



AddCon+ Official Online Manual

AddCon+ is a device that attaches to the left and right controllers of the Meta Quest 3 / 3S / Pro, adding finger tracking for use in VRChat and similar apps, as well as extra buttons and a wheel that can also be used in VRChat.

The buttons also support keyboard input, so they can be used as shortcut buttons outside of VR.

[The product page is available at this link.](#)

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Shiftall Inc.

1. Introduction

Thank you very much for purchasing AddCon+.

Please read this manual carefully and follow the instructions and precautions for proper and safe use. Before using the product, be sure to read the "[Safety Precautions](#)" section.

2. Setup Guide

These are the setup steps for using AddCon+.

● STEP 1

In "[Preparation / Before Use](#)," check the package contents, button locations and names, charging method, and other basic information.

- **STEP 2**

[Attach AddCon+](#) to the compatible controllers.

- **STEP 3**

[Install the dedicated AddCon+ software](#), “AddCon Manager,” from Steam.

- **STEP 4**

Follow the setup wizard to connect AddCon+ to AddCon Manager via Bluetooth and calibrate hand tracking.

[Using the Setup Wizard](#)

- **STEP 5**

Configure Button and Wheel Settings.

[Button & Wheel Settings](#)

You can start using AddCon+ by following the steps above.

3. Safety Precautions

Safety Precautions (To reduce the risk of injury and harm, please be sure carefully read and follow all these instructions.)

Danger: High risk of death or serious injury

- Use the supplied USB cable for charging to charge the product as specified in the online manual to avoid battery leakage, overheating, or rupture. This could result in fire or explosions and death or serious injury.
- Only use the product for its original purpose. Doing otherwise may result in damage to the equipment, accidents, or injury.
- When using the product be sure to provide sufficient play space. Using the product with clutter around may result in damage to the equipment, accidents, or injury.
- Exposing the product to water may result in electric shock. Do not use it in a kitchen, laundry room, bathroom, outside in the rain, etc. Electric shock
- The product contains a rechargeable battery. Do not expose it to fire. Do not charge, use, or leave it at high temperatures. Do not heat in a microwave, oven, or dryer. Overheating may cause the battery to catch fire or explode.
- The USB cable for charging is only for the product. Do not use it for any other purpose. Doing otherwise may cause accidents due to damage or malfunction to the cable or connected equipment.

Warning: Risk of death or serious injury

- In the event of the following abnormalities or malfunctions immediately unplug the USB cable for charging and discontinue use. If you continue to use the product it may cause a fire or electric shock. If there are any problems with the product contact the Shiftall support desk.
Beware of:
 - Smoke or unusual smells or sounds.
 - Water or foreign matter inside the product.
 - Damage to the product or USB cable for charging.
- Do not damage or modify the USB cable for charging or charging connector.
Do not forcibly bend, twist, pull, or place heavy objects on cables. Do not allow cables to overheat. Using cables in a damaged condition may cause a fire due to short-circuiting.
- Do not disassemble or modify the product.
Modifications, including placing metal objects inside the product, may result in malfunction, burns, or fire.
- Use a USB charger that can output 1.0A or more when connected to the USB cable for charging. Insufficient output may cause failure of charging,
- Do not allow foreign objects, including water and other liquids, to enter the product. A short circuit or overheating may cause a fire, electric shock, or malfunction. Be especially careful with children.
- Do not use the product near automatic control devices such as automatic doors or fire alarms. Radio waves from the product may affect the automatic control devices causing accidents due to malfunction.
- Do not use it in hospitals or places where electrical medical equipment is located. Radio waves from the product may affect electrical equipment causing accidents due to malfunction.
- The radio waves from the product may affect the operation of cardiac pacemakers. Please keep the product at least 15 cm (6 inches) away from any pacemaker.

