

Skyhook Quick Start Guide

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Unboxing

Setup

After unboxing the Skyhook package, the following three items should be present.

1. Skyhook Jump Mat
2. BrainBot (Skyhook controller)
3. BrainBot charging cable



Please record the serial number from the Skyhook Jump Mat Cord and from the back of the BrainBot and keep them in a safe place in the event the on-product labels are damaged.

Please remove the shipping cap from the BrainBot as shown below. This cap can be discarded with the packaging.



The USB BrainBot Charging Cord connects to the BrainBot magnetically as shown in the picture below. Charge the BrainBot with a **standard 5 volt "Power Brick"** only. Most standard power bricks will be fine to use. **The BrainBot is fully charged when the red charging LED indicator turns off.**



If you cannot connect to the BrainBot (connection process explained in software setup), gently press the reset button (R) which is located near the charging connectors on the bottom of the brainbot. The LED will flash alternating blue and green lights when the button is pressed. **Don't stare directly into the LEDs.**



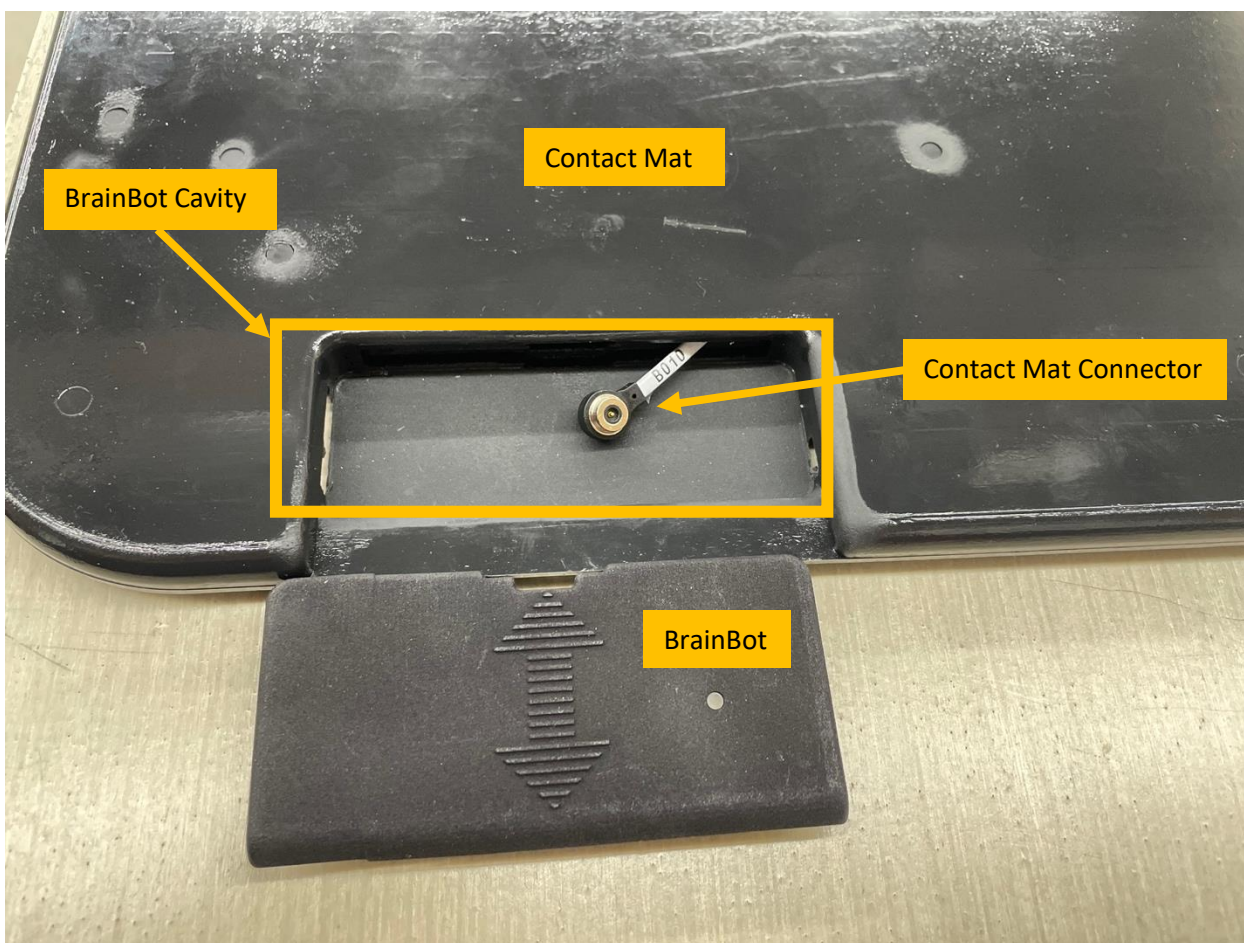
Finally, after charging the BrainBot, connect it to the Skyhook Jump Mat using the Magnetic Connector. After connecting the BrainBot, slide it into the BrainBot cavity in the Skyhook Jump Mat and seat it securely in place.



