DEVICES AND LED NOTIFICATIONS:

CUBE*PRO*

GUIDE

CUBE PRO

💡 TIP   ⚠ ADVICE

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INTRODUCTION

Welcome to the guide for your **CUBE** PRO.
For its use, it is first necessary to download
The Meter app; you can find it at **Google Play**
or **Apple Store,** or by scanning the **QR code**
here on the right

Google Play

App Store

SCAN ME!
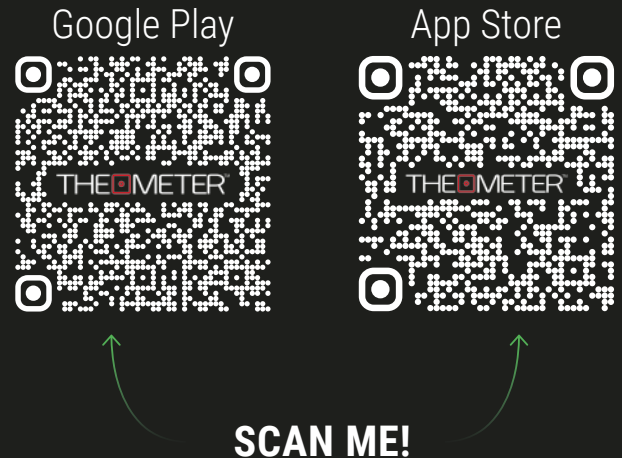
THEMETER **CUBE** PRO is an automatic space measuring
device designed to eliminate human error. It will allow
you to survey spaces with maximum precision and to
export a Digital floor plan in less than a minute.
Lightweight and compact, it combines the
technologies of laser rangefinders and
digital protractors in a unique product
with the latest IOT technology

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CUBE*PRO*

What is your **CUBE** PRO made up of? Here
below the hardware component list

LASER
(visible light)

TOF
(invisible light)

