# FULL SWING



## FULL SWING KIT USER GUIDE

# CONTENTS

Legal Notices	4
Before First Use	4
Copyright Notice	4
Meet The Full Swing KIT	5
Contents	5
Compatibility	5
LED States	
Setting Up the KIT	7
Charge the KIT	7
Download the Full Swing App	7
Create a Full Swing Account	8
Pairing the KIT	8
Configure Wi-Fi	9
During First-Time Pairing	9
Configure or Change Wi-Fi Network Manually	9
Update Firmware	10
KIT Placement	11
Using the App	12
Starting a Practice Session	12
Practice Session with an Existing KIT	13
Practice Session with a New KIT	13
Understanding the Live Session View on iPhone	14
Last Shot Tab	14
Dispersion Tab	15
All Shots Tab	15
Starred Tab	16
Session Settings	16
Understanding the Live Session View on iPad	18
Dispersion Tab	18
Last Shot Tab	19
All Shots Tab	20
Starred Tab	20
Session Settings	21
Understanding Historical Data Views	23
Stats	23
Sessions	24
Starred	26
User Account and Preferences	26
Subscription	27
My Bag	27
My Devices	28
Using the Apple Watch	29
Using the KIT Without the App	30
Main Menu	31
Select a Club	31

Set Target Line	31
Data Views	
Units of Measurement	
Connection Info	32
Battery Info	32
Device Info	
Safety and Regulatory	
Advanced Features	
Maintenance	34
Caring for the KIT	34
Best Practices for KIT Storage	34
Battery Safety Warnings	
Troubleshooting the App	
Support	

# LEGAL NOTICES

#### **BEFORE FIRST USE**

Carefully review the Full Swing Golf (doing business as Full Swing) Full Swing KIT User Guide as it contains information regarding safe usage and storage of the Full Swing KIT. Failure to read and follow these notices and guidelines may result in serious injury or death.

Full Swing has made every effort to provide clear, complete, and accurate information in the Full Swing KIT User Guide. Full Swing will not be held responsible for issues arising due to typographical errors or user interpretation of the language used herein that is different from that intended by Full Swing. All safety information and guidelines are subject to change due to changes in local, federal, and all other applicable laws. Full Swing reserves the right to revise this document and to make changes in the content without obligation to notify any persons of such revisions or changes. In no event shall Full Swing, its employees, or authorized representatives be liable for any damages or losses, direct or indirect, arising from the use of any technical or operational information contained in the Full Swing KIT User Guide.

Any unauthorized changes or modifications to the Full Swing KIT without written permission from Full Swing will void the warranty of the Full Swing KIT and user authority to operate the Full Swing KIT.

#### **COPYRIGHT NOTICE**

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# MEET THE FULL SWING KIT

The Full Swing KIT, going forward, is referred to only as KIT in this user guide.







## CONTENTS





- Carrying Case
- KIT Launch Monitor
- Charging Cable
- Charger

# COMPATIBILITY

- iPhone® (10 and higher), running iOS 14 and higher
- iPad® (7th generation and higher), running iOS 14 and higher
- iPad® Air (3rd generation and higher), running iOS 14 and higher
- iPad® Pro (all models), running iOS 14 and higher
- Apple Watch® 3 or higher, running watchOS 7 or higher
- Apple AirPods® or most any Bluetooth® headphones

## LED STATES

Use the following LED styles to determine the state of the KIT.

Status LED Activity	Status	Description
	App connected	The app is connected to the Bluetooth and Wi-Fi.
	Boot up	The unit is preparing to operate.
	Charging	The unit is charging (When the bar turns solid white, the unit is fully charged.)
an an ain ain an an tha tha tha tha an	Installing update	The firmware is currently updating.
	Power down	The unit is currently powering down.
and a substitution of the second second second	Power up	The unit is currently powering up.
an a	Seek	The unit radar is active and ready to track a shot.
	Tracking	A ball is in flight and is currently being tracked.
sa sa sak sa	Warnings	A warning state has occured, for example: • Temp warning at 53°C/127°F • Temp shutdown at 55°C/131°F • Battery level warning at 10% • Battery level shutdown at 1% • App disconnect warning

## SETTING UP THE KIT

**Caution:** Use only the equipment provided with the KIT. Using non-product specific chargers and cables may result in damage to the KIT.

