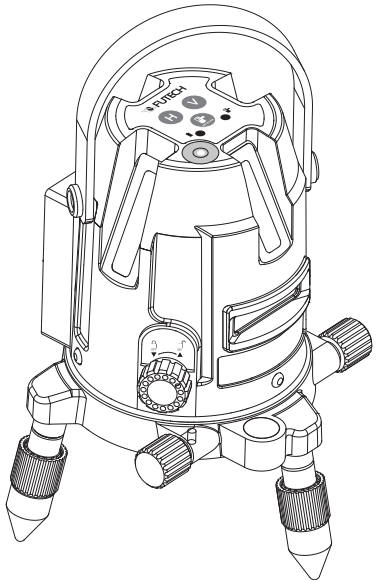
USER MANUAL

033.05R MULTICROSS 5 SINGLE DOT RED
033.05G MULTICROSS 5 SINGLE DOT GREEN

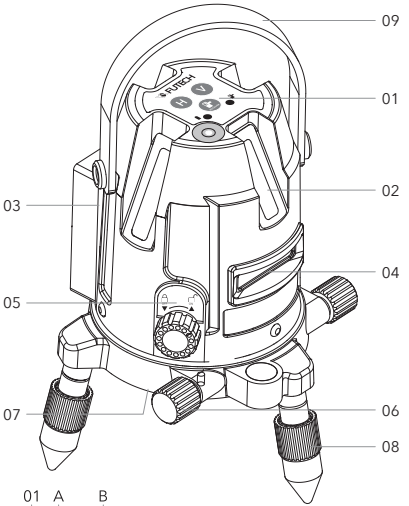


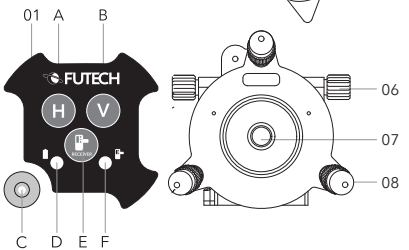
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OVERVIEW





HOUSING

01 Keypad
02 Vertical laserexit
03 Battery compartment
04 Horizontal laserexit
05 On / Off knob - Pendulumlock
06 Fine adjustment
07 5/8" Tripod thread / Plumb point
08 Adjustable foot
09 Belt

KEYPAD

A H-button for horizontal lines
B V-button for vertical lines
C Vial
D Indicator LED battery
E Receiver button
F Indicator LED receiver

	NAME	FUNCTION	
05	On / Off knob - Pendulumlock	Turn right	Switch the device ON - Unlock pendulum
		Turn left	Switch the device OFF - Lock pendulum
A	H-button for horizontal lines	Press	(De)activate horizontal laser lines
B	V-button for vertical lines	Press	(De)activate vertical laser lines
E	Receiver button	Press	(De)activate the receiver mode
F	Indicator LED battery	No	Laser is OFF
		Green, continuous	Laser is ON
		Green, flashing	Laser is ON, battery is low
G	Indicator LED receiver	No	Receiver mode off
		Green, continuous	Receiver mode is active. Detection with laser receiver is possible

SAFETY

Please read the safety instructions is provided in the separate booklet provided with the device.

LASER RADIATION – Class 3R Laser product. – Do not stare into beam

FIRST TIME USAGE

Remove all protection foils.

Place the provided LI-ION battery place the battery in the battery compartment [03]. Make sure the battery is fully charged.

BATTERY AND CHARGER

The supplied LI-ION battery can be placed in the battery compartment [03].

To charge this battery, you can use the provided charger for charging.

IMPORTANT

In order to avoid all risks, only use the charger and battery provided with the laser instrument.

DO NOT LEAVE A CHARGING BATTERY UNATTENDED.

USE

Turn right with the On / Off knob [05] to turn on the device.

NOTE

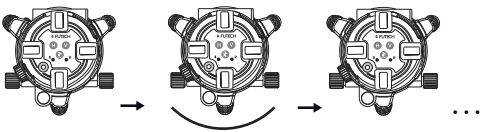
The choice of the tripod determines the user-friendliness of the device.

HORIZONTAL ALIGNMENT

- Unlock the pendulum lock [05]
- Activate the horizontal laserlines with the H-button [A]

The horizontal laser lines are levelled with the pendulum levelling mechanism, when it is placed within the levelling range.

