

<Free repair regulations>

5. During the warranty period described in this manual, we will repair the product free of charge if it breaks down under normal usage conditions following the precautions in the instruction manual.

2. If the product malfunctions during the warranty period and you wish to receive a free repair, please bring the product and this manual and present it to the store where you purchased the product for repair. Please ask for 3. If you purchased the product as a gift, such as when you moved house, and are listed on this warranty

contact the customer service center. 4. Within the warranty period, if the product will be changed in the following cases even within the warranty period: (a) Due to

There is no [specification] for this [product], and [if specified] the manufacturer should not be held liable for the [product], and [if specified] the manufacturer should not be held liable for the [product], and [if specified] the manufacturer should not be held liable for the [product].

Replacement and consumables such as the built-in battery and display

10

100%

*Please keep this manual in a safe place so as not to lose it.

* This warranty promises free repairs under the terms and conditions specified in this document. Therefore, this warranty does not limit your legal rights, so if you have any questions regarding repairs after the warranty period has expired, please contact the store where you purchased the product or our customer service center.

contact the store where you purchased the product or our customer service center.

operating instructions



Thank you for purchasing the Jupiter GOLF SWING TRAINER. This device allows you to check the head speed, ball speed, estimated flight distance, and contact rate, which are important in golf, for each club.



* By connecting this unit and your smartphone via Bluetooth®, you can use the dedicated app. Please read this manual carefully before installing and using the dedicated app, refer to the website: <http://www.yupitru.co.jp>

Recommended pickup

count display

- Count the number of swings!

P.20

nice shot! • A nice shot is

displayed when the meet rate is 1.40 or higher!

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Display 4 items at once! •

Head speed, ball speed, flight distance,

Check the meet rate at a glance!

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- Connect this unit and your smartphone via Bluetooth!

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Safety precautions

Please read these "Safety Precautions" carefully before use, and use the product correctly. The precautions described here are intended to ensure correct use of the product and to prevent injury or damage to the user. Be sure to follow the safety instructions as they are important.

•In order to clarify the extent of hazards and damages, we categorize and explain the possible consequences of incorrect handling using the following labels.


-  **DANGER:** Contents that indicate that there is a high risk of death or serious injury. **WARNING:** Indicates "Possible risk of death or serious injury". **CAUTION:** Indicates that "minor injury or property damage may occur".

About pictograms


-  This is a "compulsory" item that must be performed.
-  This is a "prohibited" content that must not be done.
-  This is a "caution" that you should be aware of.
-  Indicates related pages.


•Safety precautions WARNING





-  Stop using immediately if there is any abnormality, failure or damage. Continued use may result in fire, ignition, or electric shock. <Examples of abnormal conditions> •A foreign object has entered the product •The product has been submerged in water •Smoke is coming out •There is a strange odor Immediately stop using the product, unplug the power cord, and return it to your dealer. Or contact the customer service center.


* P.46 "After-sales service"

-  If you use a medical device such as a cardiac pacemaker, please check with the manufacturer of the electronic medical device or your doctor about the effects on the medical device.

-  If you have a medical condition, are pregnant, or are pregnant, consult your doctor before using this machine. It is extremely dangerous to practice in parks or other places


-  used by an unspecified number of people, so please do not practice under any circumstances.

-  When swinging the club, be aware of your surroundings and make sure that there are no people or pets within the range of the club's path, and that there are no obstructions to your swing. It may cause injury to people or property.


-  Never attempt to disassemble or repair the main unit and accessories of this product unless you are a serviceman.

Doing so may cause an electric shock or malfunction. Ask your dealer for internal inspections, adjustments, and repairs.





-  Do not store this unit in the following places. Doing so may cause discoloration, deformation, or malfunction. •Places where the temperature is higher than +50°C, such as places exposed to direct sunlight or near heaters

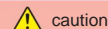
•Places with a lot of humidity, dust, or oily smoke •On the dashboard or in a car with the windows closed in the hot sun

-  Do not insert metal objects such as pins or wires into holes or gaps. It may cause electric shock or malfunction.




-  Do not put the device in a fire, microwave oven, oven or pressure vessel. Also, do not heat the device. Doing so may cause explosion, fire or burns.

-  Do not use in hospitals, airplanes, or other places where use is prohibited. Electronic devices may malfunction, resulting in serious accidents.







caution

-  Do not operate the buttons with the tip of a club or anything like a stick. Doing so may cause damage or malfunction.

-  Do not operate with wet hands.


Doing so may cause an electric shock.




-  Do not continue to use the product with condensation. Doing so may cause malfunction or overheating. (Condensation may form inside the unit if it is moved from a place with a low temperature to a place with a high temperature.)
-  Do not drop it or give it a strong shock. Doing so may cause damage or malfunction.
-  Avoid extreme high and low temperatures, and use within the operating temperature range of 0 to +45°C.
-  Firmly insert the connection. Failure to do so may result in fire, electric shock, or malfunction.

•Maintenance of this machine

Caution


-  Do not wipe with volatile chemicals such as benzene or thinner. damage the painted surface.




-  Do not use water or solvents to clean the exterior of the machine. Clean with a dry, soft cloth. If a foreign object gets inside the product, stop using it and contact the store where you purchased it.


•About the AC adapter

Risk

-  When charging, be sure to check the Please use the AC adapter. Using an AC adapter other than the one supplied may cause heat, smoke, explosion, or fire.









-  Do not plug or unplug the connector with wet hands. Doing so may cause electric shock.

warning

-  If the USB connection cable is damaged or the main unit overheats, stop using it immediately. It may cause fire or electric shock.

