## USER MANUAL

## LL3405 LINE LASER GREEN

EN ENGLISH

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#### **OVERVIEW**



DEVICE

- 01 On / Off button Energy saver Receiver button (pulse) -Indicator light
- 02 Laser window
- 03 Lock switch On / Off switch
- 04 Battery compartment
- 05 1/4" screw (to use with a tripod)

## SAFETY

Please read the safety instructions provided as separate booklet with the device.

#### NOTE

ALWAYS keep the LOCK switch [03] in lock position (left) during transport or storage to protect the pendulum.

While the product is in operation, be careful not to expose your eyes to the emitting laser beam.

Do not disassemble the laser tool. There are no user serviceable parts inside.

Do not modify the laser in any way. Modifying the tool may result in hazardous Laser Radiation Exposure.

Class 2 laser radiation, do not stare into beam!

## BATTERY

This laser device is powered by AA batteries, which will need to be replaced when the batteries are running low.

When the LED light flashes red, the power of the device is very low. The batteries needs to be changed as soon as possible.

### **FIRST TIME USAGE**

Remove all protection foils.

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#### SELF-LEVELLING MODE

Slide the lock switch [03] to the unlocked position (right). Both laser lines, horizontal and vertical, will light up. The pendulum will be released and the laser will self-level. The LED indicator light [01] is green.



If the LED indicator light [01] is red and the laser lines flashes, this means the laser line is not levelled because the position of the laser is out of the auto levelling range, which is about 4°.

Place the laser on a smoother plane within the 4° levelling range to have a levelled laser line. The LED indicator light [01] will be green again when the laser is back in its levelling range.

#### LOCKED MODE (SLOPE)

With the lock switch [03] in locked position (left), hold the On / Off button [01] 2 seconds until both laser lines, horizontal and vertical, light up. The LED indicator light [01] is red and the laser lines will flash shortly every 5 seconds to alert you the laser line is not levelled. In this mode you can use the laser to set a sloped line. You can tilt the laser level freely in any direction. To turn off the laser device, hold the On / Off button [01] for about 2 seconds until all laser lines will be switched off.

#### ENERGY SAVE MODE

In both modes, self-levelling and locked mode, press the On/Off button [01] shortly to adjust the brightness of the laser lines.

The brightness is divided into 4 levels and the key cycles through them. Lower intensities allow your battery to last longer.

#### RECEIVER MODE (PULSE)

Only in self-levelling mode, hold the On / Off button [01] for about 2 seconds. The receiver mode is now turned on. This means the laser lines can now be detected by a laser receiver. Hold the On / Off [01] again for about 2 seconds to turn off the receiver mode

In this mode, energy saving is unavailable.

## **TECHNICAL SPECIFICATIONS**

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MODEL	LL3405 GREEN			
Nr. of horizontal lines	1x100°			
Nr. of vertical lines	1x100°			
Levelling accuracy	+/- 3mm/10m			
Levelling	Pendulum leveling			
Levelling range	4°, ±1°			
Working range	±30m			
	Up to 7h (100%)			
0	Up to 10h (80%)			
Operating time	Up to 13h (60%)			
	Up to 16h (40%)			
Slope function	Manual (pendulum lock)			
Battery	2x AA			
IP-rating	IP54			
Operating temperature	-10°C ~ +50°C			
Storage temperature	-20°C ~ +70°C			
Laser type	630-670nm (green)			
	Class 2, <1mW			

## C E DECLARATION OF CONFORMITY

Futech (Belgium) declares under its own responsibility that this device: - LL3405 LINE LASER GREEN

is in conformity with the standards - EN 61326-1: 2013 - EN 61326-2-2: 2013

Under EMC Directive 2014/30/EU

Lier, Belgium, March 30, 2023 Patrick Waûters

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NOTES

# **USER MANUAL**

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