SC4

User Manual

My Swing Caddie App Download

Android

iOS

Detailed instructions of this product are available from VOICE CADDIE website.

www.voicecaddie.com

SWING CADDIE

Swing Caddie

SC4

1. Provides Metrics for Your Practice Session

- Carry / Total Distance (Carry+Run)
- Swing Speed
- Ball Speed
- Launch Direction
- Launch Angle
- Smash Factor
- Apex
- Spin

2. Personalized Golf Launch Monitor

- Connect with the My Swing Caddie App to Provide Driving Range for Practice
- Connect with the App to Provide Various Big Data Statistical Analysis and Platforms
- Distance Voice Output
- Distance Calibration by Atmospheric Pressure
- Adjustable Loft Angles
- Target Mode for Accurate Distance Exercise

Package Contents

- SC4, Remote Control, USB Cable, User Guide
- Pouch sold separately

Product Components (Front Side)

* Remove the LCD protective film on the front side before using


1. Display

Shot Data Equalizer

Total Shot

Mode

Club / Loft Angle

Bluetooth Connection Status

Practice   W 1 / 10.5°   55

Battery

Carry / Total

Launch Direction

Swing Speed

Smash Factor

Launch Angle

Ball Speed

Apex

Spin

2. LED Indication

Device in Use

LED Status	Meaning
Green	Ball Ready
OFF	Sleep Mode
Blue Flashing	Bluetooth is Pairing
Red	Connection Unsuccessful
Blue	Connection Successful
Red Flashing	Deleting Shot Data
	Low Battery
Green Flashing	Updating Firmware
	Uploading Shot Data to the App

Charging

LED Status	Meaning
Red	Battery is Charging
Green	Battery is completely Charged

Product Components (Back Side)

Open the Stand
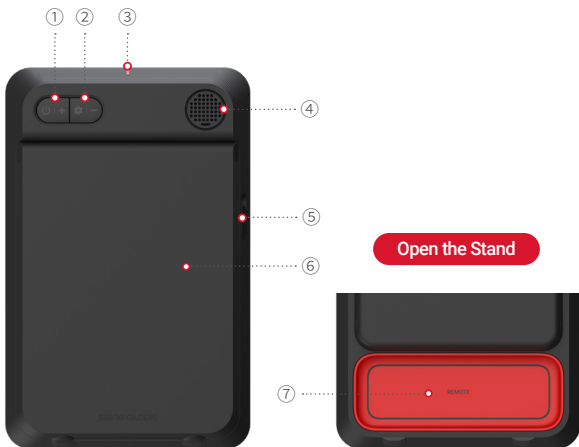
Device Button

1. **Power/+ :** SC4 turned on or off by pressing the [Power/+] button
   for 2 seconds. Press the [Power/+] button shortly to increase volume.

2. **Settings/- :** Change the setting by pressing the [Settings/-] button for 2 seconds.
   Press the [Settings/-] button shortly to decrease volume.

3. **Alignment Line(Red Range Line) :** Align SC4, ball, and alignment line
   (Red Range Line).

4. **Speaker :** Shot data voice output

5. **USB port (Cap) :** Open the USB port cap, connect the cable to charge SC4 or
   connect the computer to update the software.

6. **Stand :** Open the stand fully and mount it.

7. **Remote Control Magnet :** Attach the remote control to the magnet and store it.
   (Push the remote out to the side)

Remote Control

Function selection button

Club selection button

Function

- **MODE :** Practice / Target (Distance Control)
- **UNIT :** Yards/Meters
- **LANGUAGE(VOICE) :** ENG/KOR/JPN
- **VOLUME :** Volume levels ranging from 0-5
- **LOFT :** Adjustable lofts to match your club specs
- **TARGET :** Set target carry distance (5 yard increments)
- **TOTAL / CARRY :** Set SC4 to show carry or total distance

Club Selection

- **DRIVER :** W1(DRIVER)
- **FAIRWAY WOOD :** > W3 > W4 > W5 > W6 > W7 >
- **UTILITY :** > U3 > U4 > U5 > U6 > U7 >
- **IRON :** > I7 > I8 > I9 > I3 > I4 > I5 > I6 >
- **WEDGE :** > PW > GW > SW > LW >

