SKYTRAK

ST+

User Guide

IMPORTANT:

Read carefully the SkyTrak ST MAX Safety and Product Information Guide before setup or use of the SkyTrak ST MAX™ system. Failure to read and follow the Safety and Product Information Guide may cause serious injury or death.

The SkyTrak+ system specifications and functionality are constantly evolving, and we may update or change the ST MAX system in whole or in part, without notice to you. Such updates may be required for you to use new functionality, access new courses or features, or continue to access and use existing courses and features. The courses and features available for use on the ST MAX system change from time to time, and not all courses or features previously offered will be available. Some features require an annual subscription.

The software in the ST MAX system is licensed and not sold to you, and is subject to the End User License Agreement set forth in the ST MAX Safety and Product Information Guide.

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Product Overview

Ready LED
Wi-Fi LED
Power LED
Laser
Optics Lens
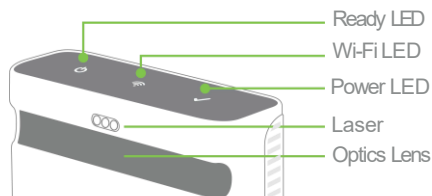
(Back)

(Front)

USB Port & Charging Ports
Power Button

See chart on page 12 for LED codes

SkyTrak+® Personal Launch Monitor

2X USB-C Cables

Quick Start and Product & Safety Information Guides

Wall Charger

Charging Your ST MAX

ST MAX contains a Lithium-polymer rechargeable battery that can operate up to 5 hours on a full charge.
IMPORTANT: The ST MAX must be charged for a minimum of 6 hours before use.

NOTE: It is advisable to ensure your ST MAX unit always has a good charge. If the SkyTrak battery is completely drained it can reduce the life of the battery. When a low battery indicator shows in the SkyTrak App - charge the unit.

Let's Get Started!

Setting up your ST MAX for the first time is a simple 3-step process:

1 **Download the SkyTrak App**
Find the SkyTrak software in the Apple® App Store℠ or download the SkyTrak PC application on *www.skytrakgolf.com/pages/downloads*

2 **Register Your ST MAX**
Launch a web browser and go to clubhouse.skytrakgolf.com

If you already have a SkyTrak account – Log in with your username and password.

If you do not already have an account, select the "Create Account" option to create a SkyTrak online account.

Next, select "My Device" to register your ST MAX. Enter your unique serial number.

From here you can enter your prepaid membership code or press Active Now to start the 14-day trial.

* Your ST MAX must be registered within 30 days of purchase. ST MAX comes with basic functionality in-the-box and may come with some trial features, enabling you to start playing immediately. Advanced features are available with a SkyTrak annual subscription plan, which can be purchased at www.skytrakgolf.com.

3 **a. Pair ST MAX With Your Mobile Device**
You can pair SkyTrak ST MAX with your mobile Device in two ways:
  • Via a direct Wi-Fi connection OR
  • Through your home network
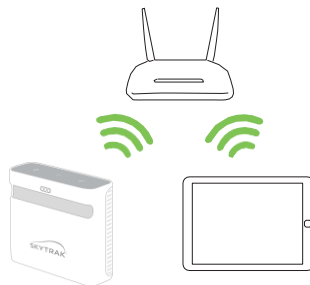
Direct Wi-Fi Connection
Click on the Wi-Fi signal icon on your Mobile deivce and select STMAX_XXXX from the settings menu, click connect.

Password: skytrakmax

Network Connection (recommended)
ST MAX can use your wireless (Wi-Fi) home network to pair with your mobile device by connecting to your wireless network router, just like your computer and mobile devices do. ST MAX will communicate with the software on your mobile device through your router. Plus, you will retain access to the internet on your mobile device. *(See Network Connection Guide, pg. 19)*

a. Pair Skytrak ST MAX With Your PC
You can pair your ST MAX with your PC in the following ways
  • Via a direct Wi-Fi connection OR
  • Via a direct USB cable connection OR Through your home network

Direct Wi-Fi Connection
Click on the Wi-Fi signal icon on your PC and select STMAX_XXXX from the drop-down menu, click connect.

