5.6. Guiding the remote keypad cable

The fastener accessories kit includes:

- 2 Manta cross clips
- 6 cable clips
- 4 hook and loop fastener pads

The following procedure describes the recommended cable management when the FN ELITY® Lite is mounted on top of the scope support installed on a FN SCAR®-H TPR with tactical buttstock:

- Install a Manta cross clip on the top rail of the FN SCAR®-H TPR.
- Loop the remote keypad cable to the left over the scope and then back to the right under the scope.
- Guide the remote keypad cable to the rear, as close as possible to the base of the scope mount, and through the Manta cross clip.

NOTE

The remote keypad cable should be clear from the turrets of the scope and should not interfere in their use in any way.

- Attach a cable clip to the remote keypad cable.

- Attach one part of a hook and loop fastener pad to the back of the remote keypad and the other part to the tactical buttstock, and install the remote keypad on the buttstock.
- Adjust the cable to the optimal position and fix the cable clip on the receiver.

CAUTION

Make sure that the remote keypad cable is kept as close to the weapon as possible, so that it cannot get caught on anything during handling and/or transport.

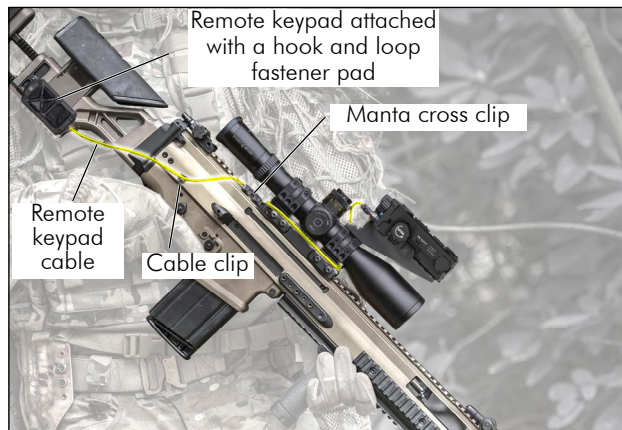


Fig. 5.f - Recommended cable management

5.7. Aligning the FN ELITY® Lite with the scope

Aligning the FN ELITY® Lite with the scope is a critical step to guarantee the accuracy of the LRF for long distance measurements.

- Zero the weapon and set the turrets of the scope at the zero position.

WARNING

Make sure the FN ELITY® Lite is turned off to guarantee laser safety.

- Measure the distance (X and Y) between the center of the aperture of the visible pointer and the center of the scope.

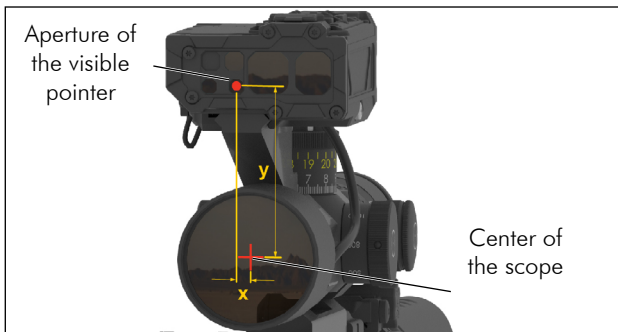


Fig. 5.g - Distance between visible pointer and center of the scope

- Draw the offset(s) (X and Y) on a target.
- Place the target at the recommended distance (100 m) for mechanical zeroing of the host weapon. If needed a pre-alignment can be done at short distance (10 m).
- Align the reticle of the scope with the center of the target.
- Set the operating mode to **VP** (see § 3.1).
- Activate the continuous mode of the visible pointer (see § 8.3).
- Align the visible pointer with the offset drawn on the target by using the elevation and windage adjustment screws (see § 5.7.1).
- Deactivate the continuous mode of the visible pointer (see § 8.3).
- Note the zeroing distance.

5.7.1. Using the adjustment screws

CAUTION

When the adjustment screws are not in use, the protective caps must always be closed.

The FN ELITY® Lite has 2 adjustment screws, which are used to align the optical system of the FN ELITY® Lite with the scope in the elevation and windage axis, using the visible pointer.

