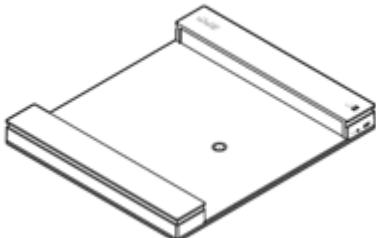


## 1. Product Configuration and Specification

### Product Contents



(GZ-GWPS-22)



(USB Cable)

### Specification

Category	Details
Product Name	Portable Golfsensor_IR
Hardware Version	IR-PUTT V0.9
Software Version	Wave-P1-221128
Size (Weight)	356x307x35mm (900g)
Input voltage	WAVE PUTT : DC 5V USB
Operating temperature	-10~50°C
Communication	WAVE PUTT(GZ-GWPS-22) : BLE 5.0

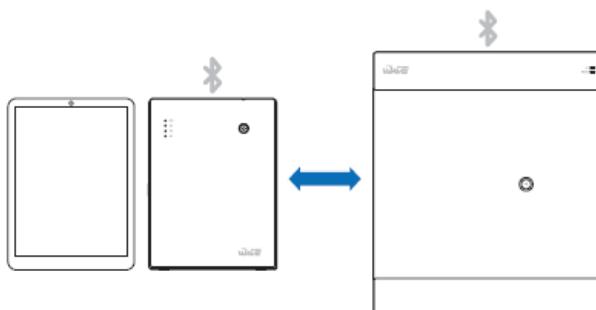
## 2. Product Information

### Component Roles and Functions

Components	Roles and Features
Portable Golfsensor_IR	Putting Hitting Sensing Device Connect via Bluetooth communication
USB CABLE	Power connection device for Portable Golfsensor_IR (GZ-GWPS-22)

### Product connection configurations

#### WAVE PUTT



WAVE PUTT is connected to WAVE RADAR via Bluetooth.  
(However, the WAVE RADAR and the control unit must be connected.)

WAVE-P1 is a product that measures putting.

It is a product that measures the speed and direction of the ball rolling when it is hit with a putter with the ball in the ready position.

The principle of measuring the ball is to measure it with an IR sensor.

This is how IR-RX recognizes when the ball passes through when the IR-TX fires a signal.

#### WAVE P1 Indicate LED



##### BT LED

- On green LED: Bluetooth connection
- Blinky green LED: Power on & Bluetooth disconnect



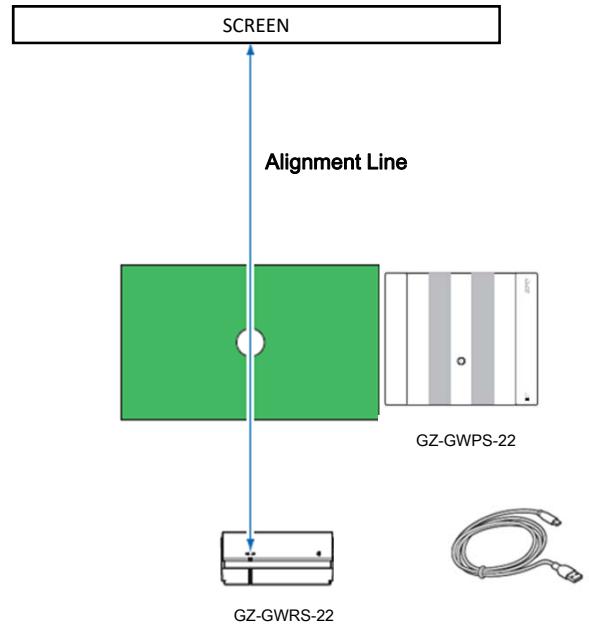
##### Ready LED

- On green LED: Ready

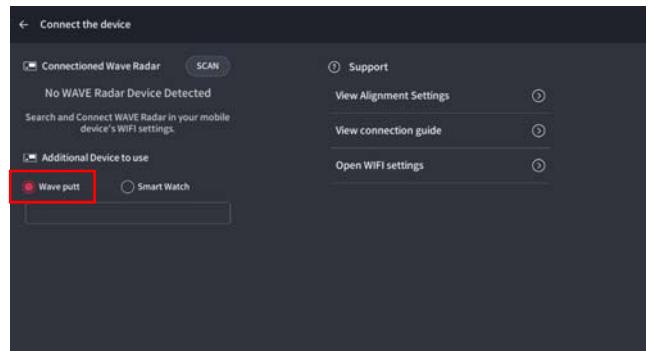
### 3. Product Installation

#### Portable Golfsensor\_IR(GZ-GWPS-22) Installation

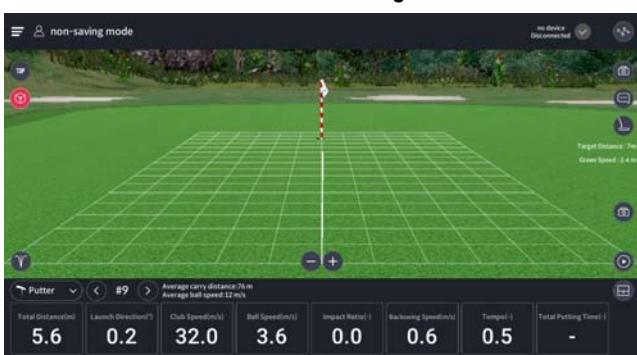
1. Place GZ-GWPS-22 outside the range of GZ-GWRS-22 as shown on the right. (Place GZ-GWPS-22 on a flat floor. Otherwise it may affect direction.)
2. Connect the power using the included USB cable. (Recommend to use 5V 100mA or more.)
3. After connecting GZ-GWRS-22 in WAVE Skills, connect with GZ-GWPS-22. (GZ-GWPS-22 cannot be used alone.)
  - I. Open the WAVE Skills app and log in. (Guest mode available)
  - II. Set Connect the device → Additional device to use → Wave putt.
  - III. Connect GZ-GWPS-22.
4. Enjoy a practice and game at WAVE Skills.



WAVE Skills Login



Connection settings for GZ-GWPS-22



Skills Practice mode



Skills game mode

## 4. FCC Caution

### FCC Caution

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#### **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 A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

#### **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 20 cm between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.