Basic Operation

Button	One Click	Press(2 seconds)	Press(6 seconds)
Power / +	Increase Volume	Power(On/Off)	
Settings / -	Decrease Volume	Club Selection -> Mode Selection -> Set Target Distance	Reset Shot Data

Club Selection

- **SC4 Unit** : Press [Settings] button for 2 seconds to select club > current club
  is flashing > toggle with [+/-] buttons
  [↔ W1(DRIVER) ↔ W3 ↔ W4 ↔ W5 ↔ W6 ↔ W7 ↔ U3 ↔ U4 ↔ U5 ↔ U6
  ↔ U7 ↔ I3 ↔ I4 ↔ I5 ↔ I6 ↔ I7 ↔ I8 ↔ I9 ↔ PW ↔ GW ↔ SW ↔ LW ↔]

- **Remote Control** : Select desired club(press button repeatedly until reaching desired club)

Mode Selection

- **SC4 Unit** : Press [Settings] button twice for 2 seconds to select mode >
  current mode is flashing > toggle with [+/-] buttons
  [Practice ↔ Target]

- **Remote Control** : Press [Mode] button to select
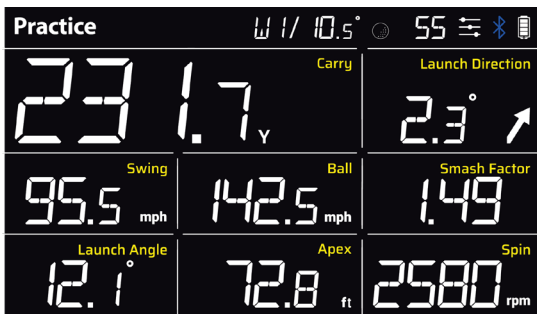
Set Target Distance

- **SC4 Unit** : In target mode, press [Settings] button 3 times for 2 seconds to set target
  distance > current target distance flashing > toggle with [+/-] buttons
  [Target Distance Range : 15~195 yard]

- **Remote Control** : Press [+/-] of [Target] button

Reset Shot Data

- Press [Settings] button for 6 seconds > [DEL] will appear on the screen >
  press [Power] button > reset complete

* Once the reset completes, entire shot data will be deleted, and cannot be undone.
  (App data need to be deleted separately)

Practice Mode

- Displays immediate feedback: Carry/Total Distance, Launch Direction, Swing Speed, Ball Speed, Smash Factor, Launch Angle, Apex, Spin
- Smash Factor is not provided if it is below 1.0
- Spin data is not provided for GW~LW

Mode : Practice Mode

- **Club** : W1(Driver)
- **Loft Angle** : 10.5°
- **Total Shots** : 55
- **Shot Data EQ** : On
- **Bluetooth** : On
- **Carry** : 231.7 yards
- **Launch Direction** : 2.3°(R)

- **Swing Speed** : 95.5 mph
- **Ball Speed** : 142.5 mph
- **Smash Factor** : 1.49
- **Launch Angle** : 12.1°
- **Apex** : 72.8 ft
- **Spin** : 2580 rpm

Target Mode

- Set the target distance(15~195 yard) and practice
- Set target distance
  · **SC4 Unit** : In target mode, press [Settings] button 3 times > toggle with [+/-] buttons
  · **Remote Control** : Set with [+/-] of [Target] button
- Smash Factor is not provided in target mode
- Spin data is not provided for GW~LW
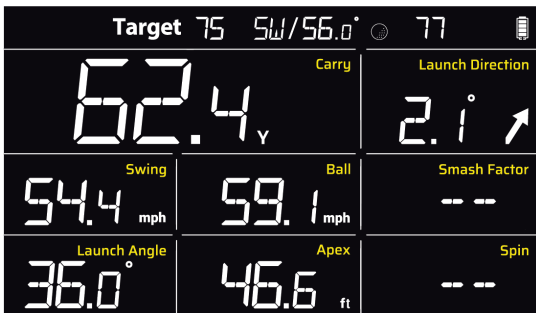
Mode : Target Mode	
- **Target Distance** : 75 yards	- **Launch Direction** : 2.1°(R)
- **Club** : SW	- **Swing Speed** : 54.4 mph
- **Loft Angle** : 56.0°	- **Ball Speed** : 59.1 mph
- **Total Shots** : 77	- **Launch Angle** : 36.0°
- **Shot Data EQ** : OFF	- **Apex** : 46.6 ft
- **Bluetooth** : OFF	
- **Carry** : 62.4 yards	

Positioning and Alignment

1. Unfold the stand of SC4 and put it on the ground 5ft behind Tee

2. Mounting Angle Calibration: Adjust the stand of SC4 until 0 shows on the SC4 screen

3. Adjust alignment line: Align the tee, target, and alignment line (Incorrect alignment can reduce the accuracy of data)

4. Start practicing

Mounting Angle Calibration

- Match the mounting angle by adjusting the stand.