## **CHARGE THE KIT**

- 1. Gently open the rubber charging port cover on the left side of the KIT, then attach the charging cable.
- 2. Insert the charging cable into the charger and insert the other end of the charger into the wall.

**Note:** Charging begins automatically and may take up to 5 hours.

Note: It is possible to pair and configure the KIT while charging.

## DOWNLOAD THE FULL SWING APP

The Full Swing app is compatible with Apple iPhone® and iPad® running iOS 14 or higher.

Download the app by QR Code or through the Apple App Store.

#### QR Code

- 1. Open the iPhone/iPad camera to be paired with the KIT.
- Hold the camera over the QR Code so that the QR Code is clearly visible in the screen.
   Note: The camera should automatically scan the QR Code.
- 3. Follow the Apple App Store prompts.

#### **Apple App Store**

- 1. Open the iPhone/iPad to be paired with the KIT.
- 2. Click <u>http://appstore.com/fullswing</u>, or open the Apple App Store, then search for **Full Swing**.
- 3. Select the Full Swing app, then click Get.
- 4. Follow the Apple App Store prompts.





## **CREATE A FULL SWING ACCOUNT**

Use these steps to create an account on the app.

- 1. Open the app, then click the **Create a Full Swing Account** button.
- 2. Enter the requested user information in the fields.
- Click the Create Account button.
   Note: A screen with the message Please Check Your Email opens and directs the user to confirm the email.
- 4. Open the email account, then click the **Verify Email** link. **Note:** If no email arrives, return to the app, click the **Re-send** link, and follow the prompts.
- 5. Return to the app. Note: A screen with the message Welcome to Full Swing! opens.
- 6. Follow the prompts to complete the profile setup.

## PAIRING THE KIT

Use these steps to pair the KIT with the mobile device.

- 1. Confirm the KIT is plugged in and charging, but do not power on at this time. Powering on the KIT occurs later.
- 2. In the **Pair Device** screen, tap the **Find Devices** button.
- 3. Follow the onscreen instructions to pair the KIT. **Note:** If there are multiple units, tap the **Power** button on the unit and locate the **Device Name** in the upper left corner of the OLED display.



Note: If pairing is unsuccessful, visit the Help Center at kitsupport.fullswinggolf.com

## **CONFIGURE WI-FI**

Connection to Wi-Fi is required for firmware updates. When connected, any new firmware updates will automatically download and install. Wi-Fi can be configured using one of two methods:

#### DURING FIRST-TIME PAIRING

When pairing with the KIT for the first time, the user is prompted to configure Wi-Fi.

- 1. On the **Configure Device** screen, select a familiar Wi-Fi name from the options provided.
- 2. Follow the prompts to configure Wi-Fi.

#### CONFIGURE OR CHANGE WI-FI NETWORK MANUALLY

The Wi-Fi network can be configured or changed at any time using the following method.

**Note:** The unit must be paired, and in charging mode or powered on, to modify Wi-Fi settings. If the KIT does not appear on the **My Devices** screen, see <u>Pairing the KIT</u>.



- 1. From the **Practice** tab, tap the **Profile** icon in the upper, left corner.
- 2. Tap My Devices.
- 3. Tap the **Device Name** to be modified.
- 4. In the **Wi-Fi Networ**k section, tap the **Configure** or **Change** button.
- 5. Follow the prompts to modify Wi-Fi settings.

## **UPDATE FIRMWARE**

New firmware updates will automatically download and install when the unit is connected to Wi-Fi. Download time is dependent on Internet speed. Following download, firmware installation could take up to 15 minutes to complete.

- **Note:** The LED flashes amber while the firmware installation is underway. Do not power off the unit after the firmware installation begins and until installation is complete.
- Ensure the unit is plugged into the charger but do not power the unit on.
   Note: Firmware updates will automatically download and install while in charging mode. If the KIT is fully powered on (with the LED bar pulsing blue), the firmware update will download; however, installation will not happen until the next time the KIT is powered on or off.
- Ensure the unit is connected to Wi-Fi.
   Note: If unsure, tap the Power button to view Wi-Fi indicator in the upper, right corner. For additional information, see Configure Wi-Fi.
- 3. Allow any firmware updates to download and install prior to operating the unit.