Caution: May result in minor injury or property damage

- Do not use the product in any place with high humidity, steam, oil smoke, or dust. Doing so may cause fire or electric shock.
- Do not place heavy objects on top of the product or the USB cable for charging. It may fall and cause injury.
Also, it may deform the outer case or the plug of the cable and damage the internal parts and cause a fire or malfunction.
- Do not use the product while sleeping. Doing so may result in damage to the equipment, accidents, or injury.
- Do not place the product where infants or children can reach it. It may cause unexpected accidents or injury.
- It may fall and cause injury. Also, it may deform the outer case or the plug of the cable and damage the internal parts and cause a fire or malfunction.
- Do not leave the product in a place where the temperature is abnormally high. Do not leave it inside of a car or the trunk of a car, especially in hot weather. Doing so may result in a fire. Undue heat may cause deterioration of the outer case and internal parts.
- Do not forcibly spread or pull the grip part when attaching or detaching from the controller. Applying excessive force may cause damage to the product or result in injury.

4. Preparation / Before Use

4.1. Requirements

To use AddCon+, you will need the following:

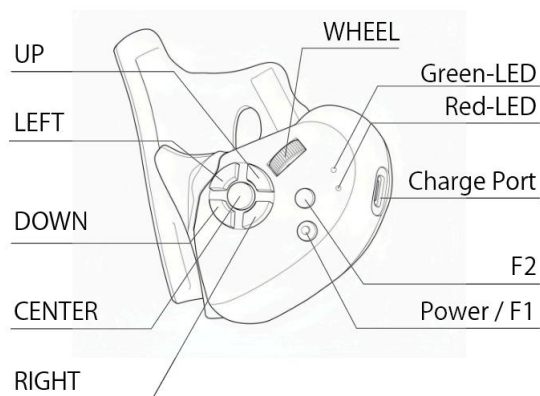
- A Windows 11 PC that supports SteamVR 2.12.14 or later and has Bluetooth connectivity
Tested Bluetooth adapters : [View the list](#)
- A controller compatible with AddCon+
Compatible controllers : [View the list](#)
- A USB charger with an output of 5V / 1.0A or higher per port

4.2. Included items

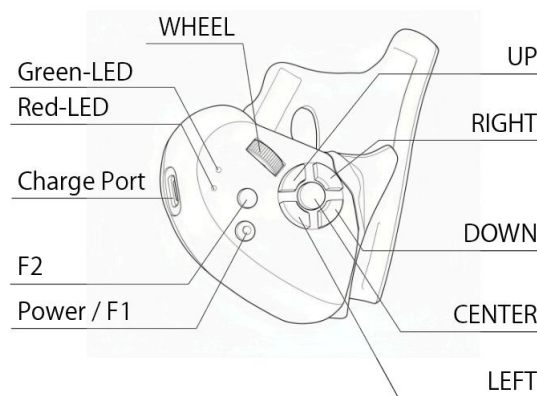
Item	Quantity
AddCon+ Main Unit (Left)	1
AddCon+ Main Unit (Right)	1
USB Charging Cable	1
Safety Precautions / Warranty	1