SIDE
LEVEL

USB PORT
TYPE C

UPPER
LEVEL
/
LED
NOTIFICATIONS

CAVALLET
SCREW

BUTTON A

BUTTON B

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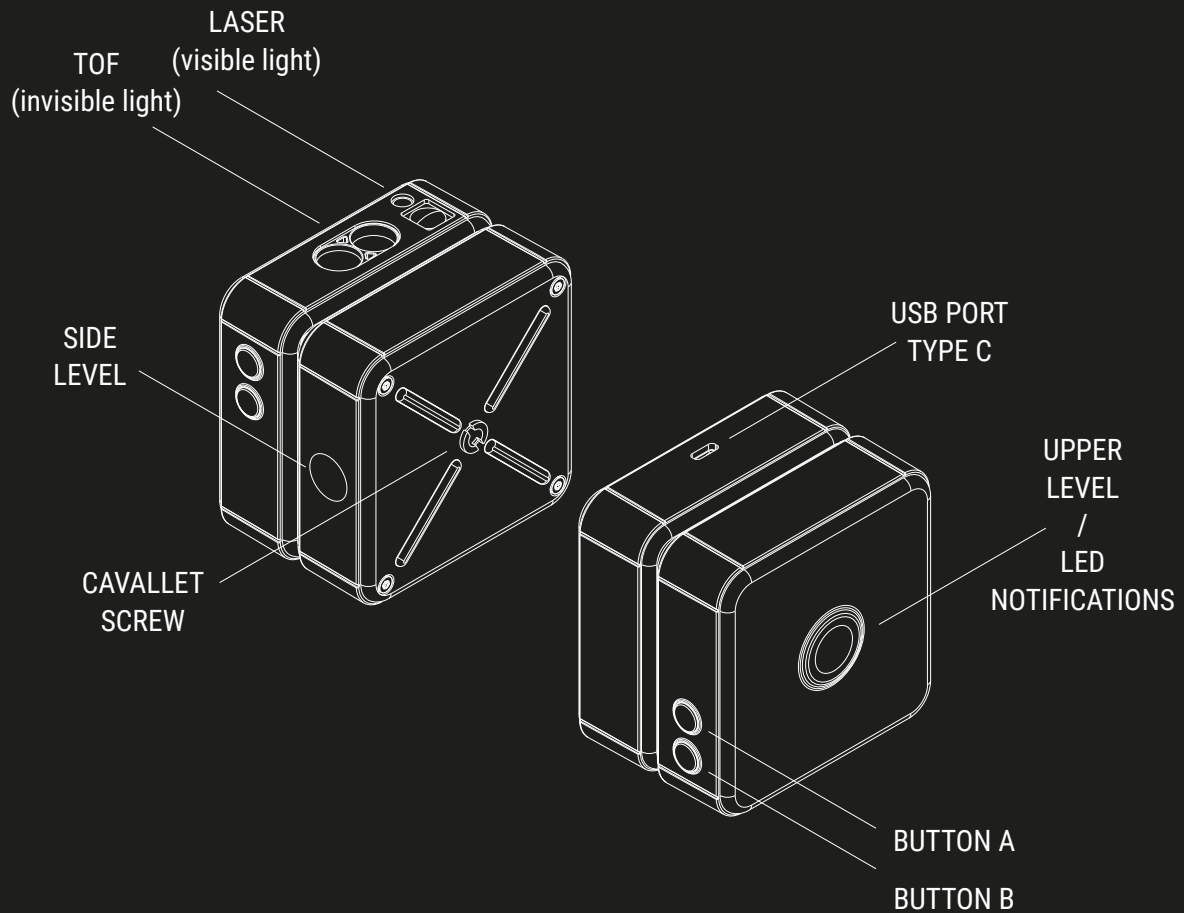