Password: skytrakmax

USB Cable Connection
Connect the USB C cable to the ST MAX device (Right port) and a USB C port on your PC. (Windows Only)

Network Connection
The ST MAX can use your wireless (Wi-Fi) home network to pair with your PC by connecting to your wireless network router, just like your computer and mobile devices do. SkyTrak will communicate with the software on your PC through your router. Plus, you will retain access to the internet on your PC. (See Network Connection Guide, pg. 19) If you are using the USB cable connection, remain connected to your wireless home network.
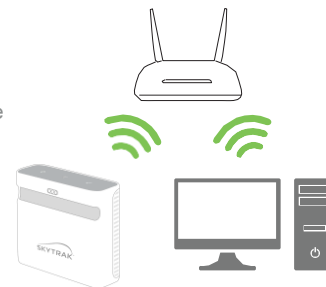
Powering On/Off

1. To turn on SkyTrak ST MAX, press the POWER button for 3 seconds until the Green power light comes on.

2. The Power LED will then turn Blue then you will see Blue Power, Red Wi-Fi, Red Check. Once fully on, you will see Green Power, Red WI-FI, Red Check. This means you are in direct mode. You can start connecting ST MAX to your Mobile Device or PC.

3. To turn off ST MAX, press and hold the Power button until all lights start to blink red.

Setting up your space for ST MAX

To reduce the risk of injury or property damage, it is recommended that the ST MAX system be set up using the guidelines below. Please ensure that you have created enough space around you to safely play with ST MAX and that you always heed all applicable safety precautions.

Setup Tip: For optimum performance, it is recommended that you use a hitting mat for both indoor and outdoor use.

Minimum Unobstructed Area Dimensions

Ceiling Height: Safe ceiling height varies and depends on your physical height and the length of your club.

Length: 10 feet (3.35m)

Width: 10 feet (3.35m)


Varies

10ft

10ft
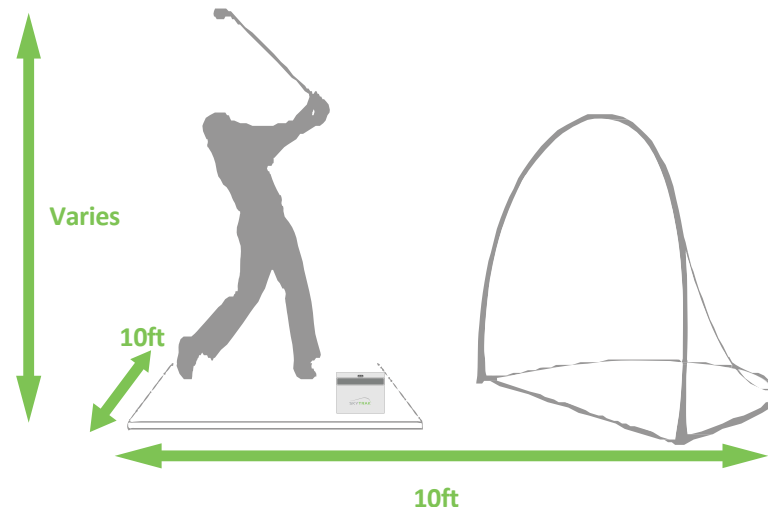
Always use a safety net and a hitting mat specifically designed for golf if the hitting area or the ball flight area is restricted such as indoors or in the back yard of a residence.

Placement of your Golf Ball

Make sure ST MAX is raised level with the hitting surface.
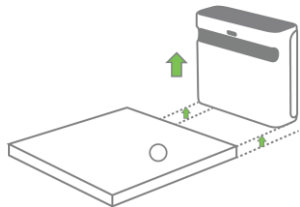
Once ST MAX is properly connected to the app on your mobile device, it will display a red laser dot on your hitting surface. Place a clean, white golf ball on the red dot.

Place ball on red dot
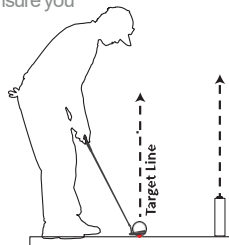
- OR-

Place base of tee on red dot
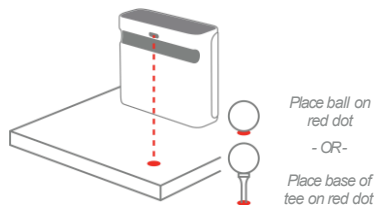
Place ST MAX parallel to your intended line of play. Depending on your set up, this may mean your target is not the center of the net.
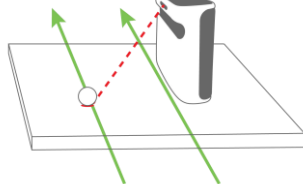
The intended target line should be parallel to the ST MAX for accurate shot simulation. Recommend using alignment sticks to check the target line. We suggest marking a line of the target in the ground or the net to ensure you are aligned to the target correctly.

Use of alignment sticks/ golf clubs increases the accuracy of intended line of play.