•About the built-in lithium-ion battery

Risk

-  Do not disassemble or modify the lithium-ion battery. Doing so may cause the lithium-ion battery to leak, generate heat, emit smoke, explode, or ignite.
-  Do not give a strong impact to the product or throw it. Doing so may cause the lithium-ion battery to leak, overheat, smoke, explode, or ignite.
-  Do not use or leave the lithium-ion battery near fire, stoves, or other high-temperature locations (80°C or higher). If the resin separator is damaged by heat, the lithium-ion battery may short-circuit internally, causing fluid leakage, heat generation, smoke emission, explosion, or fire.
-  Do not charge or leave the battery near fire or under the hot sun. Doing so may cause an abnormal chemical reaction inside the lithium-ion battery, causing it to leak, generate heat, emit smoke, explode, or ignite.
-  Do not throw the lithium-ion battery into fire or heat it. Doing so may melt the insulator or ignite the electrolyte, resulting in fluid leakage, heat generation, smoke, explosion, or fire.
-  Do not pierce it with nails, hit it with a hammer, or step on it. Doing so may damage or deform the lithium-ion battery, resulting in an internal short circuit, which may result in fluid leakage, heat generation, smoke emission, explosion, or fire.
-  Do not immerse the lithium-ion battery in water, seawater, etc., or get it wet. Doing so may cause an abnormal chemical reaction inside the lithium-ion battery, causing the lithium-ion battery to leak fluid, heat up, smoke, explode, or ignite.
-  If the lithium-ion battery leaks and the liquid gets in your eyes, do not rub your eyes, but immediately wash your eyes thoroughly with clean water such as tap water, and then immediately seek medical attention. If left unattended, the liquid may damage your eyes.

! warning

- !** If charging does not complete even after the specified charging time, stop charging. Doing so may cause the lithium-ion battery to leak, overheat, smoke, explode, or ignite.
- !** If the lithium-ion battery leaks or gives off a strange odor, immediately remove it from fire. Leaked electrolyte may ignite, causing smoke, explosion, or fire.

! caution

- !** The charging temperature range for lithium-ion batteries is as follows. Charging: 0°C to +45°C
Doing so may cause the lithium-ion battery to heat up suddenly or break the seal, causing it to leak, heat up, smoke, explode, or ignite. It may also reduce the performance and life of lithium-ion batteries.
 - !** If the lithium-ion battery leaks and the liquid gets on your skin or clothes, immediately wash it off with clean water such as tap water. It may cause skin rashes.
 - !** When you use the product for the first time after purchasing it, if you notice rust, a strange odor, heat generation, or other abnormalities, stop using it and take it to the shop where you purchased it.
 - !** Keep lithium-ion batteries out of reach of infants.
- ⊘** Do not touch a live lithium-ion battery for a long time.
The temperature can rise considerably. Prolonged skin contact may cause low-temperature burns.
 - ⊘** Do not use wet Li-Ion batteries.
Doing so may cause malfunction, electric shock, heat generation, or fire.
 - ⊘** Do not touch the lithium-ion battery with wet hands. Doing so may cause an electric shock.
 - ⊘** Do not use or leave the product in a place exposed to strong direct sunlight or in a hot place such as inside a car in the hot sun. Doing so may cause liquid leakage, heat generation, or smoke generation. It may also reduce the performance and life of the lithium-ion battery.

• SD card

! warning

- !** Before inserting or removing the SD card, make sure that the power of this unit is not turned on.
- !** The SD card only fits in one way. Check the insertion direction carefully before inserting. Forcing it in may damage the unit.



•Frequency and radio wave interference (Bluetooth)

! warning

- !** This unit uses frequencies in the 2.4 GHz band. This frequency band is also used by industrial, scientific, and medical equipment, various radio stations, and wireless LANs (hereafter referred to as "other radio stations"). If radio wave interference with "other wireless stations" occurs during use, either change the location of use or stop using this unit (stop transmitting radio waves).

Precautions for use

- Be sure to charge the battery before use. If the battery level is low, the power may turn off during use and the product may become unusable.

- We are not responsible for any damage caused by natural disasters, fires, other accidents, intentional or negligence on the part of the customer, product modification, etc.
- We are not responsible for any damage caused by failure to follow the instructions for use and other matters to be observed in the manual.
- The specifications, appearance, icons, display names, and display contents of this unit may differ from the actual product, and may be changed without prior notice for improvement.

Notes on the display

- Do not forcefully press the display with a pointed object such as a fingernail or a ballpoint pen. Failure to do so may cause injury due to malfunction or damage to the display.
- Do not rub or scratch the display with metal. Doing so may cause injury due to malfunction or damage to the display.
- When using sunglasses, the display may not be visible due to the polarization characteristics. Please note. • If the ambient temperature becomes extremely high, the display may turn black. This is a characteristic of the liquid crystal display and is not a malfunction. When the ambient temperature is within the operating temperature range, it will return to its original state.

- The LCD panel is manufactured with extremely high precision technology, and although it has 99.99% or more effective pixels, there are 0.01% of pixels missing or permanently lit. Please note.

Notes on warranty

- This product is guaranteed for one year from the date of purchase. (however, Accessories such as USB connection cables, AC adapters, and consumables are not covered by the warranty.

Notes on the built-in lithium-ion battery

- Lithium-ion batteries have a limited service life. increase.
- If the usage time becomes shorter even after charging, ask your dealer to replace the built-in battery (rechargeable lithium-ion battery). • For safety reasons, the battery cannot be charged at high or low temperatures. The charging temperature range is 0 to +45°C.

When you no longer need the lithium-ion battery, attach insulating tape such as cellophane tape to the metal part and recycle it according to the regulations of your local government, or take it to the nearest recycling store. Please refer to the website of the general incorporated association JBRC (<http://www.jbrc.com/>) for recycling stores.



Precautions regarding combination with other companies' products

- Since we have not verified the operation of other companies' products, we cannot guarantee their operation. Please note.

Precautions regarding the Radio Law

This product is a product with a built-in radio equipment that has received construction design certification under the Radio Law. You can use it with confidence, but please pay attention to the following items.

- Do not use the product overseas.

Disassembly or modification is prohibited by the Radio Law. Modified use may be punishable under the Radio Law.

Precautions regarding handling

- If the device becomes dirty, wipe it with a soft cloth. Do not use materials that easily generate static electricity, such as polyester, or benzene, thinner, chemical wipes, or detergents. • Do not use accessories or options other than those described in this manual. We cannot guarantee the operation if other than that is used.

Trademarks

- Bluetooth® is a trademark of Bluetooth SIG, Inc., USA.