By clicking the button A ◯ when the device is turned off you can check the
charging status of your **CUBE**PRO by green blinking of the upper level:
1 blink ≥ 25%, 2 blinks ≥ 50%, 3 blinks ≥ 75%, 4 blinks 100%
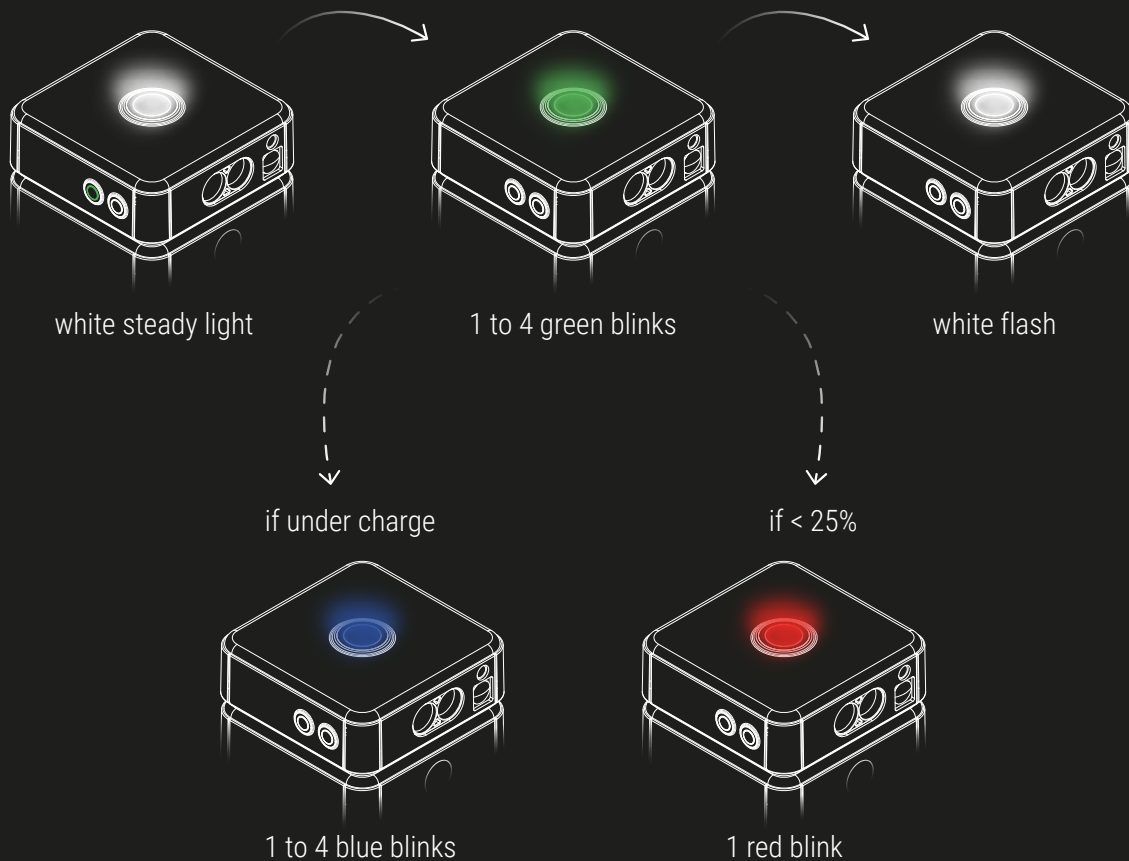