Target Line

Setup Tip: Being too far above or below the hitting surface can affect consistent shot capture and ball flight data.

Setup Tip: For optimum spin results, place the ball on the laser dot with some kind of marking on the golf ball, such as its brand logo, facing toward the lens prior to hitting.

Helpful Tips & Care Instructions

- ST MAX uses advanced optics that are located behind its lens. Scratches and dust or other issues that impact the lens quality may interfere with SkyTrak's operation. Keeping the lens clean and scratch-free will ensure the measurement accuracy and longevity of your ST MAX system.

- Use a clean, damp cotton cloth to clean the lens in a single wipe. **Do not use any chemicals to clean the lens.**

- Don't expose your ST MAX to extreme temperatures. Hot or cold conditions may affect performance.

- Don't allow your ST MAX to get wet.

- Don't drop your ST MAX, or hit your ST MAX with your golf club or golf ball.

- Compatibility of your ST MAX device with mobile devices, like tablet computers, varies by mobile device and its operating system and display capabilities, which change often and are outside the control of ST MAX . Not all mobile devices are compatible with your ST MAX device. To view a list of currently compatible devices, go to *www.skytrakgolf.com*

- **Fully charge the battery prior to playing with your ST MAX.**

LED Color Code Chart

Use this chart to identify or troubleshoot SkyTrak's various operational modes.

Power on with power key.	🟢 ⚫ ⚫
Hardware is booting up.	🔵 ⚫ ⚫
Application ready.	🟢 🔴 🔴
WiFi network connection in progress.	🟢 🟡 🔴
WiFi network connection success.	🟢 🟢 🔴
ARMED state.	🟢 🟢 🟢
Trigger state.	🟢 🟢 🟣

Trouble Shooting

Problem	Description
When charging, 'Power' LED does not come on.	Press and hold the Power button for 5 seconds. Make sure the USB cable has power. Try other devices, if possible, to verify cable is working. If still no power, leave cable plugged in for 40 mins and try again.
All 3 LED's turn red and unit turns off after 15 seconds	Battery is low. Connect the USB cable and charge the unit. The Power LED will turn off when ST MAX is fully charged and ready to go.
'Wi-Fi' LED is not turning green	First, ensure that your device running the SkyTrak software is connected to the same Wi-Fi network you connected the ST MAX to. Then restart the SkyTrak software on your device and allow it to load. If that does not work, try getting closer to your router or restarting your modem/router.
Wi-Fi and Power LEDs are green, but 'Ready' (top) LED is red	Your ST MAX may have been triggered by a waggle or other club movement. If you'll wait a few seconds, it should turn green again. If it still doesn't turn green, you can into a practice session or course, and it should rearm. If that does not work, switch to left handed mode.
Results seem inaccurate	Be sure to position the ball correctly near the red dot and make sure the unit sits level with the hitting surface. If using a tee, make sure the base of the tee is on the red dot. Please see ball placement article.

Should this Trouble Shooting Guide not answer your question, please refer to the Frequently Asked Questions at **https://resources.skytrakgolf.com/**

Upgrading SkyTrak Membership Level

To access premium features such as challenges and full course play with our simulator partners, you have the option to upgrade your membership level. For a full overview of membership options, please see
https://clubhouse.skytrakgolf.com/memberships

1. Log in to clubhouse.skytrakgolf.com
2. Go to my device.
3. Click the ellipse on the right side Press update Membership.
4. Upgrade plan
5. Choose what plan you want to purchase. Essential/Core/Elite.
6. Accept terms that your device meets the requirements.
7. Complete purchase and turn on Auto Renew if you would like.
8. Ater purchasing an upgraded membership, you will want to close out and reopen the SkyTrak software so it can check your license files to give you access to what you purchased.

Connecting to the ST MAX.

1. Turn on your SkyTrak Launch Monitor.
2. Open Wi-Fi settings on your mobile device or desktop/laptop.
3. Select the network labeled 'STMAX_XXXXXXXXXXXX'.
    3.2 Password for STMAX_XXXXXXXXXXXX is skytrakmax
 (It will say "no internet connection," which is normal; please proceed to the next step.)
4. After your device connects to your SkyTrak Launch Monitor's Wi-Fi, launch/return to the SkyTrak application
5. It will now set up a connection in Direct Mode. This can take a few minutes; it will be ready when you see the "connected in direct mode" indicator on the top right.

Connecting the ST MAX in Network mode.

1.Open your SkyTrak App. Select the connection indicator icon in the top right and Select Network Mode.

