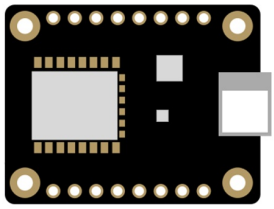


MtoMe IoT Sensor Instruction Manual

MtoMe
IoT Sensor
Instruction Manual

Contents

Key Features (IoT Sensor)

- Attachable Linear and Rotational Motion Counting IoT Sensor.
- Enable smartphone to be used with ordinary fitness equipment with VRFit service for 360 virtual exercise experiences.
- Support indoor bike, rowing machine, elliptical, boxing.

Notes

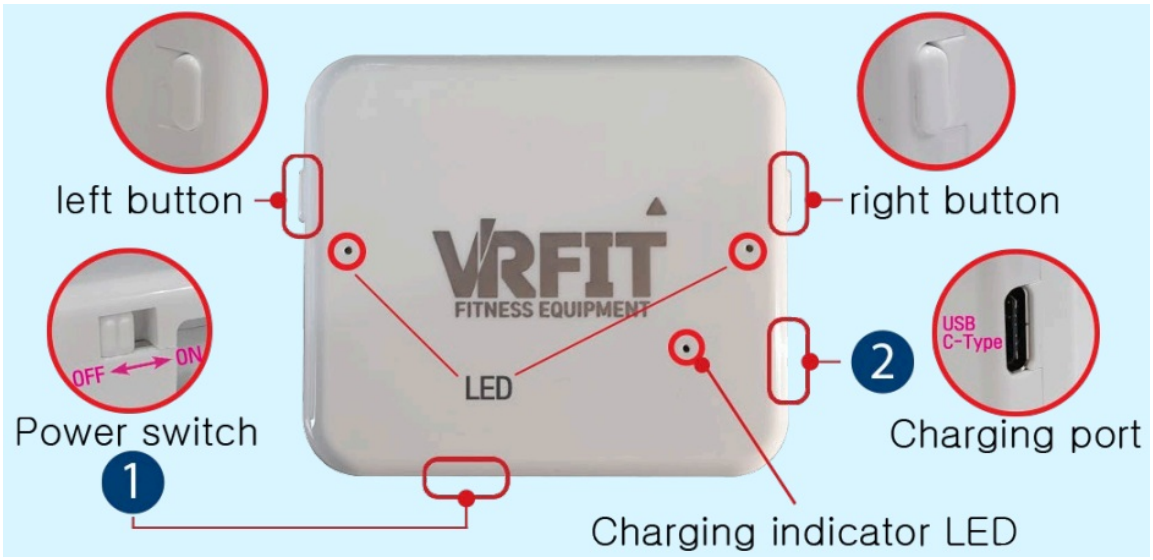
- Do not disassemble the sensor.
- Be careful not to get water inside.
- Do not attach the sensor to a location where direct force is applied.
- IoT sensor may not operate normally near devices that emit electromagnetic waves (e.g. wireless APs,

Bluetooth devices, or microwave ovens).

Items are included

- MtoMe IoT Sensor
- Manual
- Velcro tape
- O-Ring

MtoMe IoT Sensor



Power switch: User can turn the power ON/OFF.
(Use the ON/OFF switch when you need to reset the device, Keep it in the ON state normally. If a smartphone is not connected, Sleep mode is activated, and the battery is barely consumed.)
Charging port : It can be charged using a USB C port..
LED function

- LED1(green) : lights up when the battery is sufficient.
- LED2(reg) : lights up when the battery is low.