An amber LED indicates that the firmware is currently updating. However, if the LED is pulsing blue, do not power off the unit because installation is underway.

## **KIT PLACEMENT**

- 1. Fully extend the rear leg of the KIT.
- 2. Place the KIT on level ground 10-feet directly behind the ball/tee position and in-line with the target.

**Note:** The target line can be displayed in the Full Swing app or on the OLED screen on the unit.

- To view the target line on the Full Swing app, see Starting a Practice Session.
- To view the target line on the OLED screen of the unit, see Using the KIT Without the App.
- 3. Confirm the KIT is lined-up with the intended target and that there are no obstructions. **Note:** Hitting the ball from outside the target line or with obstructions may result in missing or misrepresented data.



## **USING THE APP**

If Location Services are enabled in iOS, the field automatically populates with the address based on the current GPS coordinates. Alternatively, the user can tap the field and search for the specific location, such as the name of a golf course or business.



## **STARTING A PRACTICE SESSION**

When starting a practice session, the player can choose to connect to an existing unit or pair with a new unit.

- To connect with an existing unit, use the following steps
- To pair with a new unit, see Practice Session with a New KIT

## PRACTICE SESSION WITH AN EXISTING KIT

- 1. From the default **Practice** tab, tap the **Start Practice Session** button to open the **Session Setup** screen.
- 2. Confirm that the unit appears in the Launch Monitor Device field, then tap Connect.
- 3. When the **Full Swing Wants to Join Wi-Fi Network** pop up box appears, tap the **Join** button.

**Note:** When the app is fully connected there will be a green check mark and the KIT battery level.

- 4. Select Outdoor environment. (Indoor coming soon!)
- 5. Set the session location, if desired.
- 6. Tap the **Start Session** button to begin the session.
- 7. Confirm the placement of the KIT is lined up with the diagram, then tap the **Dismiss** button. **Note:** See KIT Placement for details on placement.
- 8. Select or add a club, then select one of the following:
  - Tap the Use a Selected Club button Note: Use an existing club or tap the (+) button to add a new club to My Bag. See the User Account and Preferences section for additional information on customizing My Bag.
  - Tap the Use Club & Set Target button and follow the instructions to select and set the target line

**Note:** For best results, set the target line to ensure the KIT is correctly aligned.

## PRACTICE SESSION WITH A NEW KIT

- 1. From the default **Practice** tab, tap the **Start Practice Session** button to open the **Session Setup** screen.
- 2. If no units are paired in the Launch Monitor Device field, tap the add (+) button.
- 3. Follow the prompts to pair the unit.
- 4. Select Outdoor environment. (Indoor coming soon!)
- 5. Set the session location, if preferred.
- 6. Tap the **Start Session** button to begin the session.
- 7. Confirm the placement of the KIT is lined up with the diagram, then select the **Dismiss** button.

Note: <u>KIT Placement</u> for details on placement.

- 8. Select or add a club, then do one of the following:
  - Tap the Use a Selected Club button Note: Use an existing club or tap the (+) button to add a new club to My Bag. See the User Account and Preferences section for additional information on customizing My Bag.
  - Tap the Use Club & Set Target button and follow the instructions to select and set the target line

**Note:** For best results, set the target line to ensure the KIT is correctly lined-up.

## UNDERSTANDING THE LIVE SESSION VIEW ON IPHONE

## LAST SHOT TAB

Use the Last Shot tab to view shot data and averages for the session.



## **DISPERSION TAB**

Use the **Dispersion** tab to view shot distribution patterns for the session.



Play back video

## ALL SHOTS TAB

Use the **All Shots** tab to view all of the clubs used during the session and individual shots per club.



**Note:** The screen also provides the user the ability to play back video, and to star, edit, and delete individual shots.

#### STARRED TAB

Starring a shot permanently saves session videos to the user account. Use the **Starred** tab to view all the starred shots from a session.



#### SESSION SETTINGS

Use the Session Settings tab to personalize individual settings during a session.