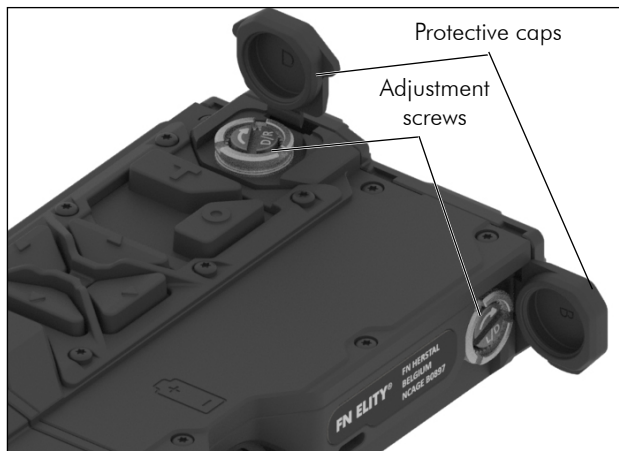


Fig. 5.h - Adjustment screws

Each adjustment screw has a set of markings: 2 letters (separated by a "/" and an arrow).

The first letter (D= down or L= left) indicates the direction of the adjustment when the FN ELITY® Lite is mounted on top of the weapon or scope.

The second letter (R= right or D= down) indicates the direction of the adjustment when the FN ELITY® Lite is mounted on the left side of the weapon.

When the FN ELITY® Lite is mounted on top or on the left side, the arrows indicate the direction the adjustment screws should be turned to make the adjustment indicated by the letters.

However, when the FN ELITY® Lite is mounted on the right side of the weapon, the adjustment screw should be turned in the opposite direction of the arrows to make the adjustment indicated by the letters.

6. CONFIGURATION

6.1. Compass calibration

The compass in the FN ELITY® Lite is doing continuous calibrations and to increase its precision, you can do a manual calibration. If the automatic checks indicate the precision is too low, the device will display a message inviting you to proceed with a manual calibration.

NOTE

Like every compass, the one included in the device is sensitive to magnetic environment. The metallic parts of the weapon, close to the FN ELITY® Lite, will have an impact on the compass. When performing the manual calibration, it is recommended to do this in the complete configuration, thus with the FN ELITY® Lite mounted on the weapon.

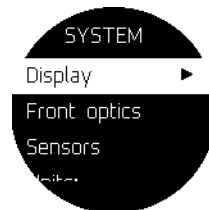
See § 3.1 for instructions on how to select the operating mode.

See § 3.2 for instructions on how to navigate the menus and edit values.

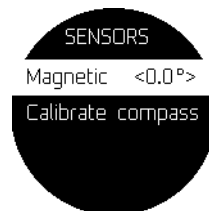
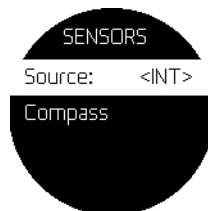
To recalibrate the compass, do the following on the FN ELITY® Lite :

- Set the operating mode to **Menu**.

- Enter the System submenu and its Sensors submenu.

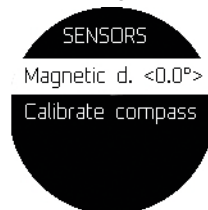


- Enter the Compass submenu and its Calibrate Compass submenu.



6.2. Magnetic declination

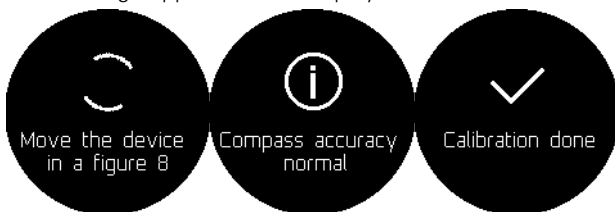
The magnetic declination is the angle between the true north (geographic north) and the magnetic north varying by location and time. This angular offset can be set in the FN ELITY® Lite.



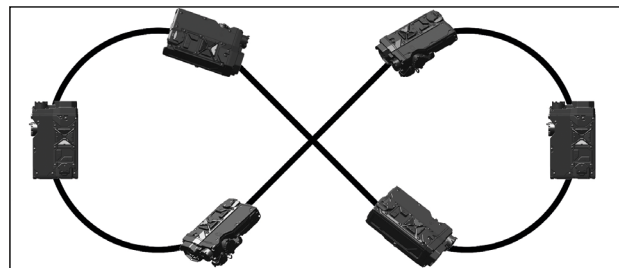
The following message appears on the display.



- It is recommended to place the weapon system on a flat surface for around 3 to 5 seconds, till the following message appears on the display.



- Move the weapon system in a figure 8 for around 5 to 10 seconds, till the message "Calibration done " appears.



The compass is now recalibrated and ready for use.

7. WORKFLOW

This chapter explains a typical workflow of a firing session with the FN ELITY® Lite.