Connecting and disconnecting the BrainBot

The following procedures **must always** be used when connecting and disconnecting the BrainBot. Failing to follow the procedure can lead to **permanent damage**. Never handle the BrainBot aggressively or yank the BrainBot Connector.

BrainBot Connection Diagram



Connecting BrainBot

1. Gently press the Contact Mat Connector into the BrainBot. Make sure the Contact Mat Connector is aligned properly, **it only fits one way**. Do not put tension on the Contact Mat Connector. Bring the BrainBot closer to the Contact Mat Connector to avoid this.



2. Insert the BrainBot into the BrainBot Cavity. Make sure to avoid putting tension on the Contact Mat Connector when seating the BrainBot in its cavity.



Disconnecting BrainBot

1. Unseat the BrainBot from the from the BrainBot Cavity. To do this, grab the BrainBot from the edge. Then gently lift and pull the BrainBot towards the corner of the mat. Do not put tension on the Contact Mat Connector or yank the BrainBot.
2. Place one hand on the BrainBot and the other hand on the Contact Mat Connector. Make sure to grab the Contact Mat Connector **by the cord**.
3. While grabbing the Contact Mat Connector with one hand, gently remove the BrainBot by pulling **straight** away from the Contact Mat Connector. Make sure to keep your hand **secure on the Magnetic Connector** until the BrainBot is removed to avoid tension. Done!



THE SKYHOOK APP (SOFTWARE) SETUP

The Skyhook App is a vital component of the Skyhook Jump Mat Strength and Agility System. The Skyhook App may be downloaded and used by Operators/Coaches to input Athlete information and team rosters, track jump sessions, and assess performance metrics for athletes and/or entire rosters alike.

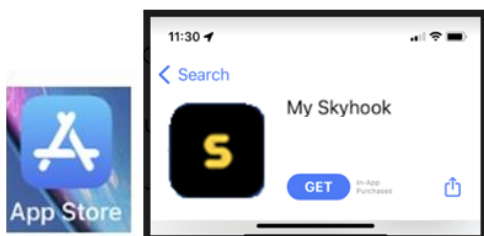
NOTE: The Skyhook App has been optimized for Apple iPhone and iPads, and is also compatible with Android phones and tablets. Please see installation details below.

For any inquiries or to provide feedback on the Skyhook Jump Mat or App, please send an email to: contact@rdminnovation.com

Install the Skyhook App

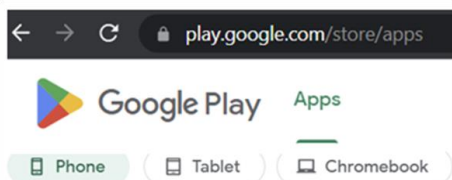
Install on Apple (iPhone, iPad) mobile devices

1. Confirm the System Requirements for your Apple device.
2. Check your device's compatibility.
3. Visit the Apple App Store; search for **"My Skyhook"** and click "Get" to download.