2. Press Proceed to Network Mode at the bottom right. (If you can not see it, please press ALT+ Enter on your keyboard. (PC Only)

3. Open the Network Wizard and press scan for networks; this could take a few minutes. (If the Scan is unsuccessful, you must add the Network Manually.

4. Once the wizard has scanned for networks, select your network name and enter your password.

5. Click "Connect to Network"
(Your Skytrak lights will flash, the middle light will go purple then yellow if a connection is made. It will go Red if it could not connect. **Please wait up to 45 Seconds for the lights to change.**

6. Once you have Green, Yellow, Red. Close the window in your upper right. Go to homepage of the Skytrak app, wait for you application to show looking for connection after it shows "Not Connected". Skytrak lights will turn all green when connected successfully.
 (If you are still waiting and solid yellow, please check your device's network settings to ensure you are back on your own Wi-Fi network, and power cycle your ST MAX and or ST application if needed.)

Connecting the ST MAX in USB mode.

NOTE: USB mode is not available for MacOS or iOS devices.
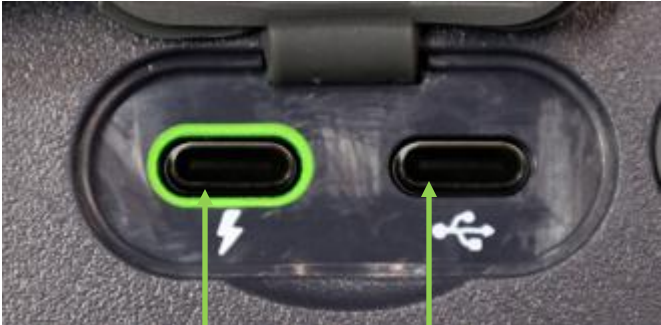
Power only   USB

1: Plug Power into USB C wall outlet.
2: Plug USB C cable into USB C port on PC.
(Windows Only)

Trouble Shooting

For help troubleshooting, visit support and our FAQ section for top tips and instructions
https://resources.skytrakgolf.com/

| Problem	Description
I can't get my hardware to connect to the Network (middle light remains red or flashing red)	Check the network Name and Password to make sure they were entered properly (no special characters) and make sure lower/upper case have been accounted for.
I can't get my hardware to connect in the app (middle light remains solid yellow).	Make sure your network is not setup as a Guest Network. Guest Networks will not allow device-to-device communication. If you have more than 1 network, make sure you device did not automatically connect to the wrong network. The device must be connected to the same network that you programmed to the unit.
The ST MAX unit does not show up in the list of available wireless networks.	The ST MAX may be in network mode, this is normal. You can put the ST MAX back into Direct Mode by opening the app, letting the unit connect, and selecting 'Direct Mode' from the device connections window on the dashboard or reset the unit by connecting in USB or Network> device> reset next to serial number.
ST MAX misses shots while in network mode.	Check the signal of your wireless network. You may need to add a repeater to boost the network signal.
I need help finding or changing my network password.	Due to the large number of routers out there, each with different configuration processes, we are unable to provide network support. Please contact your network professional.

Software Guide

Main Dashboard
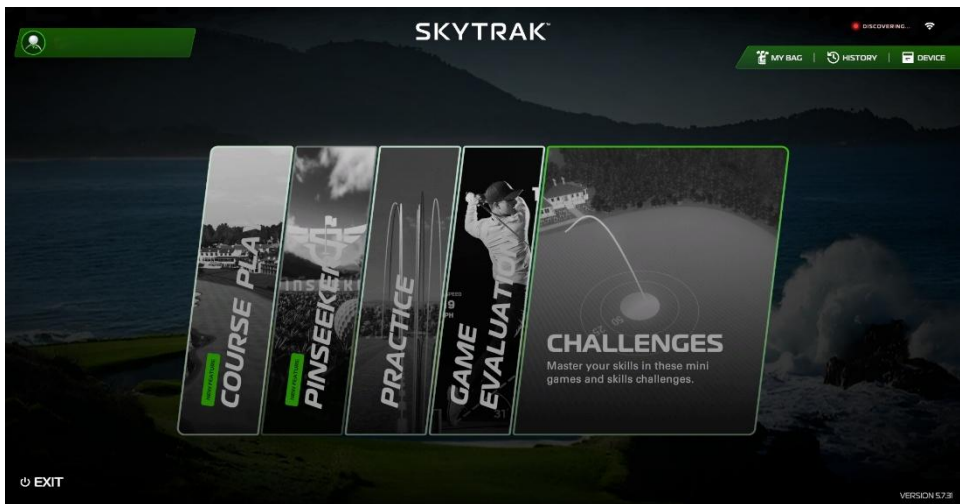
A – Course play- Play courses around the world with your Core or Elite membership.