white steady light   1 to 4 green blinks   white flash

if under charge   if < 25%

1 to 4 blue blinks   1 red blink

When the device is charging, the blinks are blue.
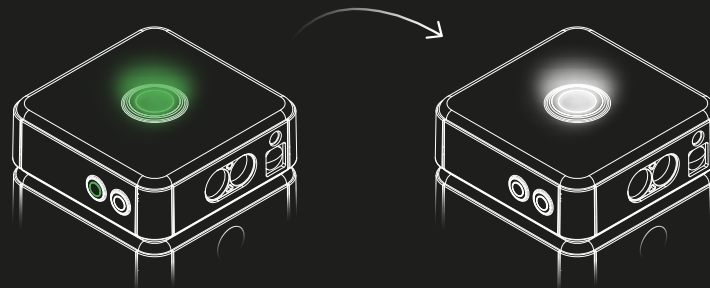If the battery is less than 25%, the LED blinks red

To turn on the device hold down the button A ⃝ until the led light turns green.
Similarly, for shutdown, hold down button A ⃝ until the light turns white.

CUBE PRO turned off:
start pressing the button A

Steady white light:
continues to press the button A

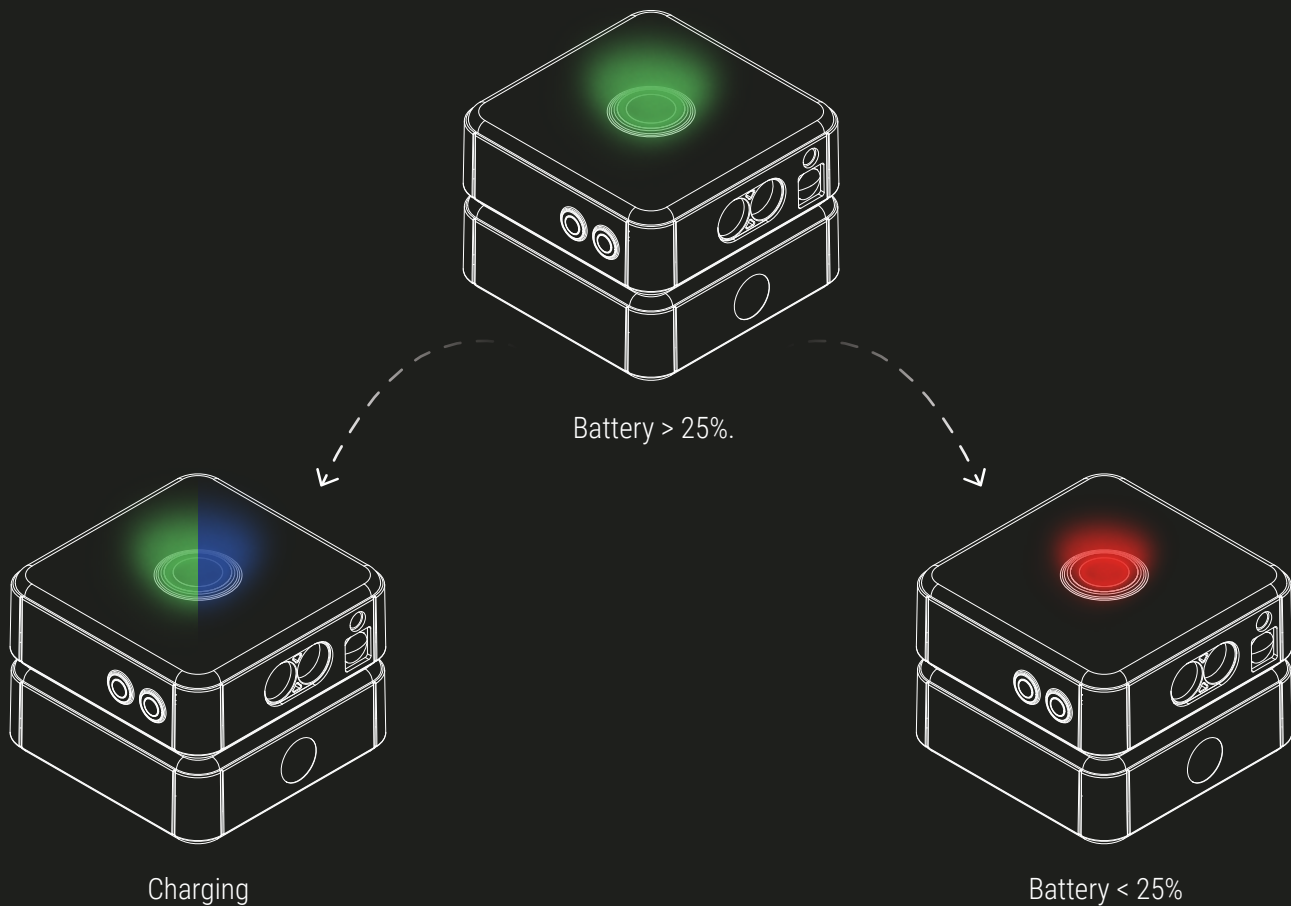Blinking green light:
turn on completed

CUBE PRO turned on:
start pressing the button A

Blinking green light:
shutdown completed

To perform a device reset, hold down both buttons
until the LED remains off for at least 10 seconds

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Once the **CUBE**_{PRO} is turned on, the LED blinks green, signaling the wait to connect to a mobile device. Once connected the light turns steady green

Battery > 25%.

Charging

Battery < 25%

If the **CUBE**_{PRO} is charging, the LED alternates blue blinks to green ones; if the battery is less than 25% the LED signals are colored red

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During acquisition operations, the LED has a steady green light