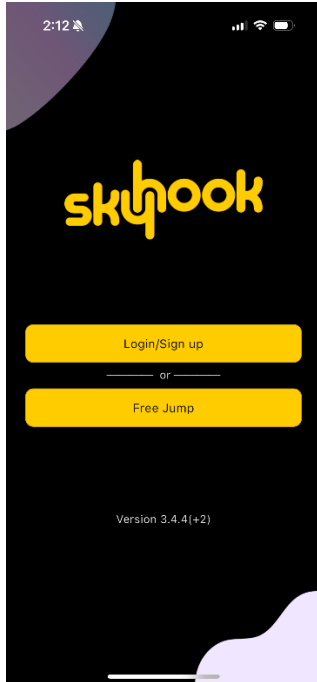
Install on Android mobile devices:

2. Confirm the System Requirements for your Android device.
3. Check your device's compatibility.
4. Visit the Google Play Store; search for **"My Skyhook"** and download.

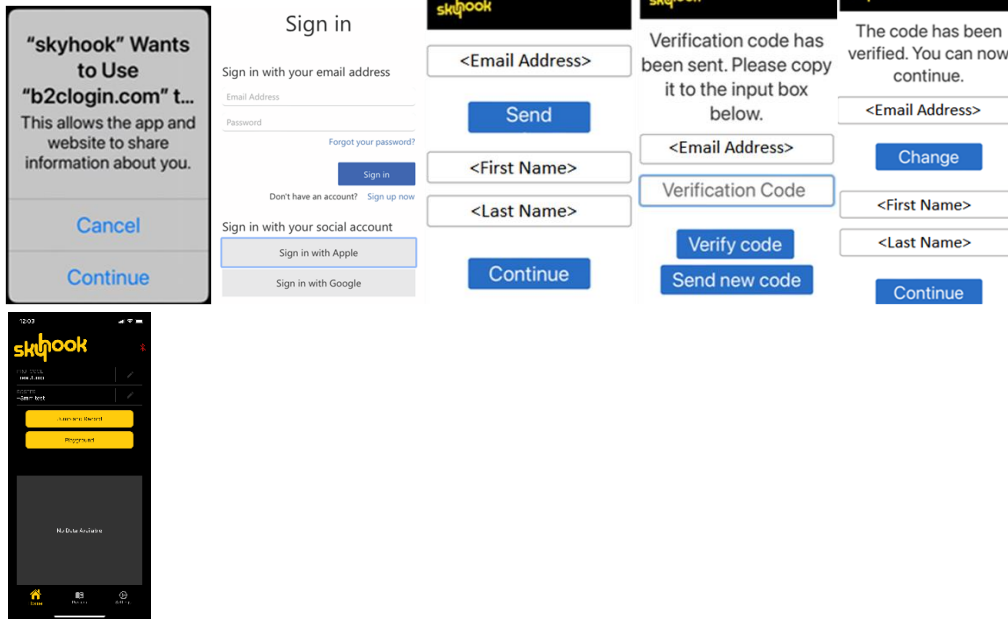


Sign Into the Skyhook App

Upon launching the Skyhook App for the first time on your mobile device, you will be presented with two preliminary Sign In options: **“Login”** or **“Free Jump.”**