Radio interference (Bluetooth)

In the frequency band (2.4 GHz) used by this unit, industrial, scientific, and medical equipment such as microwave ovens, as well as premises radio stations for identifying mobile units used in factory production lines, etc. radio stations that require a license), specified low-power radio stations (radio stations that do not require a license), and amateur radio stations (radio stations that require a license). This device conforms to technical standards for low-power data communication system radio station equipment based on the Radio Law (uses certified parts). Therefore, you do not need a radio station license to use this unit. Please use only in Japan. Using the product outside Japan may violate the radio laws of each country. • Before using this unit, make sure that there are no mobile identification premises radio stations, specified low-power radio stations, or amateur radio stations operating nearby. • In the unlikely event that this unit causes harmful radio wave interference to a local radio station for identifying mobile units, immediately change the frequency or stop emitting radio waves. , please contact the customer service center and discuss how to avoid interference.

- In addition, in the event of harmful radio wave interference from this unit to specific low-power radio stations for identifying mobile units or amateur radio stations, please contact the customer. Please contact the consultation center. (* P.46)

2.4FH1

- This display means that the product uses the 2.4GHz band.

2.4: Wireless equipment that uses the 2.4 GHz band.

FH: Indicates that the modulation method is FH-SS method. 1: Radio interference distance is 10m.

▬ : Uses the entire band and cannot avoid the band of the mobile identification device.

Names and functions of each part

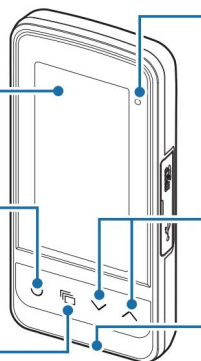
Body

Front

The LCD screen displays detection results, remaining battery power, etc.

[Use the button to turn the unit on/off.]

[Display storage values or history, etc.]



LED lamp The LED lamp is turned off during operation and detection. Please refer to the following for the status of the LED lamp. •Charging..... P.15 •When Bluetooth is working...P.37

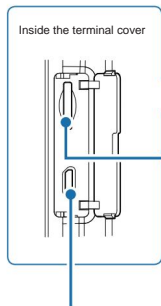
[Use the button to select.]

Sensing Sensor - Face this side in the direction you want to hit the ball. (* P.26, 28)

* For button operations, * refer to P.33 "Button Operation List".

back

Inside the terminal cover

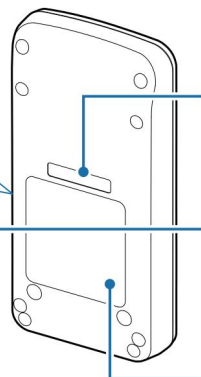


Connect the included AC adapter and USB connection cable to the microUSB port to charge the unit. (* P.14) * You can also charge the battery from a computer's USB port.

The serial number manufacturing number is printed.

microSD card slot When managing data, you can save it to a commercially available microSD card. (* P.16)

Nameplate sticker



1. Accessories

Please check the accessories before use. ヱ

USB connection cable (approx. 1m) ヱ AC adapter1



ヱ Angle adjustment bracket ... 1



ヱ Instruction Manual/ Warranty (this document)1

2. Additional purchase of accessories

• When purchasing additional accessories, please specify the model name as well as "** (required parts) for XX (model name)" when placing an order with the store where you purchased the product or our nearest dealer. • Some items can be purchased on our website.

For details, please visit the website below.

ヱ Yupiteru スペアパーツ ダイレクト

<https://spareparts.yupiteru.co.jp/>

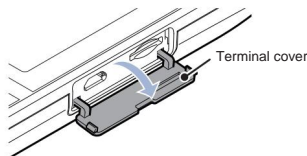
About charging

1. Charge the lithium-ion battery

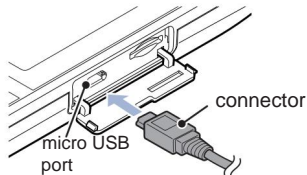
Charge the battery using the included AC adapter or a computer.

(Chargeable temperature range: 0 to +45° with overcharge prevention circuit)

1 - 1 Open the terminal cover of the main unit

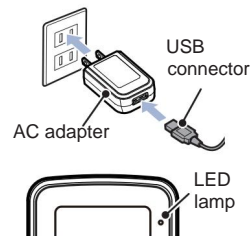


1 - 2 Connect the connector of the USB connection cable into the microUSB port



* Connect the connector of the USB connection cable in the correct orientation. Please give me. Connecting in the wrong direction may cause malfunction or damage. If you cannot make a good connection, check the connection part thoroughly before connecting.

1 - 3 Plug the AC adapter into a 100V AC outlet. and plug the USB connector into the AC adaptor.

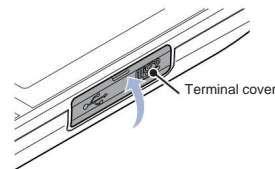


| LED lamp status | Body behavior |
|-----------------------------|---|
| Lights up in red | Charging |
| completes Lights up in blue | |
| peach lit | Abnormal temperature of built-in battery or end of life |

1 - 4 When charging is complete, unplug the AC adapter from the outlet and remove the connector from the main unit.

After about 3 hours of charging, the battery will be fully charged and charging will stop automatically. * The charging temperature range for this unit is 0 to +45°C. For safety reasons, the battery cannot be charged at high or low temperatures.

1 - Firmly close the terminal cover



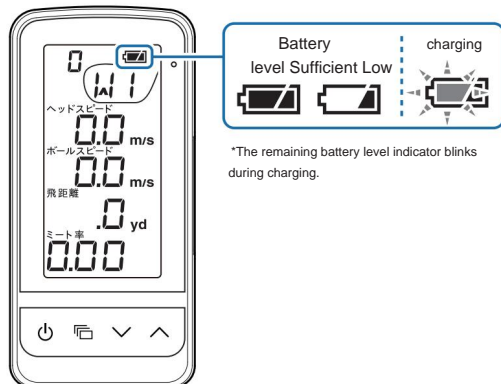
Make sure there are no gaps or floats.