In acquisition

Laser Level

Compass calibration check
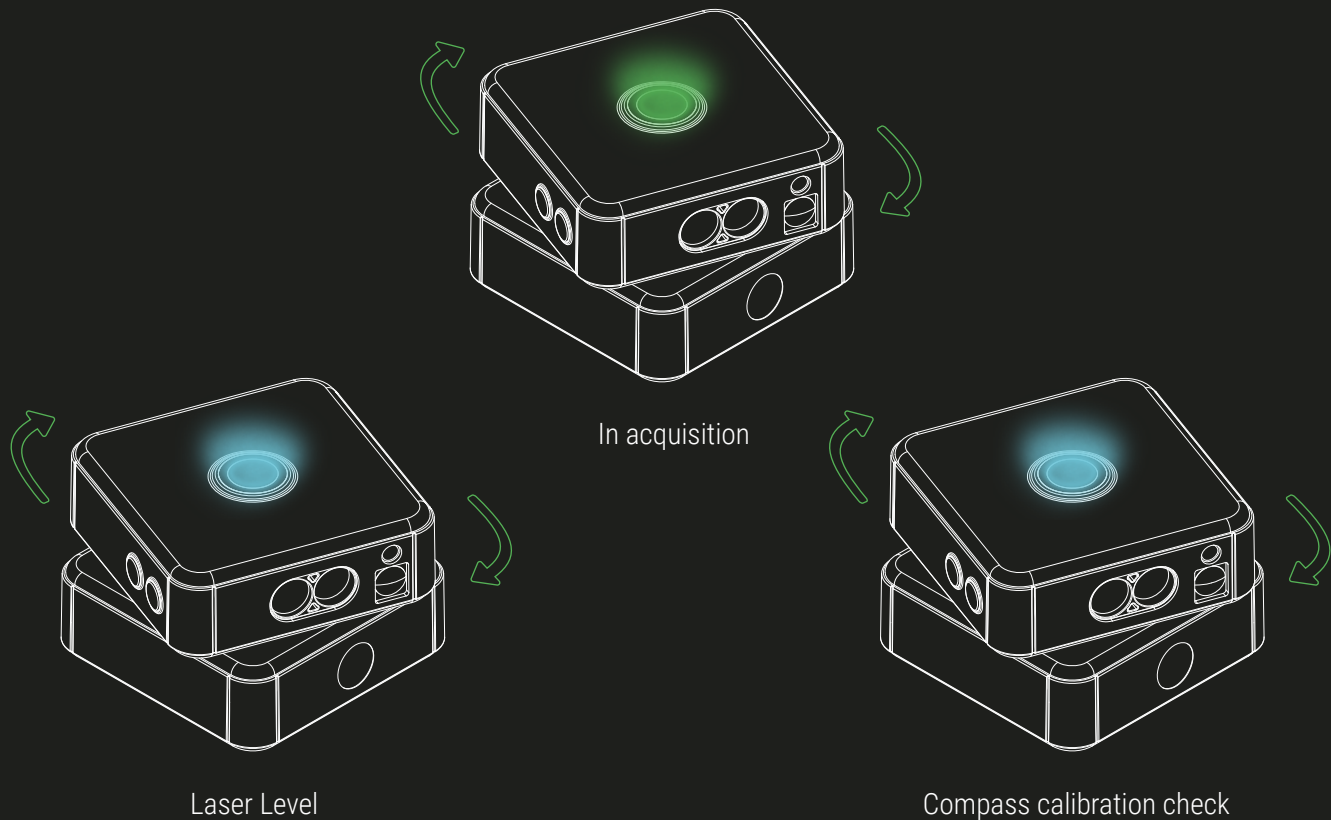
In control operations, the LED has steady blue light during
execution of the laser level ↻, while it has blue flashing
light during the compass calibration test ◈