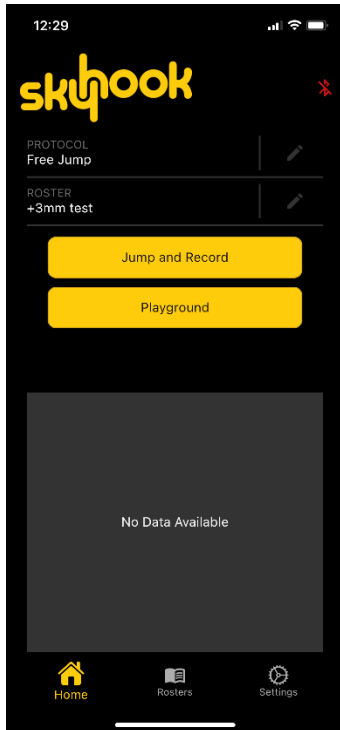
- **“Login”** will present you with an initial screen that states: [**“skyhook” Wants to Use “b2clogin.com t... This allows the app and website to share information about you”**].
 - Select “Continue,” which opens a window to Sign into an existing Skyhook account or Sign up for a new Skyhook account.
 - If it is your first time opening the Skyhook Application, select the **“Sign up now”** link underneath the blue “Sign in” button.
 - To register a new account, enter your email address **and click “Send”** to send a verification code to your email. A code will be sent to your email, and once you input the code to verify your email address, select “Verify Code” and then “Continue” to create your new Skyhook user account.



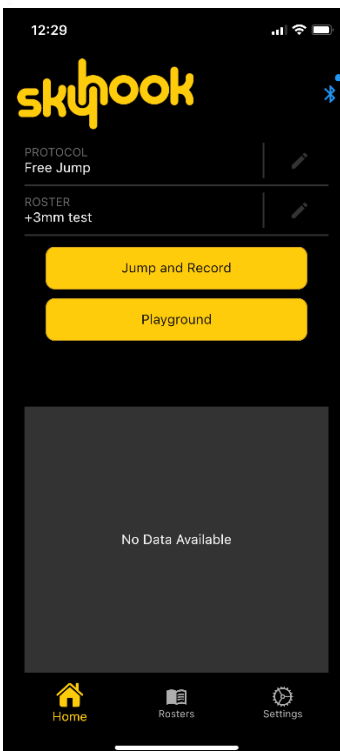
- **“Free Jump”** will allow you to enter a demo mode, where you or other users may freely use the mat to set up a jump protocol and view jump results (You will select to use either the Metric System or the Imperial System of measurement.)
 - **Note that when you select “Free Jump,” your jump session results will not be saved and cannot be exported from Free Jump.**

Connect to Mat

When you select the “Login” or “Use Offline” Sign In options, either a RED or BLUE Bluetooth icon will appear in the upper-right corner of the screen on your Home Page. Note the Bluetooth icon is also visible on the Jump and Record page).



RED Bluetooth icon means the Skyhook App is NOT CONNECTED to the Jump Mat



BLUE Bluetooth icon means the Skyhook App IS CONNECTED to the Jump Mat

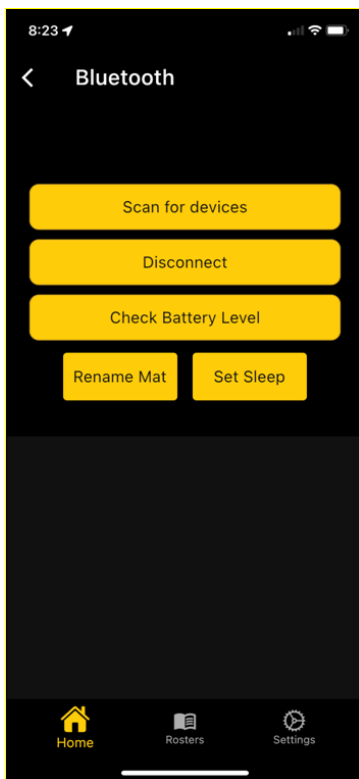
If the Bluetooth icon is RED, the Skyhook App on your device is not connected to your Skyhook Jump Mat.

If the icon is BLUE, then you are already connected and able to start adding Jumpers/Rosters via the Skyhook App.