7.1. Preparation

7.1.1. Check and set up FN ELITY® Lite

Make sure that the device is fully functional. Replace battery if needed.

Set up device as suitable:

- display brightness
- units
- wireless connection

7.2. Mounting

7.2.1. Mount the FN ELITY® Lite on the scope or weapon.

To mount the FN ELITY® Lite on the scope or weapon follow the procedure described in § 5.3.

7.2.2. Align the FN ELITY® Lite with the scope

To align FN ELITY® Lite with the scope, follow the procedure described in § 5.7

7.3. Use of the rangefinder

Make sure that the FN ELITY® Lite has been aligned with the scope.

Aim at the target and press the **T** button. Upon release of the button, the LRF will measure the distance.

7.4. Use FN ELITY® Lite as a range finder

The FN ELITY® Lite has a dedicated button to activate the LRF. It's the **T** button. Press and hold the button during aiming. The actual measurement is performed just after the release of the button.

NOTE

The FN ELITY® Lite can also make continuous measurements. This mode is activated by pressing the **T** button twice.

7.5. Use FN ELITY® Lite as a pointer

The FN ELITY® Lite has a dedicated button to activate the pointer. It's the **O** button. The type of pointer (visible/IR/flood and power level) is selected through the rotary knob. The selected pointer is activated as long as the button is pressed. During pointer activation, a small triangular warning icon is shown on the display.

NOTE

The FN ELITY® Lite can also activate the pointer continuously. This mode is activated by pressing the **O** button twice.

8. USING THE FN ELITY® LITE

WARNING

Before any intervention on the FN ELITY® Lite, ensure to be familiar with the safety information given in Chapter 1 and double-check that the safety measures of the host weapon(s) (e.g. sniper rifle) have been applied (see corresponding operator's manual).

NOTE

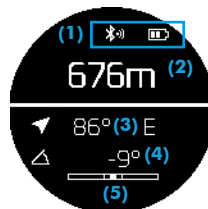
See § 3.1 for instructions on how to select the operating mode.

See § 3.2 for instructions on how to navigate the menus and edit values.

See § 3.3 for the description of the action buttons.

8.1. Main display

In every operating mode (except **OFF** and **Menu**), several informations are available on the FN ELITY® Lite.

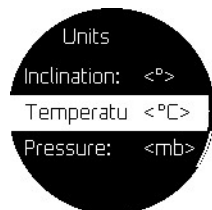


Description
Status (pointer, bluetooth, battery) (1)
Target distance (2)
Heading (3)
Elevation (4)
Spirit level (5)

A second screen is available and can be accessed by pressing the **UP** or **DOWN** buttons. It displays the environmental data measured by the FN ELITY® Lite.



The units can be configured in the Default units submenu of the System menu (see § 4.2).



8.2. Continuous measuring mode

In every operating mode (except **OFF** and **Menu**), press the **T** button twice to activate the continuous measuring mode.

The distance is continuously measured.



To deactivate the continuous measuring mode, press the **T** button twice again.

8.3. Using the pointer and illuminator

NOTE

If the operating mode includes the illuminator, the illuminator activates and deactivates together with the selected pointer.

This also applies to the continuous mode.

Select an operating mode with a pointer and/or illuminator and press the  button to activate the selected pointer and/or illuminator.

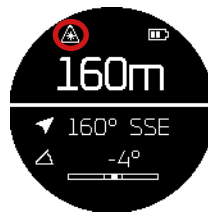
The pointer and/or illuminator is (are) active as long as the  button is pressed.

Press the  button twice to activate the continuous mode.

If the operating mode includes the illuminator, press the  button (> 1 second) while the continuous mode is active to adjust the divergence (see § 8.3.1).

To deactivate the continuous mode, press the  button twice again.

When the pointer and/or illuminator is (are) active, an icon is shown in the top left of the OLED display.



The active pointer icon is dynamic: it shows both icons alternately.

8.3.1. Modifying the illuminator

In every operating mode that includes the illuminator, it is possible to modify it.

It is used to change the divergence, the intensity of the illuminator, and steps used for divergence adjustments.

To change the divergence, press the  button twice, then hold it down until the desired setting is reached.



To change the intensity of the high power mode, set Power to HI-1, HI-2, or HI-3, with HI-3 being the highest power mode.

To change the steps used for divergence adjustments, set Mode to one of the following:

- CONT.: steps of 1% between 0% and 100%
- STEPS: 4 predefined steps (0%, 33%, 66%, and 100%).

NOTES

NOTES

[illegible][illegible]



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