[Target value: 0]
(Correct angle will optimize the accuracy of the shot data)

adjusting the stand   − ◄ 0 ► +
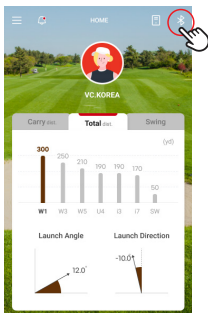
Adjust Alignment Line

5 feet

Smartphone Pairing

1. Install and run the My Swing Caddie app from the smartphone app store.

2. Place your smartphone and the SC4 close to each other.

3. Turn on the SC4.

4. Tap the Bluetooth button at the top of the app.

5. Tap the serial number of the SC4 to be connected.
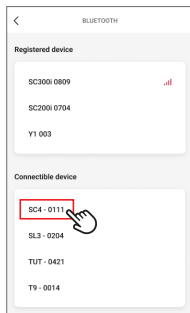
6. Check the 6-digit pin number on the SC4. (Pin Number : 972354)


7. Enter your pin number in the app, then tap Confirm.
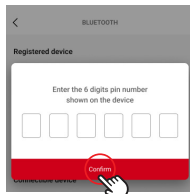

8. Bluetooth connection complete.

Shot Data EQ * You can use it by connecting the App and setting the EQ.

By adjusting Shot Data EQ of Carry / Ball Speed / Swing Speed / Launch Angle, you can get the shot data that suits you under the limited conditions such as the practice environment, the weather or golf ball at the driving range.
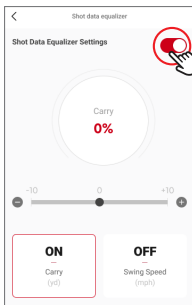
1. After pairing the SC4 and smartphone is complete, touch the menu bar on the left top of the App.
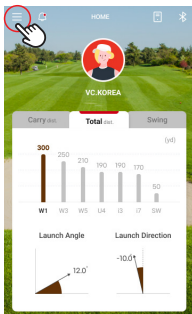
2. Touch the 'EQ' in the menu.
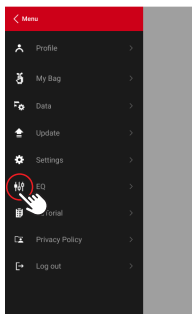
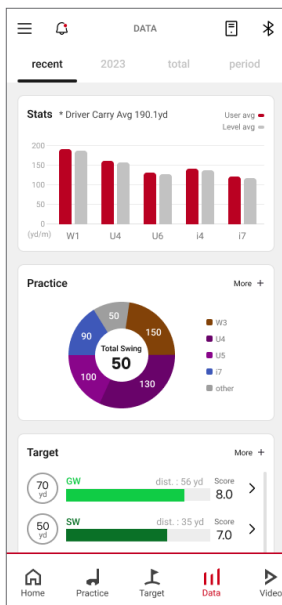3. After turning on the S hot data equalizer, adjust the desired shot data.

4. Check EQ activation status on the SC4 screen.

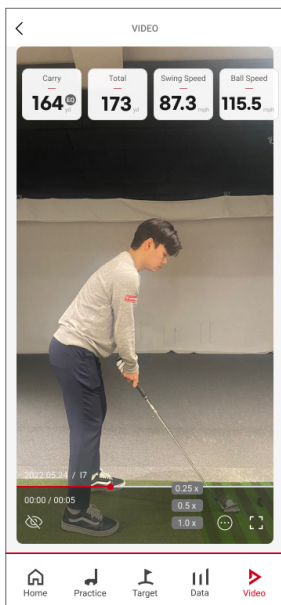
| Shot Data Equalizer Setting Range

Item	Setting Range
Swing Speed	±10%
Ball Speed	±10%
Launch Angle	±5˚
Carry	±10%

* The image of the APP is subject to change when the firmware is updated.