To connect to your Skyhook Jump Mat to the Skyhook App if the Bluetooth icon is RED:

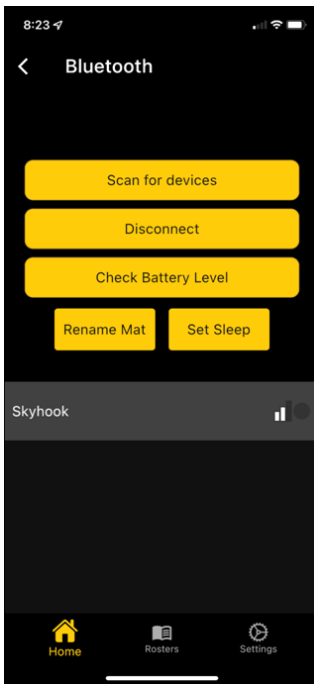
1. From the Home Page, Free Jump page, or Jump Assessment page, click on the Bluetooth icon in the upper-right corner of the screen.

The resulting Bluetooth connect screen below will allow you to scan for all Bluetooth-enabled devices, including your Skyhook Jump Mat.

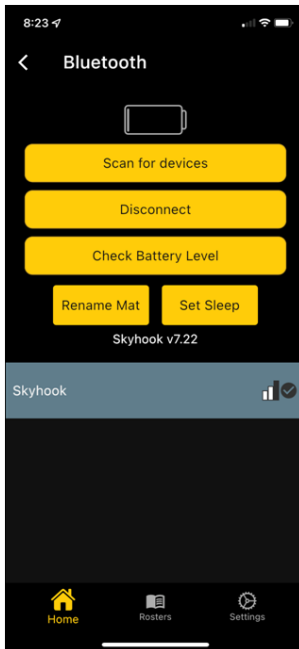


2. PRIOR to selecting the “Scan for devices” button on your Bluetooth screen, make sure that your BrainBot is plugged into the yellow connector on the Skyhook Jump Mat, and then gently step on the Skyhook Jump Mat itself to ensure that the mat is “awake” and active. You will know the mat is active when the brain bot flashes blue and green lights in an alternating sequence.

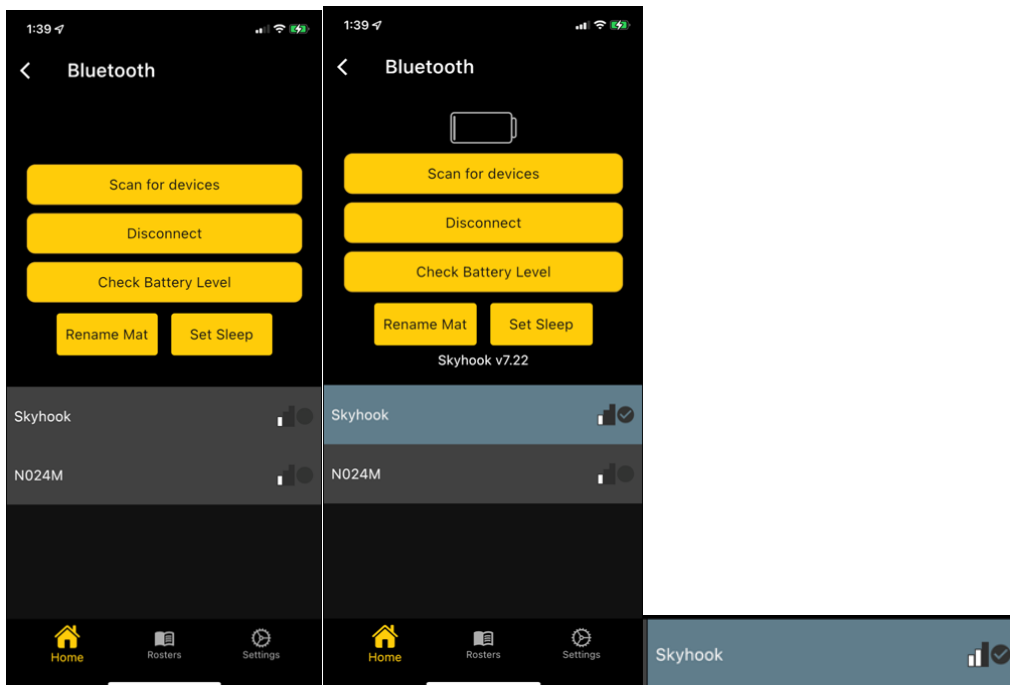
- Once the mat has been activated, in your Skyhook App click ONCE on the “Scan for devices” button, and then wait for the “Skyhook” Bluetooth device to show up in your list below. If “Skyhook” does not appear after a several seconds, try pressing scan again. If “Skyhook” still doesn't appear, try closing out the app and logging back in. If device Bluetooth permissions were just granted, some devices require the app to restart. If the device still does not appear, press the reset button, and try again. If the problem persists, contact support immediately.