Select number of data points to be displayed on the KIT:

- 1 data point per page
- 4 data points per page

Tap, hold, and drag to reorder data points displayed on the KIT



**Note:** For more information, see Using the Apple Watch.

Tap, hold, and drag to reorder data points displayed on the Apple Watch

Tap to turn data -points on or off on the Apple Watch

9:	41	= ∻ اוו.
<	Customize /	Audio
=	Carry Distance	
=	Total Distance	
=	Spin Rate	
=	Spin Axis	- • • •
=	Ball Speed	
=	Club Speed	
=	Smash Factor	
=	Club Path	
=	Face Angle	
=	Face to Path	
=	Attack Angle	
=	Apex	
	Launch Angle	

Note: Audio Feedback plays shot data through the speaker of the mobile device or most any headphones connected.

 Tap to turn data points on or off

\_ Tap, hold, and drag to reorder data points

**Note:** Temporarily turn all audio playback on or off using the **Audio Feedback** switch on the **Session Settings** screen.

## UNDERSTANDING THE LIVE SESSION VIEW ON IPAD

When entering Live Session mode on iPad, the view defaults to a split-screen mode, with the Dispersion tab on the left screen, and Last Shot tab on the right screen.

#### **DISPERSION TAB**

Use the **Dispersion** tab to view distribution patterns for the session.



## LAST SHOT TAB

Use the Last Shot tab to view shot data and averages for the session.



## ALL SHOTS TAB

Use the **All Shots** tab to view all of the clubs used during the session and individual shots per club.



#### STARRED TAB

Starring a shot permanently saves session videos to the user account. Use the **Starred** tab to view all starred shots within a session.



#### SESSION SETTINGS

Use the Session Settings tab to customize individual settings during a session.



	× Session Settings		< Apple Watch Data	
			Carry Distance	
	SSD50AAD73E1	25%	= Total Distance	
			— Spin Rate 🛛 🦲 —	
	App Data Custorrize the data displayed in this app		= Spin Axis	
	Kit Devrice Data Customize the data displayed on your Kit		= Ball Speed	
e	O Apple Watch Data Custorize the data displayed on your watch		= Club Speed	$\bigcirc$
	Units of Measurement Choose between metric and imperial units		= Smash Factor	
	Audio Feedback		— Club Path	
	다 Audio Feedback		= Face Angle	
	Customize Audio Customize the data read to you audibly		= Face to Path	
	Shot Target		- Attack Angle	
	Set New Target Line		= Apex	
	More Settings			

Tap, hold, and drag to reorder data points displayed on the Apple Watch

- Tap to turn data points on or off on the Apple Watch

**Note:** For more information, see <u>Using the Apple Watch</u>.



- Tap, hold, and drag to reorder data points

Tap to turn data points on or off

Note: Temporarily turn all audio play back on or off using the Audio Feedback switch on the Session Settings screen.

## UNDERSTANDING HISTORICAL DATA VIEWS

#### STATS

Use the **Stats** section to view insights and detailed club analysis in order to understand shot accuracy, find club gaps, and track trends over time.



9:4'		e	÷ ۱۱.	-
	Sta	ats		
	Summary	Club	Analysis	
Lifetin	ne • Carry 👻			_
D	Callaway Big Ber		289	>
D	Callaway MAVRI		278	<b>&gt;</b> –
3W	3 Wood		256	>
3н	3 Hybrid		235	>
3i			218	>
4i			207	> -
Ç Practic	ित है कि स्थित के सिर्फ के सि	<u>ا</u> Sessions	s Star	7 red

- Select **Timeframe** and data point

Clubs used during the selected timeframe

Tap a club to view the **Summary** and **Averages** for that club **Note:** Use the **Timeframe Filter** to view **Summary** and **Averages** for the selected timeframe.

Averages for the selected data point during the selected timeframe **Note:** Easily find gaps in the user-customized golf bag.

#### SESSIONS

Use the **Sessions** tab to view details about individual practice sessions, such as dispersion, shots by individual clubs, starred shots, and video replays.

