

USER MANUAL

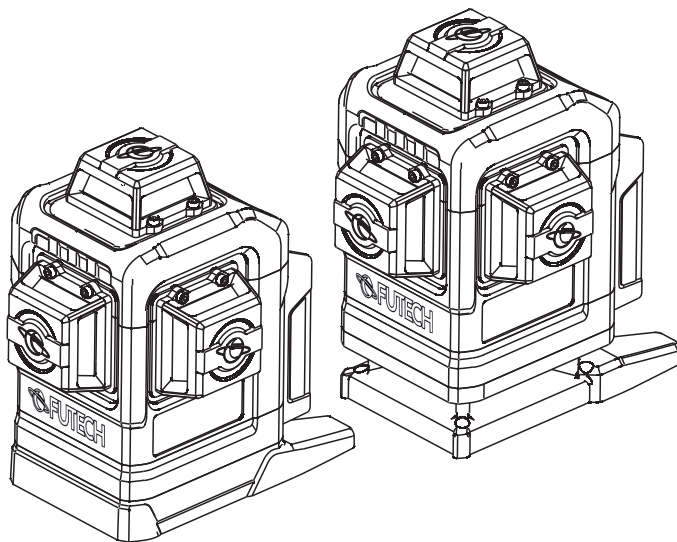
036.3DG MULTICROSS 3D 18V MAX GREEN

036.4DG MULTICROSS 4D 18V MAX GREEN

EN ENGLISH

Manual
in your language?

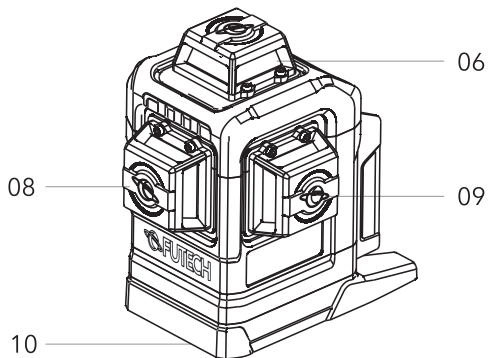
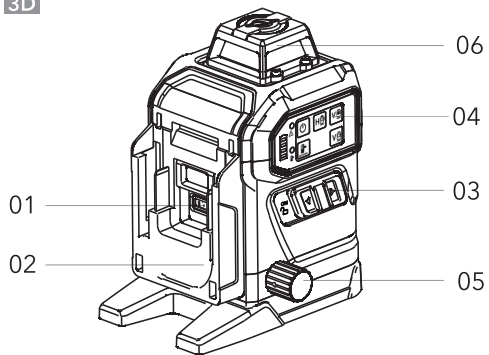
Check the back cover



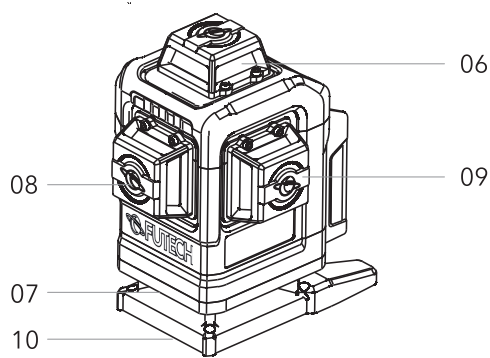
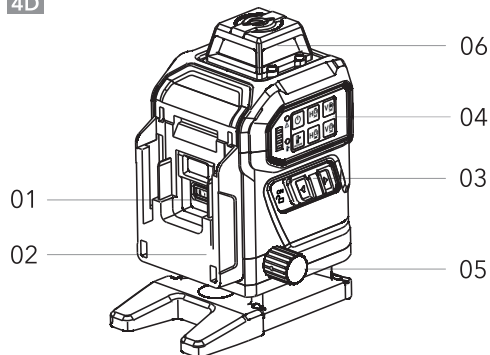
FUTECH
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OVERVIEW

3D



4D

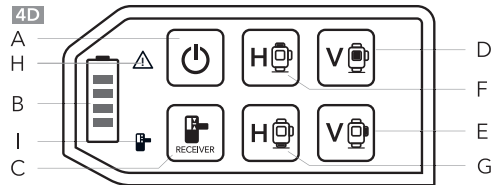
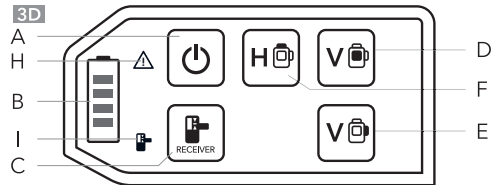