• We can charge from PC.

Turn on your computer and connect it to your computer with the included USB connection cable. It will be fully charged in about 3 hours. * Connect directly to the computer's USB port. If you connect via a USB hub, etc., charging may not be possible due to insufficient capacity.

2. About the remaining battery level display

When the battery level of the LCD screen is low, please charge it.



Estimated usage time

Approximately 10 days when fully charged (charging for approximately 3 hours) (when used for 1 hour per day) * Usage time may be shorter depending on settings and usage conditions. * If the usage time becomes shorter even after charging, have the built-in lithium battery replaced by your dealer.

Please request replacement of the ion battery.

Removing/inserting the SD card

In this manual, "microSD card" is referred to as "SD card" unless otherwise specified. * SD card is not included. For data management (* P.23), prepare a commercially available SD card of 32 GB or less separately.

*Is there any guarantee for malfunctions due to compatibility between this unit and the SD card?
I will sleep.

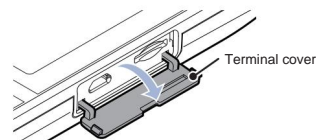


CAUTION • Do not remove the SD card from the main unit while the SD card is being accessed (data is being read/saved, etc.). It will be the cause of the failure.

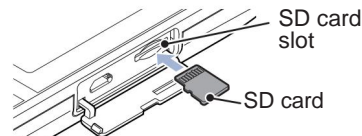
- Before inserting/removing an SD card, turn off the power of the main unit.
- The SD card can only be inserted in one direction. Insert the SD card as shown. Forcing it in may damage the main unit.

1. Insert the SD card into the main unit

1-1 Open the terminal cover of the main unit

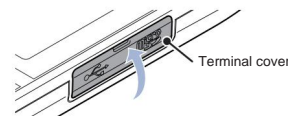


1-2 Insert SD card



Push the SD card into the slot until it clicks.

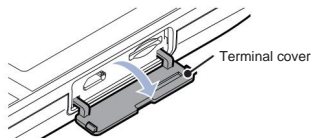
1-3 Securely close the terminal cover.



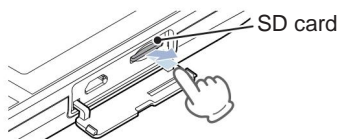
Make sure there are no gaps or floats.

2. Remove the SD card from the main unit

2 - 1 Open the terminal cover of the main unit

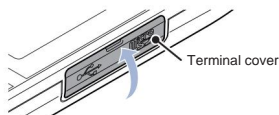


2 - 2 Push in the SD card, pop it out a little, and then pull it out.



* Be careful not to lose the SD card when it pops out.

2-3 Securely close the terminal cover.



Make sure there are no gaps or floats.

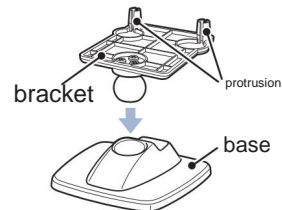
About the angle adjustment bracket



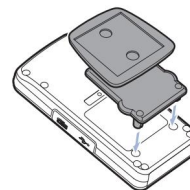
CAUTION When the angle adjustment bracket is attached to the main unit, do not lift only the bracket or base. The main unit may fall off and cause injury or malfunction.

1. Install the angle adjustment bracket

1 - Attach the bracket to the 1 base



1 - 2 Attach the bracket to the body

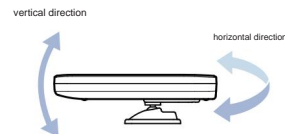


Insert the protruding part of the bracket into the hole on the back of the main unit.

* Push it in until there is no space between the main unit and the bracket.

Please give me.

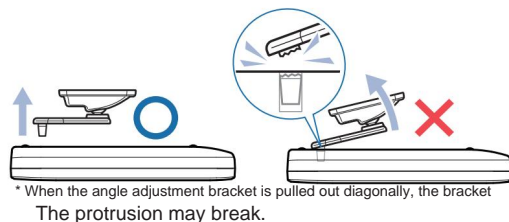
1 - 3 Adjust the angle



Hold the bracket part and adjust the angle. * If you adjust the angle without pressing the bracket, the angle adjustment bracket may come off from the main unit. * Adjust the angle so that the main unit is horizontal.

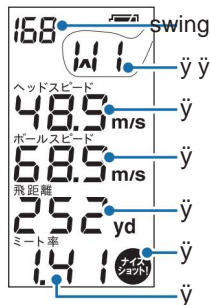
2. Remove the angle adjustment bracket

2-1 Hold the bracket and pull it straight up from the main unit.

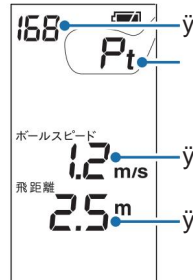


About the screen

Screen during



Screen when putting



| No. | display name | |
|-----|------------------|--|
| 1 | Number of swings | Explanation Practice swings are not counted as the number of swings, but the head speed is displayed. Up to 199 swing counts are displayed. If it exceeds 199, it repeats from 0. * The number of swings is reset when the power is turned off. If the auto power off function works, it will not be reset. (* P.23) |

| No. | Display name | Description |
|-----|-------------------|---|
| 1 | Club display | Displays the club you are using. |
| 2 | Head speed | Shows the club head speed. |
| 3 | Ball speed | Displays the ball speed. |
| 4 | Flying distance | Displays the estimated flight distance. * When swinging, the flight distance of about 30 yards or less cannot be displayed. |
| 5 | nice shot display | Displayed when the meet rate is 1.40 or higher. * Displayed only for W1, W3, W5, W7, and W9. |
| 6 | Meet rate | Displays the meet rate. (* P.22) |

About flight distance

Distance is calculated from ball speed. If the ball speed cannot be

detected, such as with a practice swing or a ball with a high trajectory (a ball hit with a large iron, etc.), it is calculated from the head speed. *

Since the distance calculated from the ball speed takes into account the coefficient of restitution of the head and the ball, it is possible to calculate a more accurate value than the distance calculated from the head speed.