B - Pinseeker – Compete against others in closest to pin challenges for real money.

C – Practice – Course play practice. Drop a ball on any course on any hole. Ranges will allow to practice on the standard range or enjoy several challenging ranges to work on your golf game.

D – Game evaluation- Bag mapping, Skill challenges, wedge matrix

E - Challenges- Target practice, Longest Drive, Closest to pin. Single play, Multiplayer and event modes

Menu

Once connected in Network mode or USB mode you can download courses. (Direct mode will not wok unless your PC is plugged in via ethernet or connect to a 2nd network with a USB network adapter.)
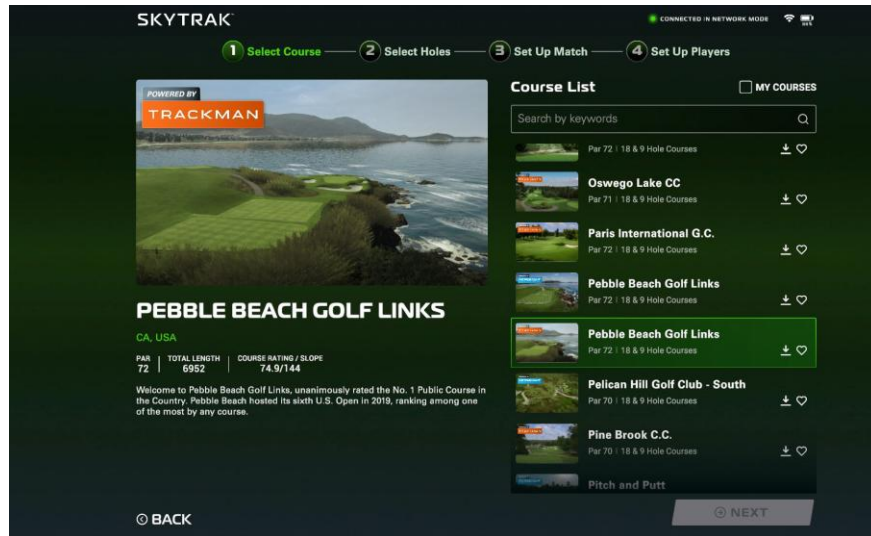
A – My courses- Top right will allow to filter to the courses you have access to. .

B – Download arrow – You must download each course before playing it.

C – Heart – Allows you to "heart" favorite a course that will show up at the top of the list of courses when you come back to this page.

D – Three Dots- This allows you to delete individual courses to make sure for more storage on your device

E - Next- Takes you to the following page to choose what holes you want to play.
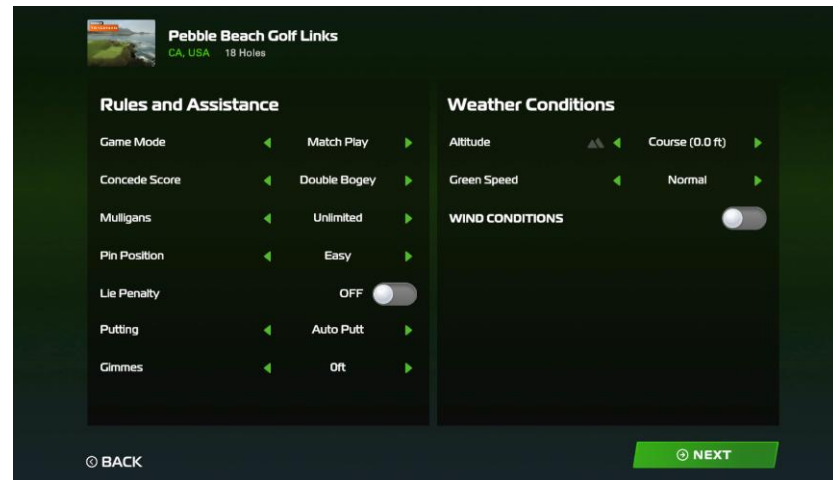
Software Guide
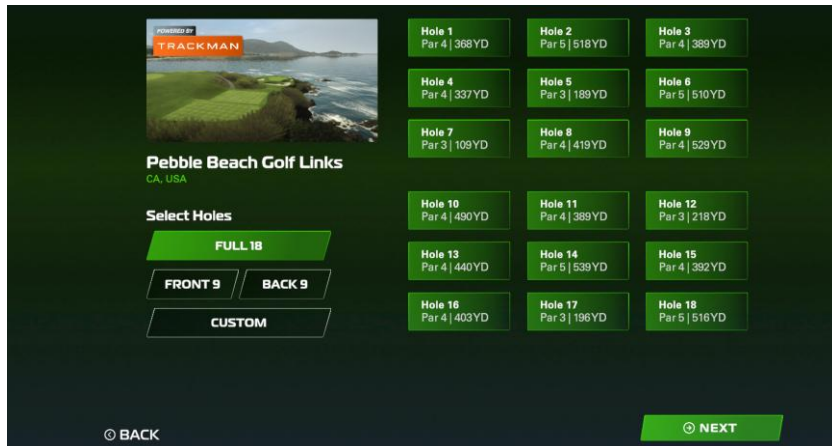
A – Full 18- Playing all 18 holes.