■ CASE

- 01 USB Type-C charging port
- 02 Battery adapter
- 03 On/Off switch / Pendulum lock
- 04 Keypad
- 05 Fine adjustment wheel
- 06 Upper horizontal laser line
- 07 Bottom horizontal laser line
- 08 Front vertical laser line
- 09 Side vertical laser line
- 10 1/4" and 5/8" tripod tread

■ KEYPAD

- A Power button
- B Battery indicator
- C Receiver mode button
- D Front vertical laser line button
- E Side vertical laser line button
- F Upper horizontal laser line button
- G Bottom horizontal laser line button
- H Warning triangle
- I Receiver indicator



SAFETY

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

LASER RADIATION – Class 2 Laser product. – Do not stare into beam

BATTERY

■ DIFFERENT BATTERY TYPES

This device works with the 18V batteries of following brands:

- Bosch
- Dewalt
- Festool
- Hikoki
- Makita
- Metabo
- Milwaukee

NOTE

If the voltage goes below 14V the device stops working. The battery indicator [B] shows the amount of power that is left in the battery until it reaches the minimum level of 14 V.

■ BATTERY CONNECTION

Before connecting the 18V battery, please remove all dust and sand.

- Place the right battery adapter [02] on the device. The adapter is mounted correctly when you hear a click.
- Slide the corresponding battery on the battery adapter [02].

■ CABLE CONNECTION

This device can also be used with an USB Type-C cable plugged into the USB Type-C port [01].

Only use the power adapter provided by the manufacturer.

IMPORTANT

The power adapter is only to use the laser device without battery. Do not use this power adapter to charge the 18Vbatteries.

FIRST TIME USAGE

- Remove any protective films where applied.
- Please only use an 18V battery with the correct adapter.



USE

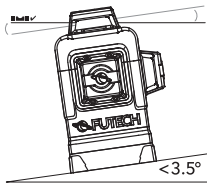
■ SELF LEVELLING MODE



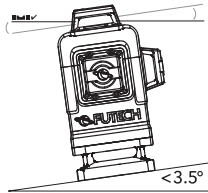
- Shift the Pendulum lock [03] to the “Unlock” position to unlock the pendulum and switch on the laser.

At this point the laser is able to level itself.

3D

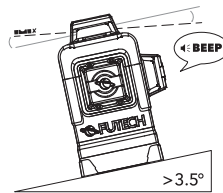


4D

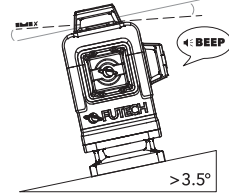


The device is capable of self-levelling within a range of approximately 3,5°. Ensure the instrument is not placed on a slope exceeding this limit.

3D



4D



Should the slope exceed 3,5°, the laser lines will blink fast and the laser will start beeping.

- To switch off the laser, shift the Pendulum lock [03] to the “Lock” position.

Now the laser is switched off and the pendulum is locked again.

■ MANUAL SLOPE MODE

In manual slope mode, you can set slopes with the Multicross 3D/4D 18V MAX.

This means the laser lines will be projected with the pendulum locked. This gives you the opportunity to project sloped lines under the angle you need.



- Make sure the Pendulum lock [03] is in the "Lock" position.
- Switch on the laser by holding the Power button [A] for approx. 3 seconds.

The laser lines switch on with the pendulum locked.

Now, the laser line can be set to the desired slope by tilting the device accordingly.

NOTE

The laser lines are not levelled using the manual slope mode therefore the warning triangle [H] starts flashing! To remind you, the laser line will blink shortly every 10 seconds.

- To turn off the laser in manual slope mode, hold the Power button [A] again for 3 seconds or shift the Pendulum lock [03] to the "unlock" position and back to the "lock" position.

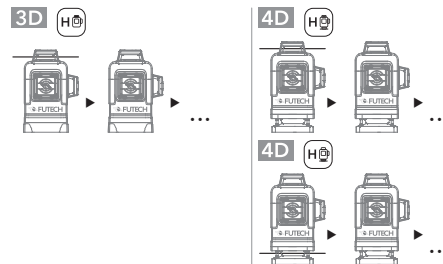
■ CHOOSE HORIZONTAL AND VERTICAL LINES

At times, you may not require all laser lines, make it useful to activate only the ones needed. Therefore, you have the option to deactivate or activate specific laser lines as desired.

If all laser lines are switched off, the warning triangle [H] will flash at a fast rate and the laser will beep every 10 seconds.

When working in manual slope mode and a laser line is activated the warning triangle [H] will flash.