App Key Features

Statistics / Analysis

- Shot Analysis by Club and by
  Date range
- Statistics by Mode
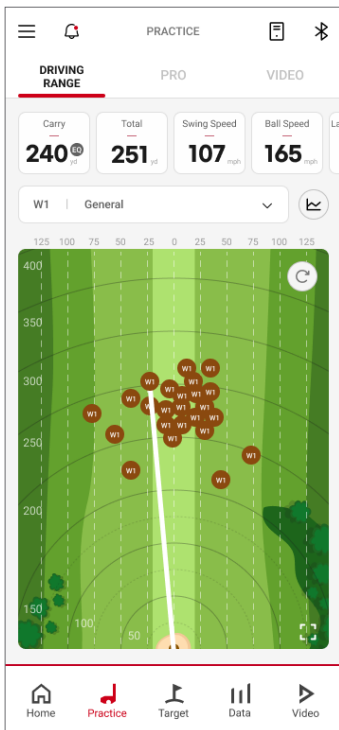 (Practice/Target Mode)
- User Average Comparison using
  Big Data

Video Record / Playback

- Video record of your swing and
  playback
- Provides shot data from stored video

* The image of the APP is subject to change when the firmware is updated.
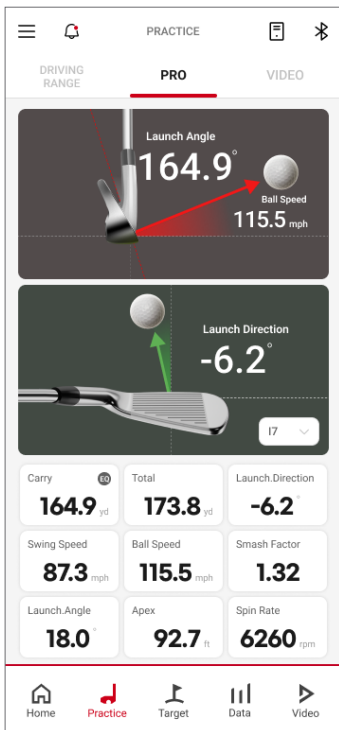
Practice Mode (APP)

Driving Range Mode

- Real-time shot practice by club
- Distance, Launch Angle, Launch Direction, Ball Speed, Swing Speed, Smash Factor, Spin, Apex

* Driving Range is supported only in 'SC4'.

* The image of the APP is subject to change when the firmware is updated.
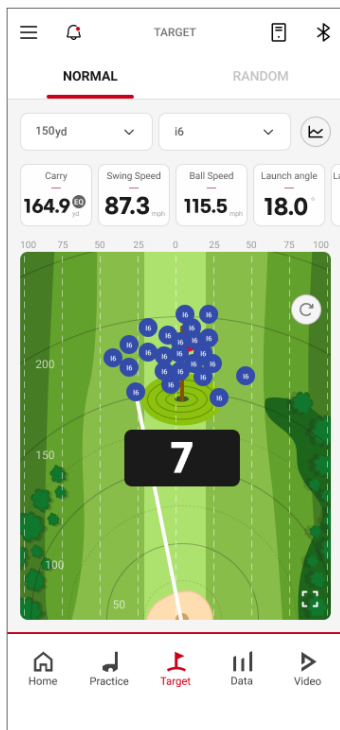
Practice Mode (APP)

Pro Mode

- Real-time shot practice by club
- Distance, Launch Angle, Launch Direction, Ball Speed, Swing Speed, Smash Factor, Spin, Apex
- Launch Angle, Launch Direction and animation

＊ Launch Direction is supported only in 'SC4'.
＊ The image of the APP is subject to change when the firmware is updated.

Target Mode (APP)

Normal Mode

- Set the target distance and practice (15~195 yard)

- Score based on the proximity to the target

* Driving Range is supported only in 'SC4'.

* The image of the APP is subject to change when the firmware is updated.