B – Front 9 – Holes 1-9.

C – Back 9 – Holes 10-18.

D – Custom- You can select any of the 18 holes to play. For example, all the par 5 holes.

E - Next- Moving to the next page to set up the match

A – Game Mode- Match Play/Stroke Play/Scramble (1Team up to 4)/ Scramble (2v2 teams).

B – Concede Score– (The max allowed strokes per hole) Double Bogey/Triple Bogey/Double Par/Actual Score.

C – Mulligans – 1/2/3/Unlimited.

D – Pin Position- (Where the flag is on the green.) Easy/Medium/Difficult

E – Lie Penalty- (Changes your power and spin depending where you are on the course) On/off.

F – Putting- Auto Putt- (will give you a tour average putt make depending where you are on the green). Putt It Out- (Putt until the ball reaches the cup.) Manual input- (Gives you the choice once you are on the green.) Auto Fixed- (Choose a distance for 1/2/3 putts) Auto two putt.

G – Gimmies- For putt it out you can choose a gimme distance. 0/3/5/10ft

H – Altitude- Course (0.0ft) (This is the course elevation./ Custom- Home/ 0ft-9999ft.

I – Green Speed- Slow/Normal/Fast/Lightning

J – Wind Conditions- On/off (Wind on course.)

K – Next- Will take you to player selection/

Software Guide
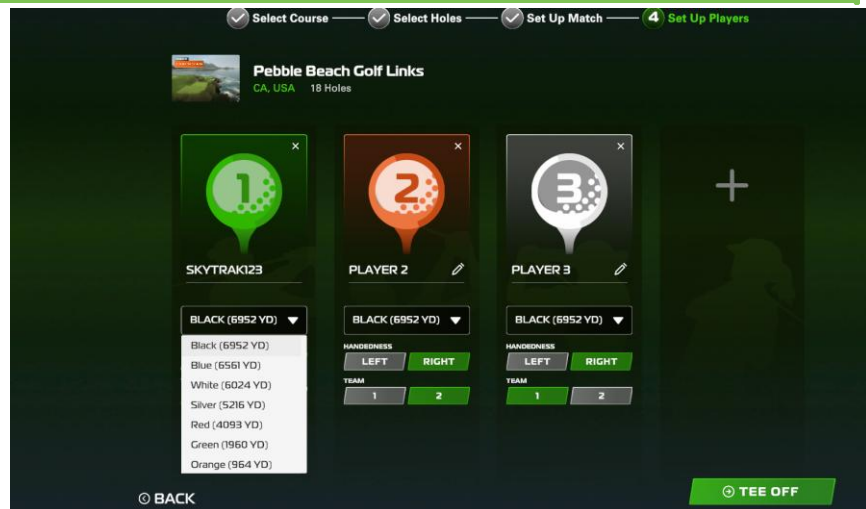
A – Tee Box – Choosing the tee box. Orange-Chip & Putt/ Green- Par 3/Red- Jr's.

B - Handedness– Left or right handed player. (This can not be changed mid round.)

C – Teams – Choosing what team you want each player to be on if you selected a scramble or match play on the previous page.

D – X- Removing the player from the roster.

E – Pencil- you can edit the name of the player.
F – Plus- Add a default user or a user who is signed in a sub account -**How to add a Sub Account**
G – Tee OFF- Start round.