- 1					
9:4	,		0	÷ ۱۱.	-
٢		Stats			
	Summary		Club A	Analysis	
Lifetin	ne•Carry				
D	Callaway I	Big Bertha		289	>
D	Callaway I	MAVRIK		278	>
3W	3 Wood			256	>
ЗН	3 Hybrid			235	>
3i				218	>
4i				207	>
_					
Practi	te Sta	<u>il</u> ats	E Sessions	۲. Star	7 red

#### - Select Timeframe

Select an individual **Session** to view the session details:

- Session date
- Session location
- Number of shots during session
- Number of clubs used during session
- Number of starred shots during session



- Club Category
- Club Type



#### Session date

Session Actions

Delete Session

Tap a shot to view statistics on the shot, or to take one the following actions:

- Playback video Star shot
- to save video
- Edit Club Type (if incorrect club has been selected)
- Delete shot

Distance markers Filter clubs Pinch the screen to zoom in-and-out



	—— Session date
9:41 SESSION DETAIL Aug 18, 2021 Summary Dispersion All Shots Starred Carry - All Clubs → IF Driver Driver Driver Shot 23 ★ 275 → 3 Iron 218 →	<ul> <li>Session Actions         <ul> <li>Delete Session</li> <li>Change selected data point or Club Category</li> <li>Session averages for a selected data point</li> <li>Tap the thumbnail to playback video</li> </ul> </li> </ul>
Shot 22 ★ 210 > Shot 22 ★ 210 > Shot 12 ★ 210 >	—— Swipe to un-star, edit club, or delete shot
3 Iron Shot 10 ★ 215 >	—— Tap to view all data points for the shot

#### STARRED

Use the **Starred** tab to view all starred shots within a selected timeframe. Starring a shot permanently saves session videos to the user account.

9:41	—— Change selected Timeframe, Data Point, or Club Category
Summary Dispersion All Shots Starred Carry All Clubs - Jan -	Sort Starred Shots by selected data points
Driver         275         -           3 Iron         -         -           Shot 23         *         218         -           Shot 22         *         218         -           Shot 22         *         218         -           Shot 22         *         210         >	<ul> <li>Session averages for a selected data point</li> <li>Tap the thumbnail to play back video</li> <li>Swipe to un-star, edit club, or delete shot</li> </ul>
3 Iron         132 >           Short1 ★         132 >           Image: Short10 ★         215 >	—— Tap to view all data points for this shot

## **USER ACCOUNT AND PREFERENCES**

Tap the **User Account and Preferences** icon in the upper left corner to manage the user profile subscription settings and user preferences.



#### Account

- My Profile Modify personal information
- Security Modify email address and password
- Subscription Manage Your Full Swing Subscription
- Support Provide Feedback, Visit Our Help Center, and Contact Us

#### Preferences

- My Bag Add, remove, and modify clubs
- My Devices Manage the KIT(s) paired with the app
- Units of Measurements Modify the Units of Measurement for Distance, Speed, and Apex
- Video Capture This is a privacy setting. Turn video capture off to prevent swing videos from being captured and stored in the cloud. The camera will still activate during shot alignment.
- Legal View Terms of Service and Privacy Policy

#### **SUBSCRIPTION**

Review the current subscription options, and if not the current plan, evaluate the options available in the Premium Subscription plan. A premium account can be purchased at any time using the Apple App Store<sup>®</sup>.



## MY BAG

View and update any personal clubs that have been added to the app during golfing sessions.





Inactive Clubs Note: When a club is deactivated, all data for the club is not included in the stats. Add the club to My Bag to reactivate the club and view data for the club.

Tap the (+) button to reactivate and add the club to **My Bag** 



## **MY DEVICES**

Contains technical information such as the KIT Device ID and current firmware version. Users can also configure or change Wi-Fi networking for the KIT.



## **USING THE APPLE WATCH**

Apple Watch® 3 or higher, running watchOS 7 is required. Apple Watch features must be used with the Full Swing iPhone app. Apple Watch is not supported using the iPad.





## USING THE KIT WITHOUT THE APP

The KIT may be used without being connected to a mobile device. **Note:** Data and swing videos are not saved to the user profile when not connected to the app.

When the KIT is initially powered on, the following screen will be displayed.





#### MAIN MENU

Navigate through the KIT features using the main menu.

**Note:** Some features may not be available if the app is connected to the unit. Confirm the app is not connected to use the following features.



#### SELECT CLUB

Select a golf club from the available clubs.

#### SET TARGET LINE

The target line is a straight line between the KIT and the intended target.