- Next, click directly on the new “Skyhook” list option to have Bluetooth connect the Skyhook App to the Skyhook Jump Mat. “Skyhook” should be the first option if a Jump Mat is detected.



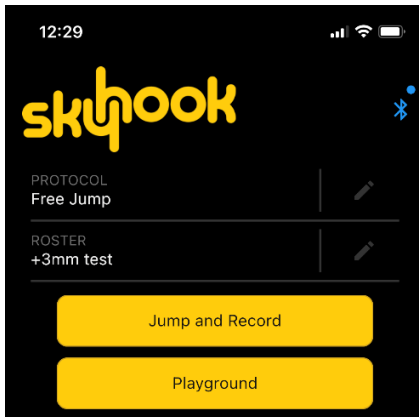
NOTE: If more than one device shows up when you click “Scan for devices,” follow the same directions as in Step #4 above to connect to your “Skyhook” device. Once the mat is connected, the “Skyhook” option in your list will be highlighted and a circle checkmark will show up to the right of the device’s name.



5. Leave the Bluetooth connection screen by clicking the Bluetooth “back arrow” at the top left of the screen:



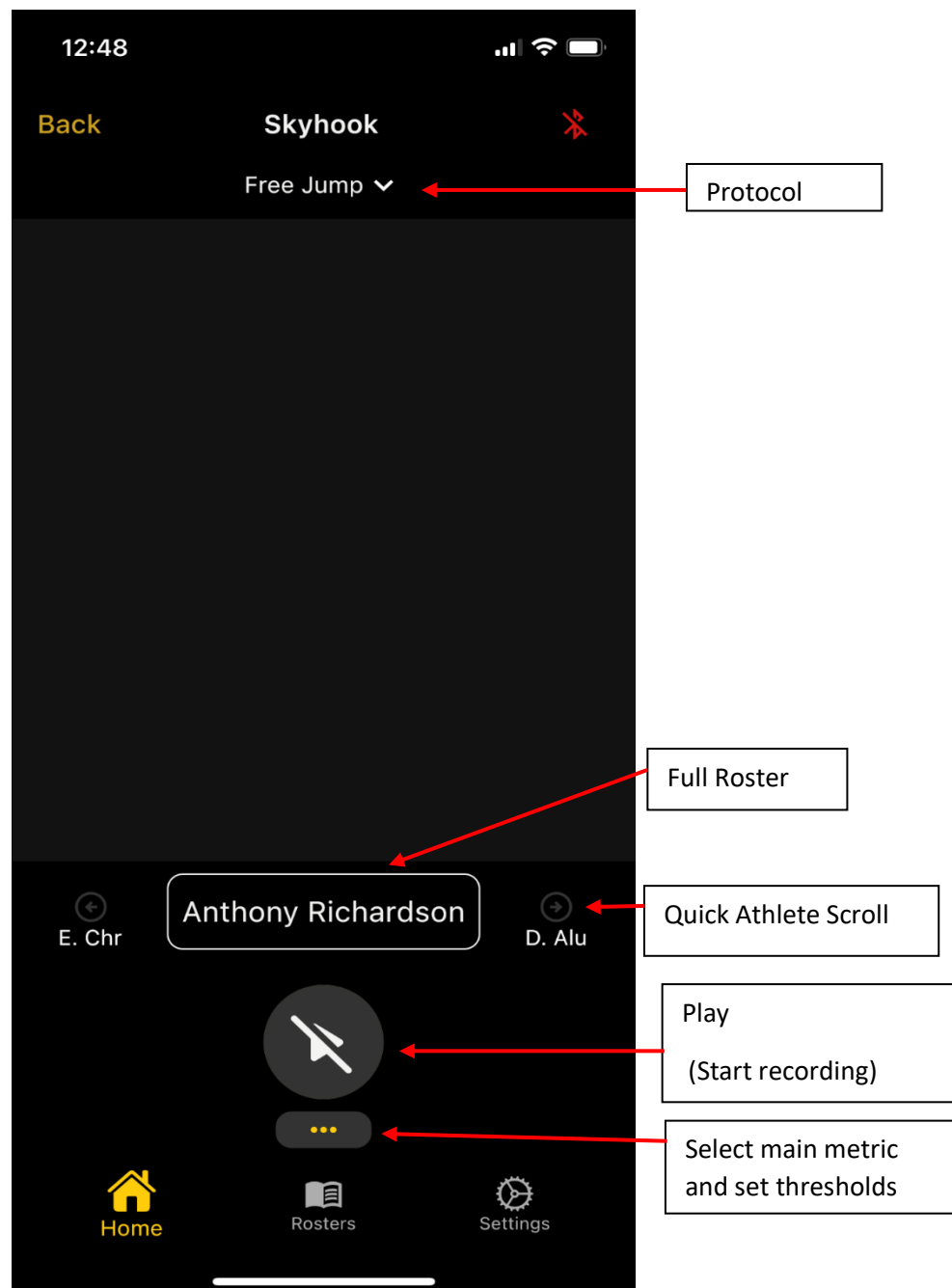
6. After closing the Bluetooth connection screen, in your Home Page window verify that the Bluetooth icon is now BLUE, indicating the Skyhook Jump Mat is now connected to the Skyhook App on your device.



Feature Overview

Jump and Record

When tracking long term individual athlete and roster data is desired, use the jump and record feature. This mode allows the selection of a jump protocol, a roster, and an athlete. The jump protocol and roster can be selected from the home screen. The athlete and protocol can be changed once in the jump and record screen. The following graphic breaks down the jump and record screen functionality.



Protocol Creator

From the home screen press the pencil icon next to the current protocol. Then select “Create Protocol.” This enters the Skyhook protocol creator. This will allow you to customize a jump session exactly as you like with many different possibilities. There are several default protocols available at the beginning to get you started.

Roster Creator

From the home screen press the pencil icon next to the current roster. Then select “Create Roster.” Give them roster a name and then you are taken into the roster home page. Click the large plus sign to add athletes. This can be done directly or through CSV. For CSV importation the Athletes first names must be in the left most column and the athletes last name must be in the adjacent right column. If you already have a roster in this form with extra data in further right columns, the roster can still be imported!

Trial History

On the roster screen the performance of an entire roster can be viewed graphically with several filters. Then choose an athlete on that roster to view athlete specific data. There are graphical representations of the athlete’s data and a detailed trial history for that athlete. Press the specific trial of interest to review the full trial data and to see an RSI quadrant classification of the trial.

Settings

There are several important options on the settings screen. Units and RSI formula can be selected, based on user preference. Additionally, a “Just Jump Adjustment” can be enabled. This setting will adjust the true air times measured by the Skyhook Jump Mat to Just Jump air times. This setting is also based on user preference.

Additionally, there are two data options on this screen. Press **“Save to cloud”** to save any local jump data. The app will periodically save data to cloud and display the date and time of the last sync. The best practice is to check this time stamp before closing the app. If data was collected after this time press "Save to Cloud." Export data can be used to export a CSV for personal data analysis or importation into another software.

Enjoy!