Expanded view on next page

SKYTRAK

CONNECTED IN NETWORK MODE

Menu

Player E

Score

HOLE **7** | **1** 2 3

PAR 3 | 106 YD

Hole   Stroke

Hole information

PEBBLE BEACH GOLF LINKS - TRACKMAN

WIND 5 MPH Y

Hide

Expand View

Hide Trees on map

Distance   Slope   Hide Distance

110 YARDS | **29** FEET | 👁

PLAYS LIKE **101**

Adjusted Distance with Slope

110 YD

Wind

Lie Penalty

FULL MAP VIEW

TEE BOX   Power **100%** Spin **100%**

FLYOVER   DRONE   GREEN

Views of course

Shot data/Mulligan/Rehit/Skip Shot

SHOT DATA

Software Guide

A– QR Code- Scan this code after downloading and opening the PinSeeker application on your mobile device.
B- Back- Back to homepage.
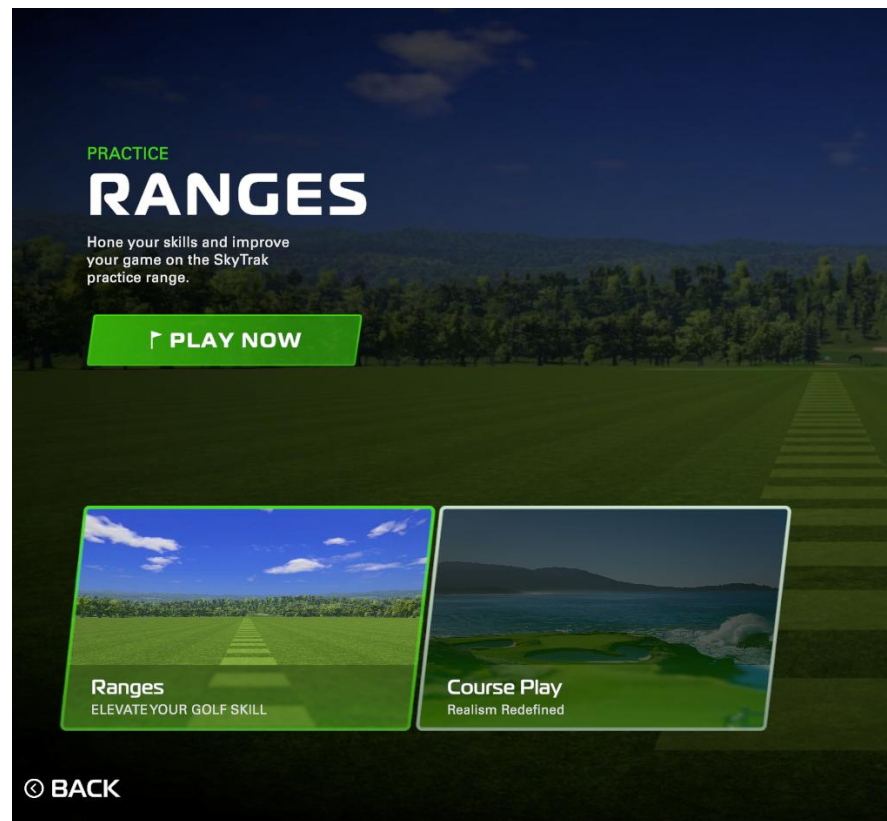
A– Ranges- Standard Practice range plus access to additional improvement ranges with an essential or higher membership.
B– Course Play- Course play practice. Course play practice. Drop a ball on any course on any hole with an active Core or Elite Membership
C- Back- Back to homepage.

Software Guide

A – Skills Assessment- Hitting chosen target distances with your choice of club, testing your accuracy.

B – Bag Mapping – Tailor your bag clubs, Find out your distances per club to learn to play the course better.

C – Wedge Matrix – Practice the clock drill to understand your wedges and grow your short game skills.

D – Back- Back to homepage.

A – Closest to the Pin- Choose a target distance to compete who is closest. .

B – Target Practice – Choose a target distance and compete who can get the most points.

C – Long Drive Competition – Challenge your friends who can drive the longest.
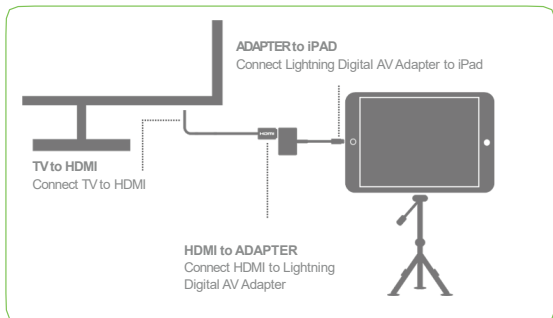
D – Multi-Range- Coming Soon

E – Player options- Singe Player/ Multiplayer (Local)/ Event Mode- Keeps a running list of challengers.

F – Back- Back to home page.