- You can activate or deactivate the laser lines by pressing the H-button [A]



NOTE

It is advisable to place the horizontal line on your working height.

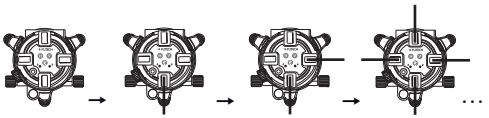
■ VERTICAL ALIGNMENT

· Unlock the pendulum lock [05]

· Activate the vertical laserlines with the V-button [B]

The vertical laser lines are levelled with the pendulum levelling mechanism, when it is placed within the levelling range.

· You can activate or deactivate the laser lines by pressing the number of times to get the desired numer of laser lines using the V-button [B]



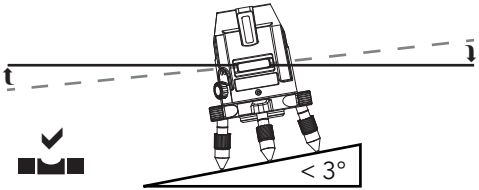
NOTE

When at least two vertical lines are switched on, you can measure an exact angle of 90° or show a plumb line (imaginary line between the cross on the floor and the cross on the ceiling)

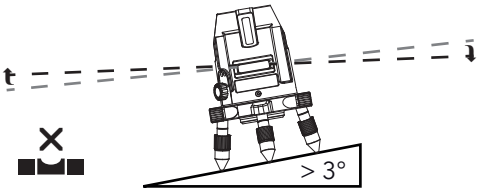
■ AUTO LEVELLING

After turning on the device, the pendulum levelling mechanism is released, and the instrument is able to level itself.

The laser can level itself in a range of approx. 3° in every direction. This means the laser can show 100% horizontal or vertical lines when placed on a sloped surface of approx. 3° maximum.



In case the laser is placed on a surface that exceeds the 3°, a levelled horizontal or vertical laser line will no longer be possible, the laser lines will start flashing.



Place the laser device on a flatter surface, within the levelling range of 3° or turn the adjustable foot [08] to bring the device within the 3° levelling range if possible. The laser will self level automatically when placed within its levelling range.

NOTE

When a tripod is used, the adjustable feet will have no effect.

■ USING A LASER RECEIVER

When you work over long distances or the workplace has a high brightness, laser lines will be less visible for the human eye. In this case, you can use a laser receiver to detect the laser lines.

Press the receiver button [E] to activate the reveiver mode. The indicator LED receiver [F] on the device will light green.

When the receiver mode is switched on, the laser line will pulsing extremely fast. It appears to the human eye that the intensity of the laser line(s) will decreas slightly.

When switched on, you can locate the laser lines with a receiver.

· Press the receiver button [F] again to deactivate the receiver mode.

It looks the laser lines will become brighter again (stops pulsing). Detection by a laser receiver is no longer possible.

SPECIFICATIONS

	033.05R	033.05G
Visibility		
Precision	1,5mm / 10m	
Range (with receiver)	up to 2x 50m (with receiver)	
Dust- and water proofness	IP54	
Battery	Li-ion (Included) or 4x AA	
Levelling	Pendulum levelling	
Self-levelling range	± 2°	
Built-in screw for tripod	5/8"	
Laser frequency	10KHz (in receiver mode)	
Laser class	Class 3R 635nm >1mW / <mW	Class 3R 510 - 530nm >1mW / <mW
Operating temperature	-10 to 40°C	
Dimensions	117 x 116 x 177 mm	
Weight	0,79 kg	

CE

DECLARATION OF CONFORMITY

Futech (Belgium) declares under its own responsibility that these devices:

- 033.05R MULTICROSS 5 Single Dot Red
- 033.05G MULTICROSS 5 Single Dot Green

are in conformity with the standards

EN 61000-6-2:2005
EN 61000-6-4:2007+A1:2011
EN 61326-1:2013
EN 60825-1:2014
EN 61010-1:2010

following the provisions of Directive(s)

2014/30/EU
2014/35/EU.

Lier, Belgium,
December 20, 2023
Patrick Waûters



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USER MANUAL

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