Flying distance calculation standard

We collect a lot of data from general clubs on the market, and calculate the carry distance based on the obtained coefficients. Distances include runs that assume average spin, no wind, and flat terrain. Depending on the club you use, there may be a discrepancy between the distance displayed and the actual distance. The direction of the hit ball is not taken into consideration.

Distance calculation conditions (set loft angle and turf conditions) and club icons

| | | | | |
|--------|---------|--------|--------|--------|
| wood | 1W 9.5° | U2 17° | 13 20° | PW 46° |
| | 1W3 15° | U3 20° | 14 22° | |
| | 1W5 18° | U4 23° | 15 25° | PW 50° |
| | 1W7 21° | U5 25° | 16 28° | |
| | 1W9 23° | U6 28° | 17 31° | SW 56° |
| | | | 18 35° | |
| | | | 19 40° | LW 60° |
| putter | Pt | | | |

Calculated based on a green speed (stimp) of 8.8 feet.

* Loft angle and turf conditions cannot be changed.

Detection of putting distance

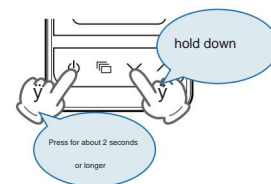
Calculated and displayed based on a green speed (stimp) of 8.8 feet.

About the auto power off function

If there is no detection or operation for about 5 minutes or more, the power will automatically turn off.

off function by pressing the [] button over the [] button and [] for about 2 seconds or longer to turn on the power.

* Settings are not retained.



About data management

History (head speed/estimated flight distance/ball speed/meet rate) can be saved on an SD card and managed on a computer with "data management software" installed. * For details on how to obtain and use the data management software (freeware), please check our website. <http://www.yupiteru.co.jp/> * Use the SD card exclusively for this unit. * The data that can be saved on the SD card are head speed, ball speed, estimated flight distance, meet rate, and club type.

* The history in the SD card will not be overwritten even if it is the same file. * You may not be able to save if the charge is low.

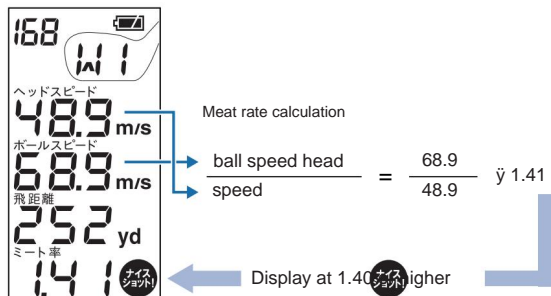
1. Save history to SD card

1 - 1 Insert the SD card (* P.17)

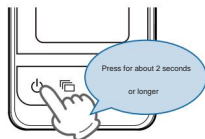
About meet rate


It is calculated as "ball speed / head speed".

* The larger the loft angle of the club, the smaller the meet rate value.



1 - 2 Turn on the power



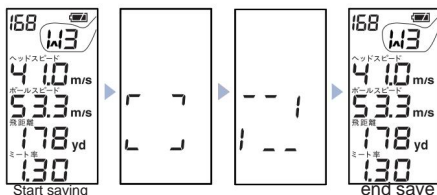
[] for about 2 seconds or more.

1-3 [

] for about 2 seconds or more.



<Save operation>



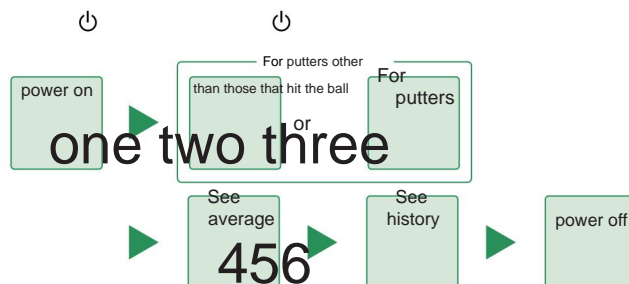
1 - 4 Installed data management software

Manage SD card history on your computer

- For details on how to use the software, check our website or the help of the data management software. • Since this machine does not record the date and time (the date when the history is loaded into the computer is recorded), some functions of the data management software cannot be used. (such as selecting and sorting by history date)
- Even if the history is saved on the SD card, the history on the unit will not be deleted. plug.

Procedure from power ON to OFF


If you want to use the default values after purchase, follow the steps below. In this manual, [] represents buttons unless otherwise specified. Example: The [] button is written as [].

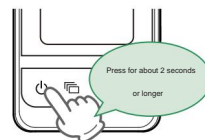


CAUTION - Install the machine on a flat, flat surface with no obstacles between the machine and the ball. - If the sensor is installed directly on the ground and an obstacle prevents accurate detection, adjust the height using the accessory angle adjustment bracket.

1. Turn on the power

1-1


[] for about 2 seconds or more.



The power is turned on and the detection standby state is entered. * The previous display screen is displayed when the power is turned on.

2. Hit the ball (other than putter)

Displays the number of swings, head speed, ball speed, estimated flight distance, and meat rate for a single swing.

2-1 Select [] or [] and select the club you want to use.



• Press [] or [] to fast forward and display.

Selectable clubs

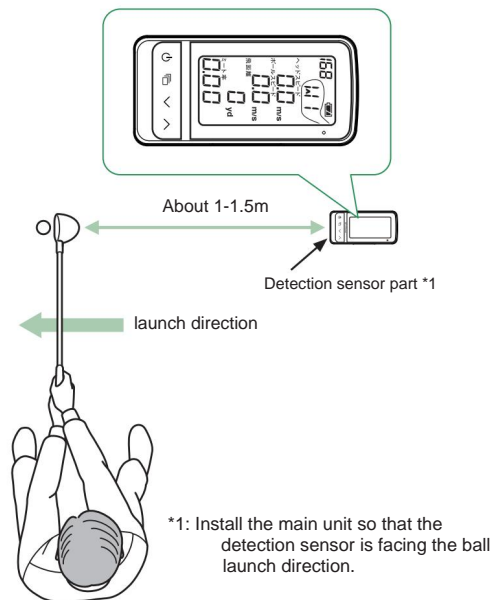
| | |
|----------------------|--------------------|
| wood | W1, W3, W5, W7, W9 |
| utility | U2 to U6 |
| iron | I3 to I9 |
| Wedge PW, AW, SW, LW | |

* See * P.22 for club type icons .