CUBE_{PRO}

COMPASS

To perform compass calibration, place the **CUBE**PRO on a horizontal flat surface;
now you can start the Calibration function from the Fast Pad
menu of the Automatic mode in The Meter App
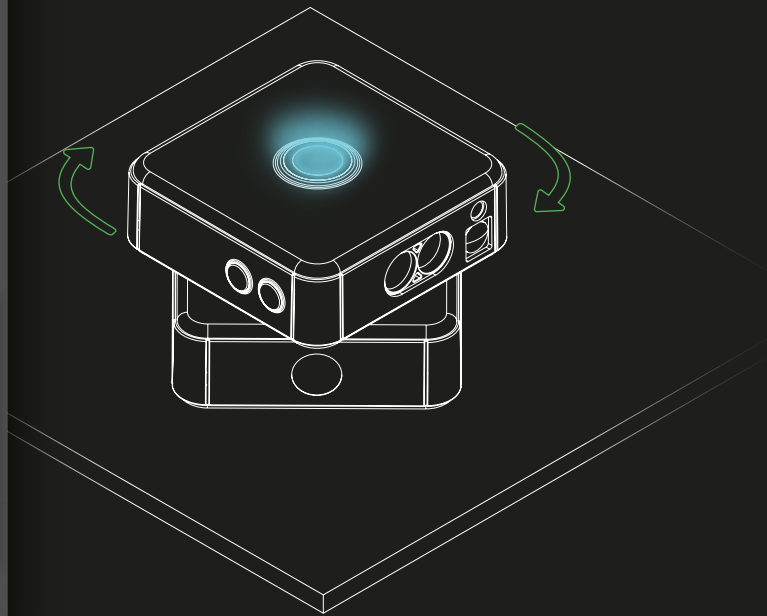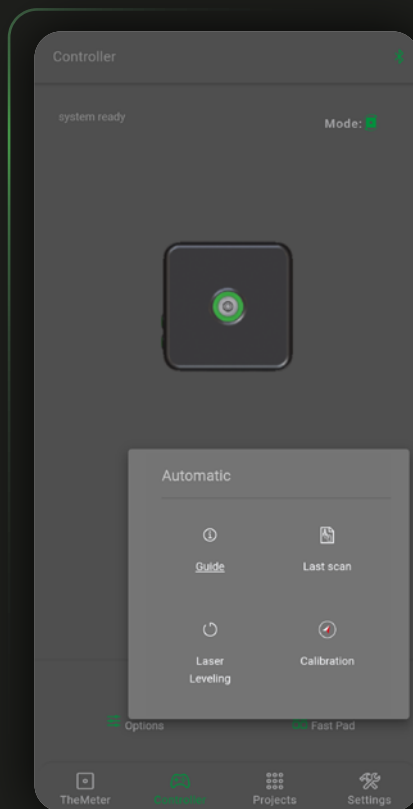
The device will start a test to check the current calibration of the compass by
turning the head 360° in 4 steps; During the procedure the led signal
is light blue, steady in motion and flashing between steps

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Once the test is completed, if it's needed, you can continue with the calibration of the device compass; alternatively, you can decide to click **CANCEL** and continue working with your **CUBE**_{PRO} , but having the North indication in the results incorrectly
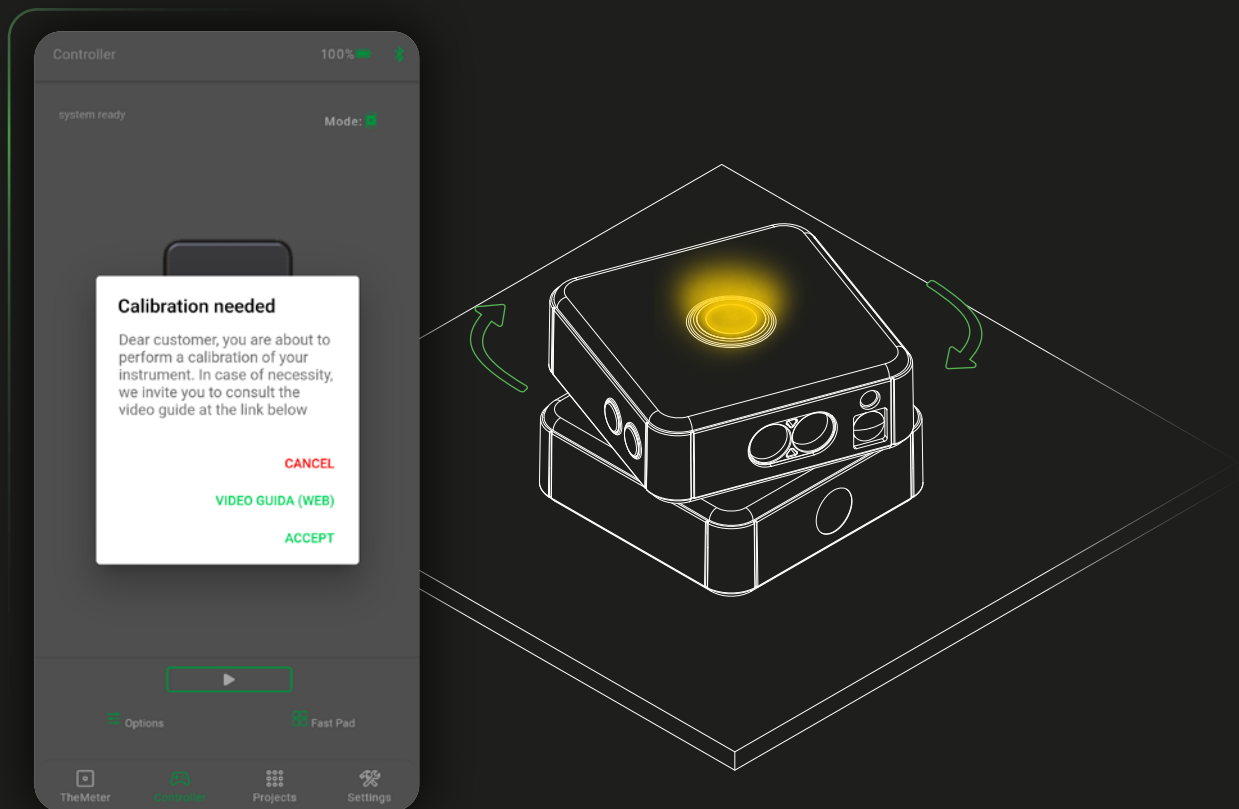