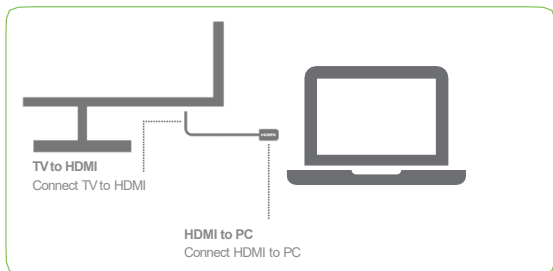# Connecting to a Monitor/Projector

Use a Lightning Digital AV Adapter with HDMI cable to connect to your TV.

1. Connect the adapter to your iPad.
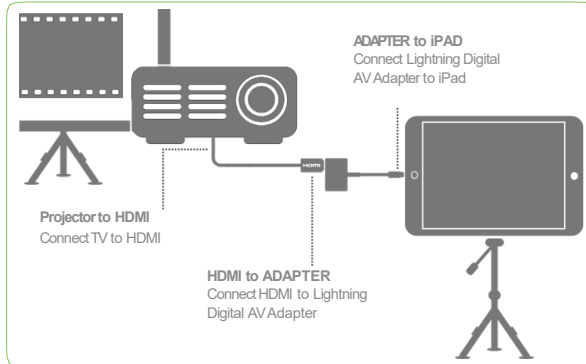2. Connect the HDMI cable between the TV and the adapter.

ADAPTER to iPAD
Connect Lightning Digital AV Adapter to iPad

TV to HDMI
Connect TV to HDMI

HDMI to ADAPTER
Connect HDMI to Lightning Digital AV Adapter

Use an HDMI cable to connect to your TV.

1. Connect the HDMI cable to your computer.
2. Connect the HDMI cable between the TV.

TV to HDMI
Connect TV to HDMI

HDMI to PC
Connect HDMI to PC

Use a Lightning Digital AV Adapter with HDMI cable to connect to your projector.

1. Connect the adapter to your iPad.
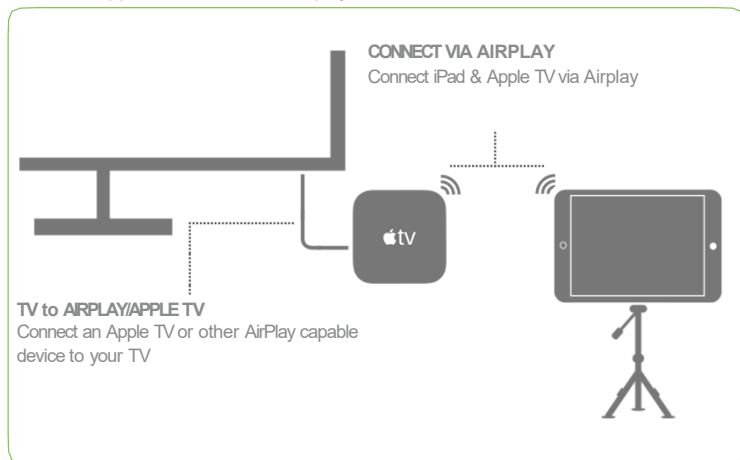2. Connect the HDMI cable between the projector and the adapter.

ADAPTER to iPAD
Connect Lightning Digital AV Adapter to iPad

Projector to HDMI
Connect TV to HDMI

HDMI to ADAPTER
Connect HDMI to Lightning Digital AV Adapter

Use an HDMI cable to connect to your projector.

1. Connect the HDMI cable to your computer.
2. Connect the HDMI cable to the projector.

Projector to HDMI
Connect TV to HDMI

HDMI to PC
Connect HDMI to PC
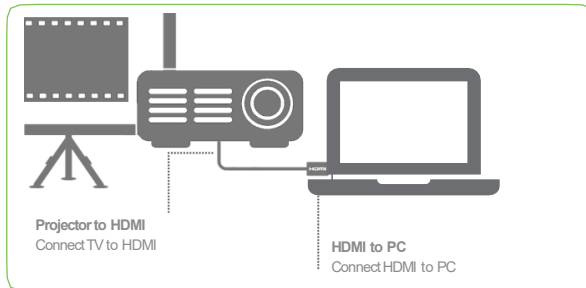
Use an Apple TV or another AirPlay- capable device.

1. On your iPad, swipe up to open the Control Center and choose AirPlay.

2. Select Apple TV and the iPad display will be mirrored on the TV.

CONNECT VIA AIRPLAY
Connect iPad & Apple TV via Airplay

TV to AIRPLAY/APPLE TV
Connect an Apple TV or other AirPlay capable device to your TV

Tip: For longer sessions, plug the Lightning charger into the adapter or directly into the iPad when using AirPlay.

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