2 - 2 Place the main body about 1 to 1.5m behind the ball (for one club)

Example: Right-handed

* You do not need to change the settings even if you are left-handed.



*1: Install the main unit so that the detection sensor is facing the ball launch direction.

2 - 3 The detection result of

swinging will blink for about 3 seconds. After detection, the LCD screen changes from blinking to lighting, and the result is updated. * Swing data for which the ball speed could not be detected will not be saved in the history.

* For details on the screen during the swing...
P.20 Swing Screen

Images may not be displayed correctly in the following cases. • If the trajectory of the ball is high (the launch angle is large) or if it deviates to the left or right, it may not be possible to detect the ball speed. • A club with a large loft angle has a large launch angle, so it may not be possible to detect the ball speed.

• When using a golf practice net, etc., the ball speed may not be detected if the distance from the launch position to the net is less than 3m. • If the ball speed is less than 15.0m/s, it cannot be detected. • If the head speed is less than 10.0m/s, it cannot be detected. - When using multiple units, keep a distance of about 2m from each other. If multiple units are used at close range, correct detection may not be possible.

3. Hit the ball (for putters)

Detects the ball speed and displays the putting distance calculated from the detection results.

3-1 [] or [select ^] to select the putter (Pt).

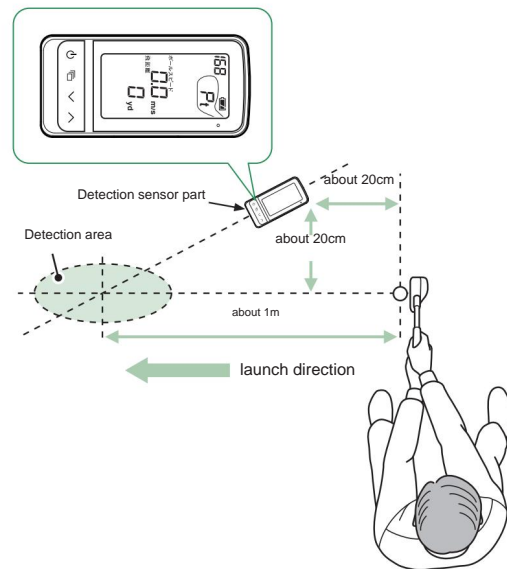


• Press [] or [to fast forward] to select the putter (Pt).

3-2 Insert the main unit as shown below.

Example: Right-handed

* There is no need to change the settings even if you are playing left-handed.



3 - 3 putts

The detection result blinks for about 3 seconds. After detection, the LCD screen changes from blinking to lighting, and the result is updated. * Green speed (stimp) is calculated assuming 8.8 feet.

• For details on the screen when putting...

* P.20 "Screen when putting"

Images may not be displayed correctly in the following cases. • If the distance the ball moves is short (approximately 1 m or less), it cannot be detected. not. •

The head speed cannot be detected. •

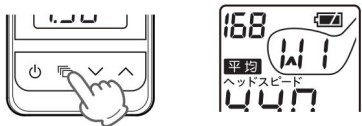
Accurate detection may not be possible if there are moving objects or people near the detection area. Also, moving objects or people near the detection area may be detected and displayed.

• Actual distance may not match due to turf, undulations and other conditions. - When using multiple units, keep a distance of about 2m from each other. If multiple units are used at close range, correct detection may not be possible.

4. Look at the average



Shows the average value for each club. * Clubs with no detection history are not displayed.

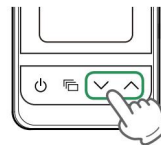
4-1 [] push





is displayed on the **平均** screen, and the average value of W1 (1st wood) is displayed. * If you swing the club or hit the ball while the average value is displayed, the average value display will end and the detection result will be displayed on the LCD screen. * If a putter (Pt) is selected in the club selection, only the ball speed and flight distance (putting distance) are displayed. * If there is no button operation for about 10 seconds, the average value display will end.

4-2

平均 [] or [] push



Press and hold [] or [] to fast forward the display.

You can check the average of other clubs.

5. View history

While displaying the  to display the maximum average value, [Display 199 records.

* Swings where the swing or ball speed could not be detected are saved in the history.

* Up to 199 history records are stored. When the number exceeds 199, the oldest history is deleted and the new history is overwritten. "1" is the latest history.

* Refer to * P.23 when saving history to SD card .

5-1

平均 is displayed, [] push



is displayed on the **履歴** screen. * Even if the history is

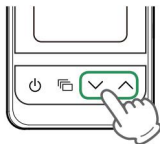
displayed, if you swing the club or hit the ball, the history display will automatically end and the detection result will be displayed on the LCD screen.

* If there is no button operation for about 10 seconds, the history display will end.

5-2

履歴 [

▽] or [^] push



- To delete the history...
- * P.36 "Erase History"

You can check other history.


Button operation list

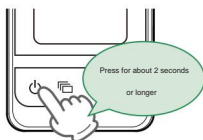
Button



6. Turn off the power

6-1

[] for about 2 seconds or more.