Button function

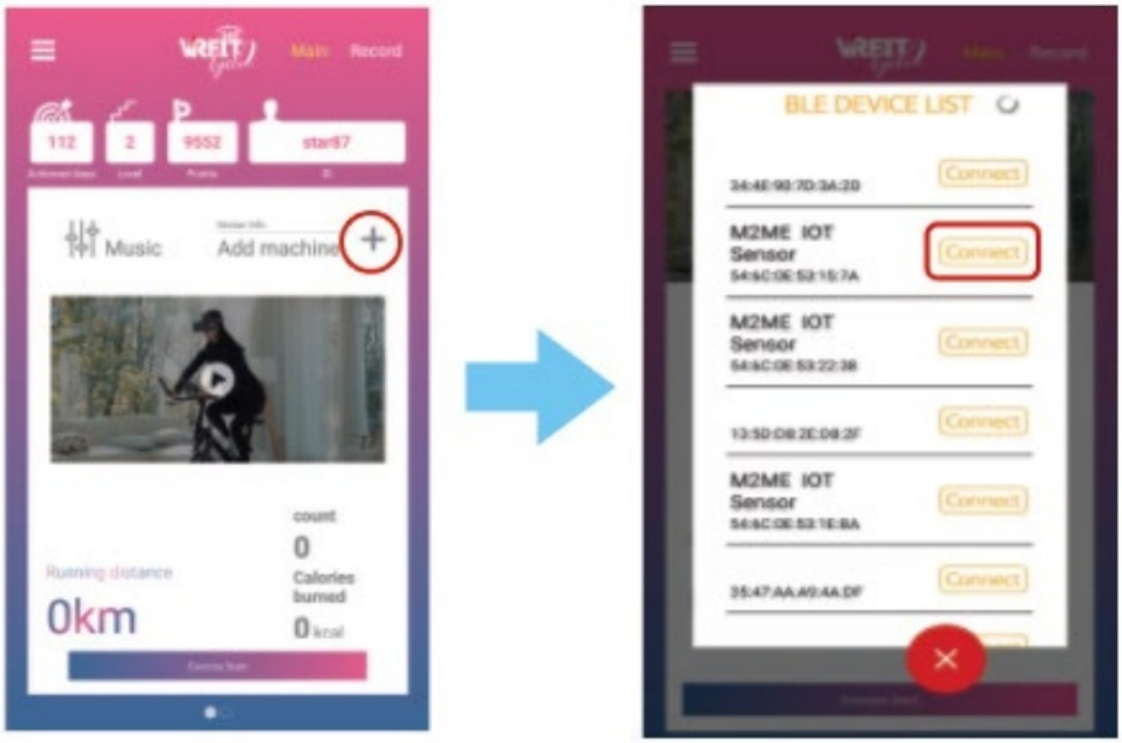
- Button 1 or 2 is pressed : Button 1 or 2 is pressed : Check whether the device is turned on by LED.
- Button 1 is pressed for 3 seconds : Bluetooth connection is disconnected.
- Button 1 and button 2 are pressed simultaneously for 6 seconds: Initialize the device to the factory state.

Getting started with VRFit

1. Attach the IoT sensor to fitness equipment.
   Install it on moving part (e.g. pedal for a bike) with velcro tape.
2. Use your smartphone to search for VRFit in the Play Store and download it.
   Application List (Android)
   -360VRFit Cycle1 : Exercise while watching 360 VR video. (The faster movement in the real world, the faster you go in 360 VR.)

-360VRFit Cycle2 : Users can compete with an avatar, which is based on the real record of other people.
-360VRFit Rowing : Turns the rowing machine into a 360 VR device. Record competition on the lake.
-360VRFit Boxing : With 2 IoT sensors, you can exercise boxing while listening to various music.(iOS & Android)
-VRFit Cycle Pop : Exercise while watching video lectures on YouTube. Provides graphs like RPM and Watt.
-VRFit Rowing Pop : Exercise while watching lake video on YouTube. Provides graphs like stroke and SPM.

3. Run an app and connect the sensor.



4. Start an exercise by pressing the “Exercise start” button

Supported software

- Applications supporting FTMS cycle protocol: Zwift, Bkool fitness, Fulgaz – (iOS & Android) / Kinomap – (iOS)
- Using VRFit Z Assistant (Android) app You can change the watt output level.

Specification

MTOME IoT Sensor

- Model : M2MEIOT1801
- Size : 46(W) X 38(L) X 12(H) (mm)
- Measurable count rate : 30~180 times per minute
- Type of measurement : Rotation & Linear movement
- Bluetooth version : BLE 4.2
- Battery capacity : 388mAh
- Use time : 70 hours (Waiting time: 3 months)
- Charging method : USB C port
- Recommended smartphone : Android 7.0 or higher(Built in Gyro sensor). Some apps support iOS.
- BLE Communication distance : ~7M

Problem-solving

- If the message “Unregistered IoT Sensor” appears.
  It is a device that has not been registered at the factory. Please contact us by email at ‘sj@mtome.co.kr’
- If the sensor is not detected in an app.
  Press the button on the device and check whether the LED is turned on (whether the device is powered on), whether it is being used by another smartphone, or check the battery level of the device.
- When the measurement is not working properly.
  1. Make sure the device is properly attached to the correct position.
  2. Turn the device power off and on.
  3. Press the button to check if the device is turned on
  4. Proceed with device calibration.
  5. Enter the application setting menu, change the measurement type, and find and select the appropriate measurement type.

 # 1~2 errors may occur at the start and end of the exercise.

FCC Compliance Statement

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. this device must accept any interference received, including interference that may cause undesired operation.

FCC Interference Statement
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Caution
Any changes or modifications not expressly approved by the party responsible for compliance could void the user’s authority to operate this equipment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.
FCC Radiation Exposure Statement
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 5 mm between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.
FCC Compliance Statement
This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
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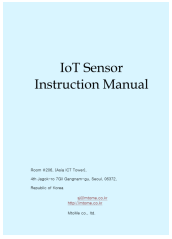
Documents / Resources

	MtoMe IoT Sensor [pdf] Instruction Manual M2MEIOT1801, 2BAKAM2MEIOT1801, m2meiot1801, IoT Sensor, IoT, Sensor

References

- VRFit
- VRFit