#### DATA VIEWS

There are two data views available on the KIT:

- 1 Per Page
- 4 Per Page

**Note:** During a session, use the up and down buttons to scroll through different data view pages.

#### UNITS OF MEASUREMENT

Units of Measurements are ways to configure the distance, speed, and apex of a shot.

- Distance: Select Yards or Meters
- Speed: Select MPH or KPH as the measure of the speed of the shot
- Apex: Select Feet, Yards, or Meters as the measure of the highest point of the shot

#### **CONNECTION INFO**

View Bluetooth and Wi-Fi information on the unit.

- Device Connection displays the KIT device actively connected with the app Note: Select Disconnect to forcefully disconnect the app from the KIT.
- Wi-Fi Connection displays the name of the Wi-Fi network currently configured for firmware updates
   Note: Select Forget this Wi-Fi network to remove the configured network from the KIT.
- Wi-Fi Speed Test runs a speed test on the network

#### **BATTERY INFO**

Battery information displays the battery charge level and remaining battery time. **Note:** During a session, tap the **Power** button to see remaining battery life.

#### **DEVICE INFO**

Displays both firmware and internal hardware versions.

Note: Device information may be required by Technical Support.

- Firmware Info displays the current firmware versions
- Hardware Info displays the versions of the internal hardware

## SAFETY AND REGULATORY

Current safety and regulatory information are available on the Full Swing website. On the KIT, use the following steps to view this information

Select from the following options:

- Regulatory Certifications
- RF Exposure Warning
- Open Source Software Licenses

#### **ADVANCED FEATURES**

Change the radar frequency or reset the KIT using the **Advanced Features**:

- **Radar Frequency** changes the radar frequency on the KIT and may be useful when multiple units are used together
- Reset Device restores the KIT to factory default settings



**Warning:** Removes all custom user settings, including Wi-Fi configuration, from the KIT, and restores the KIT to factory default settings. Resetting the unit cannot be undone.

## MAINTENANCE

#### CARING FOR THE KIT

For a complete list of KIT battery specifications, see the KIT Safety Manual.

The KIT can tolerate being splashed with water and dust in everyday use. Use a soft, lint-free cloth to wipe away any wetness, dirt, and debris.

To avoid damaging the KIT, <u>do not</u> do the following to the unit:

- Do not use any chemicals to clean the unit
- Do not use abrasive cleaning products on the unit
- Do not submerge the unit in any liquid
- Do not pressure wash the unit
- Do not use pressurized air on or near the unit

#### **BEST PRACTICES FOR KIT STORAGE**

- Always store the KIT in the provided carrying case.
- Be sure to store the KIT away from liquids. If a spill occurs on or near the KIT, immediately remove then dry the unit.
- Avoid storing the KIT in environments that are damp, or have severe vibrations, strong magnetic fields, direct sunlight, or local heat sources.

## **BATTERY SAFETY WARNINGS**

For a complete list of KIT battery specifications, see the KIT Safety Manual.



**Warning:** The surface of the KIT may become too hot to touch following use, heat, or direct sun exposure and may cause burns. Use caution when handling under these circumstances.

• When the battery temperature reaches 53°C (127°F), a **Temperature Warning Screen** pops-up on the KIT OLED.

0	Temperature Warning
	Your KIT is approaching its maximum operating temperature and will soon shut down. Please remove from direct sunlight and allow it to cool.
	<b>CAUTION, HOT SURFACE:</b> Please be careful when handling.
	E Dismiss O Shut Down Now

• If the battery temperature reaches 55°C (131°F), an **Automatic Thermal Shutdown** Screen pops-up on the KIT OLED.



**Note:** At a battery temperature of 55°C (131°F), the KIT automatically shuts down. Move the KIT to a cooler environment and wait until the unit has cooled down to normal use temperatures.

# **TROUBLESHOOTING THE APP**

Gently shake the device that is paired with the KIT to pop open a **Need help?** menu. **Note:** The **Need help?** menu can be closed by clicking **Cancel**.



## SUPPORT

KIT support is available every day from 6:00 am PT to 4:00 pm PT.

Phone: +1-855-688-1100

Email: kit.support@fullswinggolf.com

Website: kitsupport@fullswinggolf.com