The number of swings is reset and the power is turned off. * Past display results are stored in the machine as history. The history is retained even when the power is turned off. Also, the history (* P.31) and distance coefficient (* P.34) will not be deleted even if the battery runs out.

| | Method of operation | Explanation | page |
|-----------------|--|--|------|
| O N hours | Press " " for about 2 seconds or more | to turn off the power. | P.32 |
| | Press and hold " " for about 2 seconds or more | to save the history to the SD card. P.23 | |
| | Press " " or " " to select. | | |
| | " " push | look at the average. | P.30 |
| | 平均 Press " " while " " displayed | View history. | P.31 |
| | Press " " and " " at the same time for about 2 seconds or more | Batch delete history. | P.36 |
| O F hour | Press " " and " " at the same time for about 2 seconds or more | Remove pairing. P.42 | |
| | Press " " for about 2 seconds or more | to turn on the power. | P.25 |
| | While pressing " ", press " " for about 2 seconds or more. While | Activates the auto power off function in the OFF state. | P.23 |
| | pressing " " and " ", press " " for about 2 seconds or more. | Sets the flight distance factor. P.34 | |
| | While pressing " ", press " " for about 2 seconds or more. | Returns the flight distance coefficient to the initial value. P.35 | |
| | While pressing " ", press " " for about 2 seconds or more. While | Pair with your smartphone. P.38 | |
| | pressing " ", press " " for about 2 seconds or more. | Pair with golf navigation (Bluetooth compatible). | P.41 |

Setting the flight distance factor

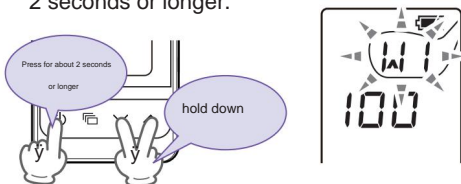
If the displayed flight distance is significantly different from the actual flight distance, or if you use a range ball, etc., you can change the flight distance coefficient to match the actual flight distance. * The flight distance displayed is a calculated value based on what is detected. Changing the distance coefficient does not necessarily mean that the actual distance will match the displayed distance.

Please use it as a guide. * You can set the flight distance coefficient for each club type. * Changing the flight distance coefficient does not affect head speed or ball speed.

1. Set the flight distance factor

1 - 1 Turn off the power (* P.32)

1 - 2 While holding down [] and [], press [] for about 2 seconds or longer.



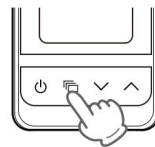
The power turns on, and the club type (blinking) and distance factor (lit) settings are displayed. * The selected item blinks.

1 - 3 [] or [Select] ^] to select the club seed.



• Press and hold [] or [] to fast forward the display.

1-4 [] push

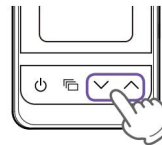


The flying distance factor flashes.

1 - 5 [] or [Select]

^] to change the flight distance factor to

• To change the club type :
type Select to return to the club



• When finished yy
Press and hold [] to turn off the power.

• You can change the setting of the

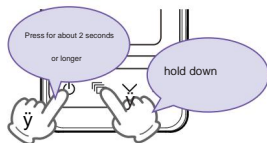
flying distance coefficient in 1% steps within the range of 50 to 150%. (Initial value: 100) Example: If you want to increase the distance display by 10%, set it to 110%, and if you want to display it smaller, set the coefficient to less than 100%.

2. Return the flight distance coefficient to the initial value

* Even if you perform this operation, the history (* P.31) will not be deleted.

2 - 1 Turn off the power (* P.32)

[], press [] for at least 2 seconds



The power is turned on, and the flying distance coefficient returns to the initial value.

clear history

1. Erasing the history of this machine all at once


* You cannot delete each item individually.

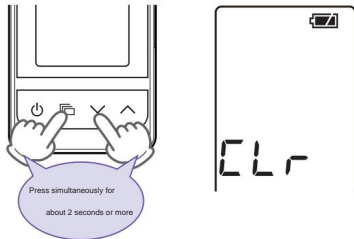
* The flight distance coefficient setting will not be changed. Also, the number of swings is reset.

not.

* Deleted history cannot be recovered. Before deleting the history to the computer (* P.23) is recommended.

1 - 1 Turn on the power (* P.25)

1 - 2 Press [] and [] at the same time for about 2 seconds or longer.



" " will be displayed on the LCD screen for about 2 seconds, and all history will be deleted.

About pairing (Bluetooth connection)

When using the dedicated app for the first time or when changing the smartphone to be used, perform pairing. * There is no need to perform pairing when using this unit alone. * Devices that can be paired with this unit are only one smartphone and one of our golf navigation systems (Bluetooth compatible). You cannot pair with multiple smartphones at the same time. When changing smartphones, delete the pairing (* P.42) before pairing. * When pairing, this unit may not pair if there is another GST-7 BLE nearby. In that case, please pair it a little further away.

1. Install the dedicated app

Install the dedicated app "GST App" on your smartphone. Please refer to the QR code below or our website for the installation method and applicable models.

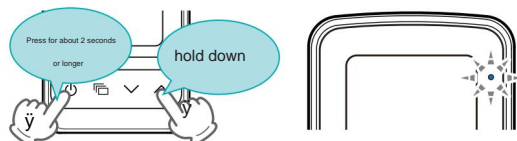
<https://www.yupiteru.co.jp/app/gst-app/>



2. Pair with your smartphone

2-1 Turn off the power (* P.32)

2-2 While holding down [], press [] for about 2 seconds or more.



The power turns on and the LED lamp blinks blue. * Perform steps 2-3 to 2-4 while the LED lamp is blinking blue (for about 1 minute).

| LED lamp status | Body behavior |
|-----------------|------------------------------------|
| Blinking blue | Preparing for Bluetooth connection |
| lights out | Bluetooth connection completed |

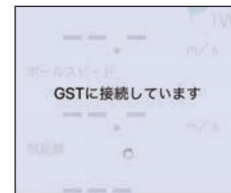
2-3 Turn on the smartphone's Bluetooth

* Please refer to the instruction manual of your smartphone for how to turn on Bluetooth.

The subsequent steps will vary depending on your device.

For iOS

2-4 Start the dedicated app (GST App)



2-5 Touch [Pairing]



After pairing is successful, the LED lamp (blinking blue) on the main unit will turn off. * BLE connection confirmation is displayed only for the first time. Touch [Pairing]. * About 1 minute after step "2-2" (* P.38), the main unit

The LED lamp (blinking blue) turns off and pairing cannot be performed. Start again from step "2-1" (* P.38).