Clicking **ACCEPT** a calibration session starts: when the upper level starts flashing yellow, rotate the head of **CUBE**_{PRO} on itself until the light turns flashing light blue.

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Turn now the **CUBE**PRO on its side, with side level and buttons upwards; rotate the device on itself until the light turns green
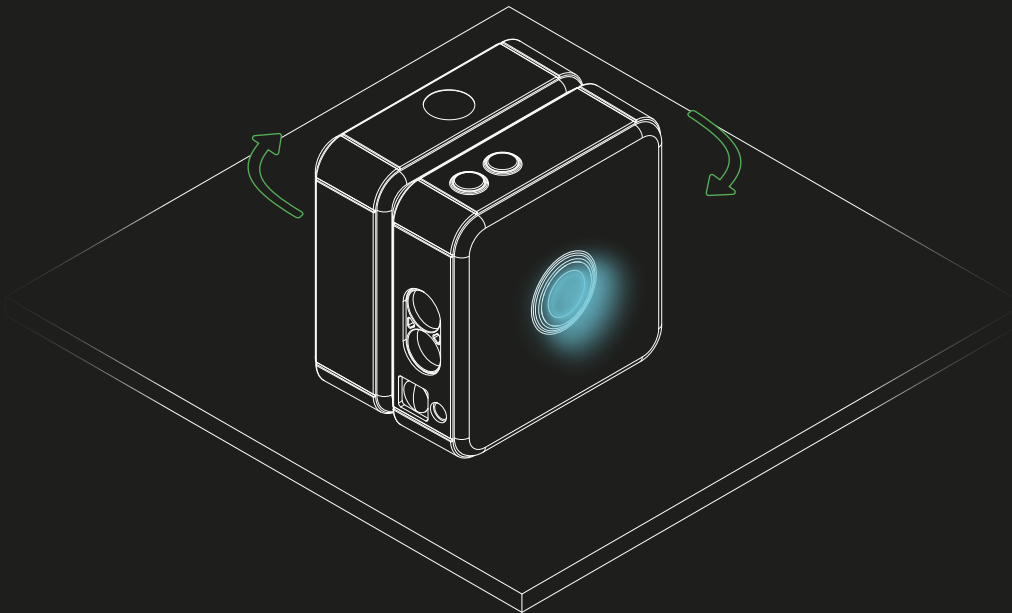
To optimize the calibration of your **CUBE** PRO perform the rotations at a rhythm of one every 7 to 8 seconds circa without ever stopping the movement
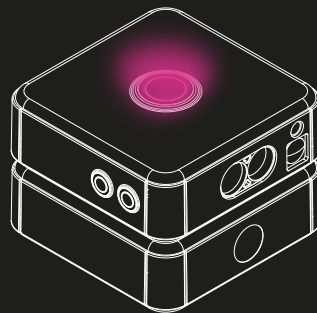
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During the Firmware update, to be executed only through the TheMeter Doctor app, the led performs a sequence of light signals to inform us at what stage of the process we are: initially, in the download phase, it has steady purple light