4.3. Names of Each Part of the AddCon+ Unit

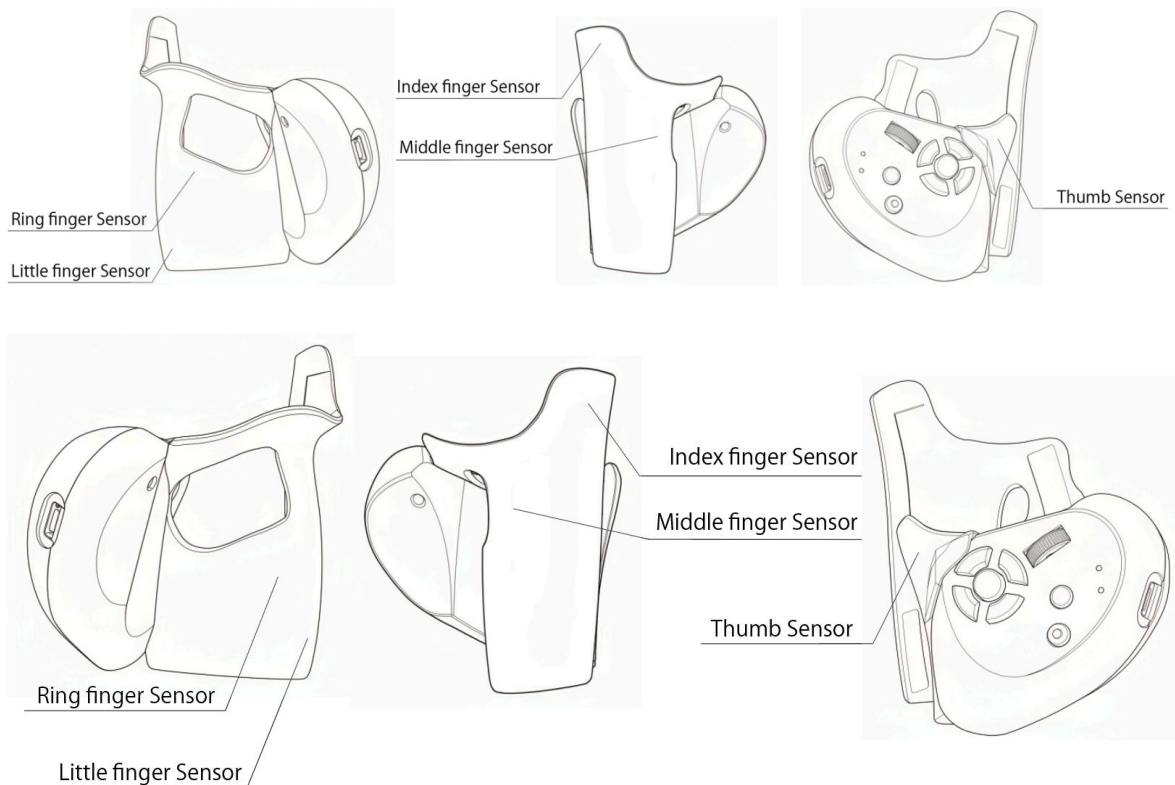
Left Unit



Right Unit



4.4. AddCon+ Touch Sensor Locations



4.5. Charging

Before using AddCon+ for the first time, please charge it first.
Connect the unit to a USB charger using the included USB charging cable.

- The red LED lights up while charging.
- It takes about 2 hours and 30 minutes to fully charge from empty (when the power is off).
- The red LED turns off when charging is complete.

Note: Hold the USB plug and insert or remove it straight. Do not wiggle it from side to side or insert it at an angle, as this may deform the connector and cause a malfunction.

Note: Using a USB charger with an output of 5V / 1.0A or less per port may prevent charging and could cause the USB charger to malfunction, overheat, or catch fire.

【Charging Precautions】

- Charge the product in a location with an appropriate ambient temperature of 10 °C to 35 °C (50 °F to 95 °F).
- Be sure to also read the "[Safety Precautions](#)" section.

4.6. How to Operate the Unit

4.6.1. Turning the Power On

Press and hold the Power / F1 button on AddCon+ for about 3 seconds or longer to turn it on.

After the red LED and green LED light up for 2 seconds, the green LED begins blinking slowly, indicating that it is waiting for a Bluetooth connection.

4.6.2. Turning the Power Off

While the unit is powered on, press and hold the Power button for about 3 seconds or longer to turn it off.

Note: If AddCon+ is not connected to AddCon Manager, the unit will automatically turn off after 20 minutes.

4.7. LED Indicators

LED Color (Pattern)	Status	Condition
Green Slow blinking	Waiting for Bluetooth connection	Not connected via Bluetooth
Green Two quick blinks	Bluetooth connected	Connected via Bluetooth
Green Blinking	Firmware update mode	In firmware update mode Note: If the unit remains in this state, click here .
Green Very rapid blinking	Firmware update in progress	Firmware update in progress
Red Solid	Charging	Battery is charging
Red Fast blinking	Charging error	An error has occurred during charging Note: If this state occurs, click here .

5. Attaching to the Controller

Attach AddCon+ to a compatible controller (hereinafter referred to as the “controller”).

Insert the thumb sensor section under the controller's grip button.