Target Mode (APP)

| Random Mode

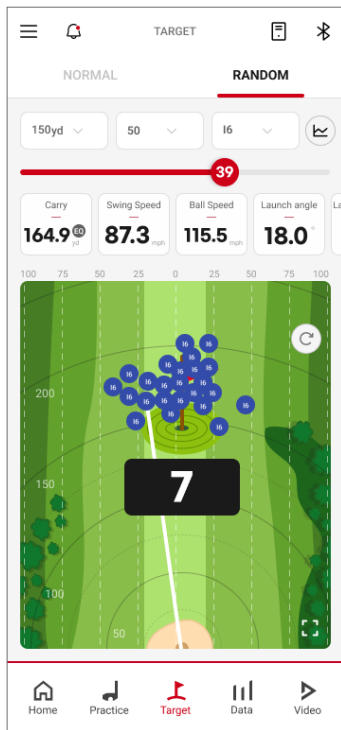- Set the target distance randomly (15~195 yard)
- When the set score is achieved, the next target distance is automatically set

* Driving Range is supported only in 'SC4'.
* The image of the APP is subject to change when the firmware is updated.

Specifications

Sensor	Frequency	K Band 24 GHz
	Method	Doppler Radar Sensor
Power	Battery	Polymer Li-ion Rechargeable Battery 7,500 mAh
	Charging Time	Approx. 6 hours
	Usage Time	Approx. 10 hours (It may vary depends on how you use it)
Size	Dimension	4.9" (W) x 7.6" (H) x 1.1" (D)
	Weight	Approx. 20.8 oz (including battery and remote control)
	Operating Temperature	50 ˚F ~ 122 ˚F
Range	Positioning	5 feet behind the ball on the same level
	Measuring Range	20~340 yard(Carry)

| Recommended charger

1) Charger output : 5V 2A

2) Charging time (from completely drained to fully charged) : Approx. 6 hours

3) Caution

   ① Unable to charge when connected to PC

   ② If you use a charger that does not meet the recommended output,
    the charging speed may be significantly slowed down.

Warranty

Voice Caddie warrants this hardware product against defects in materials and workmanship for a period of one year from the date of original retail purchase. If a defect exists, at its option Voice Caddie will (1) repair the product at no charge, (2) exchange the product with a product that is new or like-new and is at least functionally equivalent to the original product, or (3) refund the purchase price of the product. Voice Caddie shall have no obligation to repair, replace or refund until the customer returns the defective product to Voice Caddie. This Warranty does not apply: (1) to damage caused by accident, abuse, misuse, misapplication, or non-Voice Caddie Products; (2) to damage caused by service performed by anyone who is not a Voice Caddie Authorized Service Provider; or (3) to a product or part that has been modified without the written permission of Voice Caddie.

Product Name	SWING CADDIE SC4
Serial No.	
Purchase Date	
Dealer	
Dealer Contact	
Buyer's Name and Contact	
Free Warranty Period	For one year after the purchase (6months for components)
Exchange and Refund Period	Change to 30 days return

Notes

- The range of the remote control may be reduced in direct sunlight
- It is recommended that the unit and ball be placed at the same level on the floor/mat

Caution

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.

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.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.
This device must not be co-located or operating in donjunction with any other antenna of transmitter.

The antenna(s) must be installed such that a minimum separation distance of at least 20cm is maintained between the radiator (antenna) and all persons at all times.

FAQ

1. How far back do I place SC4 behind the ball?
   Distance of Swing Caddie behind the ball is approx. 5 feet.

2. How do I align SC4 behind ball to get best readings?
   Align SC4 so the red line on top is lined up with ball flight.

3. What if I am receiving inaccurate data (Low yardage or swing/ball speed)?
   Make sure the correct unit of measurement is selected for each data point
   (Yards vs Meters)(Carry vs Total)

4. Can SC4 be used indoors with a net?
   Yes. If net is used, make sure you have at least 10 feet in front of the ball to the net.

5. What if I am hitting off the grass mat at the range or at home?
   Make sure the ball and your Swing Caddie are on the same level as best as possible.
   1 inch or more can make a difference in readings.

6. Can I use SC4 with practice or foam golf balls?
   Practice and foam balls are not recommended, and in most cases will not give readings.

7. What if I am not receiving the correct Total distance I normally swing?
   Factors of roll and slope are not calculated and can cause differences in reading.
   Check to see if unit is in Carry or Total.