Download

Download completed

Installation

Operation completed
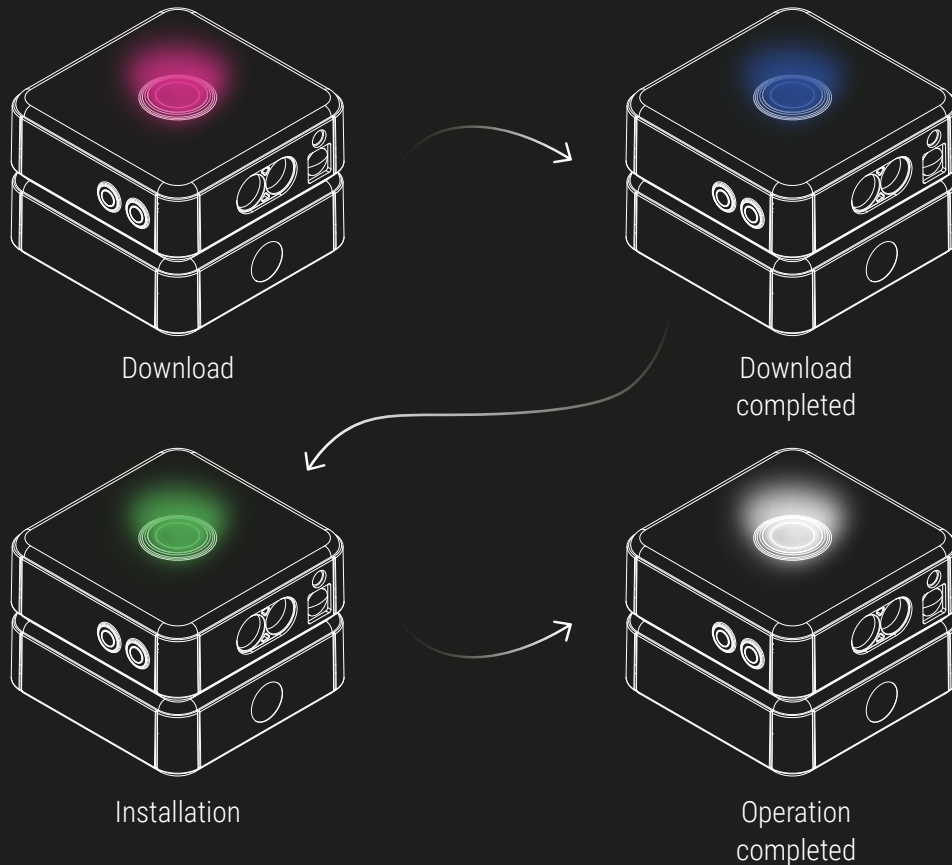
When the download is finished, the LED is blue, and changes to green when the installing process begins; the end of the process is notified by the LED changing to white and the automatic disconnection of **CUBE**PRO from the device

ERROR WARNINGS ⚠

If during the firmware update the led signal remains steady purple for more than 2 minutes, it means that an error has occurred within the update process; To fix it make sure the device is connected to The Meter Doctor app and restart the procedure; if the problem persists contact THEMETER support.
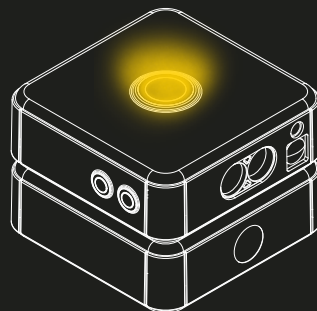

Upgrade via
The Meter Doctor app

Contact THEMETER support

Initialization error
Firmware

○ Button A
Power On/Off

○ ○ Button A + Button B
Reset

Contact THEMETER support

Initialization error
hardware component

If during the turn on of your **CUBE** PRO the LED returns steady yellow light, it means that an initialization error occurred in one of the internal peripherals; As a solution try to turn the device off and on again, and if the signal does not change perform a reset; if the problem persists, contact THEMETER support.

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