For Android

2-4 From the smartphone's Bluetooth screen Select "GST BLE" After

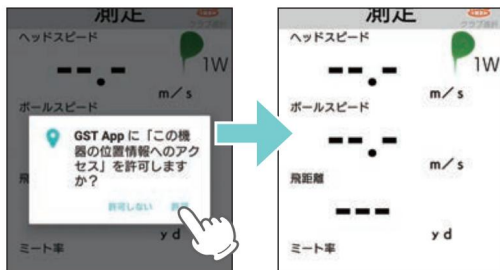
successful pairing, the LED lamp (blinking blue) on the main unit will turn off.

* About 1 minute after step "2-2" (* P.38), the main unit The LED lamp (blinking blue) turns off and pairing cannot be performed. Start again from step "2-1" (* P.38).

2-5 Launch the dedicated app (GST App)



2-6 Touch [Allow]



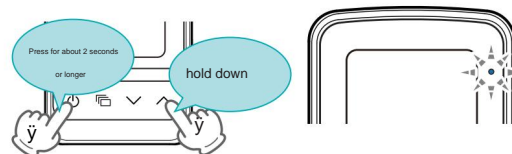
* Confirmation of access to location information will be displayed only for the first time. Touch Allow.

If you want to change the smartphone, delete the pairing of this unit (* P.42) and then perform pairing again.

3. Pair with our golf navigation system (Bluetooth compatible)

3 - 1 Turn off the power (* P.32)

3 - 2 While holding down [], press [] for about 2 seconds or more.



The power turns on and the LED lamp blinks blue. * While the LED lamp is flashing blue (for 1 minute), perform step 2-3. (* P.41).

3 - 3 Our Bluetooth compatible golf navigator Turn on Bluetooth

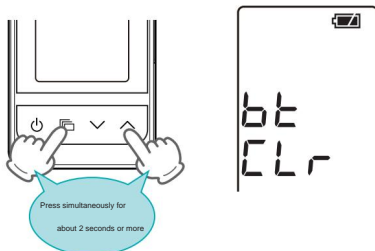
It will be paired automatically, and the LED lamp (blinking blue) on the main unit will turn off. * Please check the golf navigation instruction manual for how to turn on Bluetooth. * About 1 minute after step "2-2" (* P.41), the main unit

The LED lamp (blinking blue) turns off and pairing cannot be performed. Start again from step "2-1" (* P.41). * If you have multiple golf navigation systems (Bluetooth compatible) from our company, it may be connected to the golf navigation system that you do not want. Turn off the Bluetooth function of other golf navigators, delete the pairing of this unit (* P.42), and then perform pairing again.

4. Delete the pairing of this unit

4-1 Turn on the power (* P.25)

4-2 Press [] and [] at the same time for about 2 seconds or more.



"bt" and "CLR" will be displayed on the LCD screen for about 2 seconds, and pairing with the smartphone and our golf navigation system (Bluetooth compatible) will be deleted at the same time. If you want to continue using it, please pair it with the device again.

Is it a malfunction? If you think

Before requesting repair, please check the following once again.

Power does not turn on

Is the built-in lithium-ion battery exhausted?

If the battery is exhausted and the power is turned off, the power will not turn on immediately even if the AC adapter is inserted. Please charge it for about 10 minutes before operating. (* P.14 "Charging")

low meet rate

Are you using a club with a high loft angle such as an iron?
Clubs with higher lofts have lower meet ratio values.

The LED lamp is lit in pink

Abnormal temperature of the lithium-ion battery or life of the lithium-ion battery may be considered.

Detection results are not displayed accurately

When installing directly on the ground, if there are steps or obstructions, accurate detection results may not be displayed.
In that case, adjust the height with the included angle adjustment bracket. (* P.18 "Angle adjustment bracket")



History is always 199

Clear history.

If you press [] and [] at the same time for about 2 seconds or more, [] will be displayed on the LCD screen with the date "1999" ("Erase History") Simultaneously for about 2 seconds



can't pair

¿Is your smartphone compatible with Bluetooth LE?
do you

Depending on the smartphone you are using, a communication error may occur due to a problem on the smartphone side, and it may not work properly. In that case, After turning off the Bluetooth function once, turn it on again and perform pairing.

¿Is it already paired?

Delete pairing (* P.42) and perform pairing again.

¿Is the LED lamp on the main unit flashing blue? Pairing

is possible only while the indicator is flashing blue (about 1 minute). Turn off the power, hold down [] and press [] for about 2 seconds to blue, and perform pairing again.



¿Is there another GST-7 BLE nearby?

Leave the area and try pairing again.

Operation cannot be performed normally / data is not displayed

¿Depending on the smartphone you are using, communication errors may occur due to problems on the smartphone side. In that case, turn off the Bluetooth function once and then turn it on again.

Smartphone or golf navigation is not automatically paired

¿Please make sure that your smartphone or our golf navigation system (Bluetooth compatible) is set to enable Bluetooth connection.

Smartphone pairing is cut off without doing anything

¿Perform pairing again.

specification

| | |
|------------------------------------|---|
| Rated voltage DC | 3.7V (lithium-ion battery) Usable time |
| Approximately 10 days | when used for 1 hour per day 60(W) |
| External dimensions | × 18(H) × 124(D)mm (excluding protrusions) Weight Approximately 110g |
| (built-in lithium-ion battery) | including ion battery) |
| Operating temperature | range 0 to +45°C |
| Bluetooth | Communication standard: Bluetooth LE |
| | Frequency used: 2.4GHz band |
| microwave sensor | Applicable technical standards: Specified low-power radio station, moving object detection sensor |
| | Sensor type: Doppler sensor |
| | Oscillation frequency band: K band 24GHz band |
| Head speed display range | 10.0~99.9m/s (m/s) |
| Ball speed display range | Other than putters: 15.0 to 99.9m/s (meters/second) Putters: 0.5 to 15.0m/s (meters/second) |
| Meat rate display range | 0.10~1.80 |
| Number of records to be retained | Up to 199 records |
| Average value calculation function | Displays the average value for each club type (calculated for each club type out of a maximum of 199 cases) |

* Various names, company names, product names, etc. described in this manual are trademarks of their respective companies. or registered trademarks. Note that TM and ® marks are not specified in the text.

The instruction manual is updated from time to time. Please check our website for the latest version of the instruction manual. <http://www.yupiteru.co.jp/>