— HORIZONTAL LINES



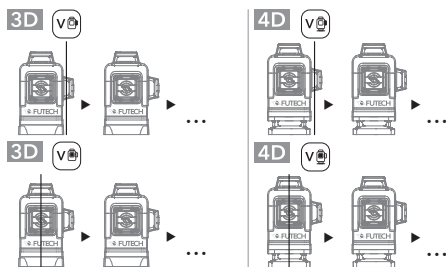
- Press the Upper horizontal lines button [F] to activate the upper horizontal line.
- Press the bottom horizontal laser line button [G] to activate the bottom laser line. (Only for MC4D)

NOTE

We advise to set the horizontal line on your working height.



— VERTICAL LASER LINES



- Press the Front vertical laser line button [D] to activate the front vertical laser line
- Press the Side vertical laser line button [E] to activate the side vertical laser line.

■ RECEIVER MODE

If the workplace is brightly lit, e.g. outdoors in the sun, it may be necessary to use a laser receiver.



- Press the Receiver mode button [C] to turn on the receiver mode.

When this mode is activated, the receiver indicator [I] will light up. At this moment, laserlines can be detected by the laser receiver.

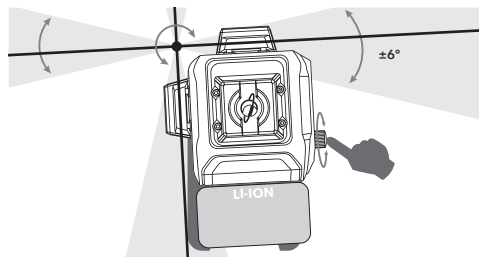
- Press the receiver mode button [C] again to turn off the receiver mode.

NOTE



All Futech laser will use 10Khz as frequency in receiver mode. Only receivers that can detect laser lines at 10KHz are compatible.

FINE ADJUSTMENT

You can turn the fine adjustment wheel [05] to get the vertical laser lines in the right place. The laser will rotate around the crossing of the two vertical lines. When you feel the brake, stop turning the fine adjustment wheel [05].



TECHNICAL SPECIFICATIONS

	036.3DG MC3D 18V MAX	036.4DG MC4D 18V MAX
Visibility		
Accuracy	± 2mm / 10m	± 2mm / 10m
Laser lines	Horizontal: 1x 360° Vertical: 2x 360°	Horizontal: 2x 360° Vertical: 2x 360°
Range with receiver	up to 70m	up to 70m
Levelling range	± 3.5°	± 3.5°
Levelling	Pendulum levelling	Pendulum levelling
Slope function	Manual (via pendulum lock)	Manual (via pendulum lock)
Tripod thread	1/4" & 5/8"	1/4" & 5/8"
Laser wave length	505nm - 525nm, <1mW	505nm - 525nm, <1mW
Laser classification	Class 2	Class 2
Power supply	18V battery pack / USB-C adapter	18V battery pack / USB-C adapter
Protection	IP54	IP54
Dimensions (l x w x h)	145 x 116 x 149 mm	145 x 116 x 168 mm
Weight	0,500 kg	0,500 kg
Operation temperature	-10°C ~ +40°C	-10°C ~ +40°C
Storage temperature	-20°C ~ +70°C	-20°C ~ +70°C



BATTERY ADAPTERS

Battery adapters are needed to use the laser with an 18V battery.

- Compatible with Bosch: Art. H036.BOS
- Compatible with Dewalt: Art. H036.DEW
- Compatible with Festool: Art. H036.FES
- Compatible with Hikoki: Art. H036.HIK
- Compatible with Makita: Art. H036.MAK
- Compatible with Metabo: Art. H036.MET
- Compatible with Milwaukee: Art. H036.MIL

All battery adapters are sold separately.

NOTES





DECLARATION OF CONFORMITY

Futech (Belgium) declares under its own responsibility that this device:

- 036.3DR, MULTICROSS 3D 18V MAX
- 036.4DR, MULTICROSS 3D 18V MAX

is in conformity with the standards

EMC DIRECTIVE 2014/30/EU:
- EN IEC 61326-1: 2021

Lier, Belgium,
April, 2024
Patrick Waÿters

A handwritten signature in black ink, appearing to read 'Patrick Waÿters', is located in the bottom right corner of the declaration area.

USER MANUAL

other languages:



DA DANSK



DE DEUTSCH



ES ESPAÑOL



ET EESTI KEEL



FI SUOMEN KIELI



FR FRANÇAIS



IS ÍSLENSKA



IT ITALIANO



NL NEDERLANDS



NO NORSK



PT PORTUGUÊS



SL SLOVENŠČINA



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