While rotating the unit to the right, move it toward the joystick.



Adjust the position of the unit so that it fits along the controller.





5.1. Tips for Using the Knuckle Straps

If the knuckle straps are tightened too much, your fingers may not reach the AddCon+ buttons. We recommend loosening the straps slightly to ensure easy access to all buttons.

6. Application Setup

6.1. Installing Shiftall AddCon Manager

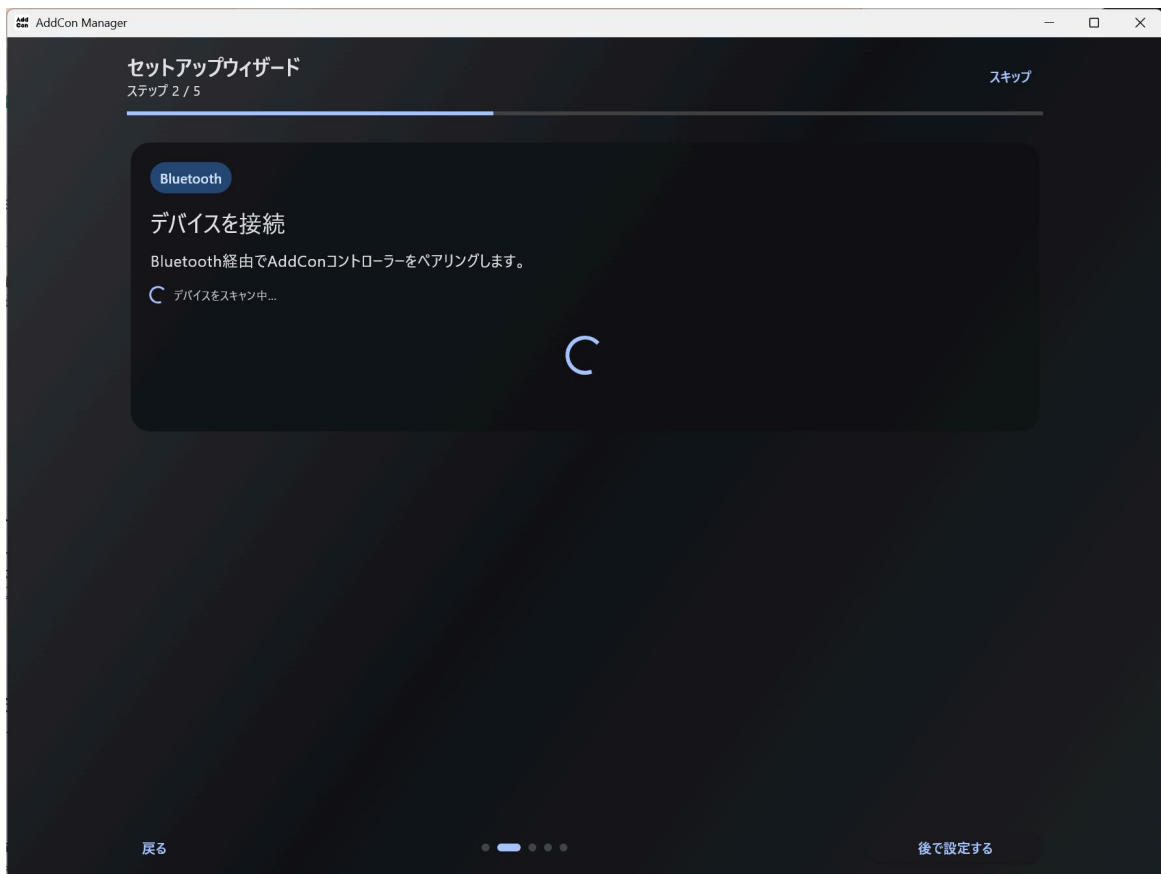
Install AddCon Manager (hereinafter referred to as the “app”) from Steam. If Steam is not installed, install it from the Steam website.

https://store.steampowered.com/app/4350400/Shiftall_AddCon_Manager/

6.2. Using the Setup Wizard

6.2.1. Adding Devices

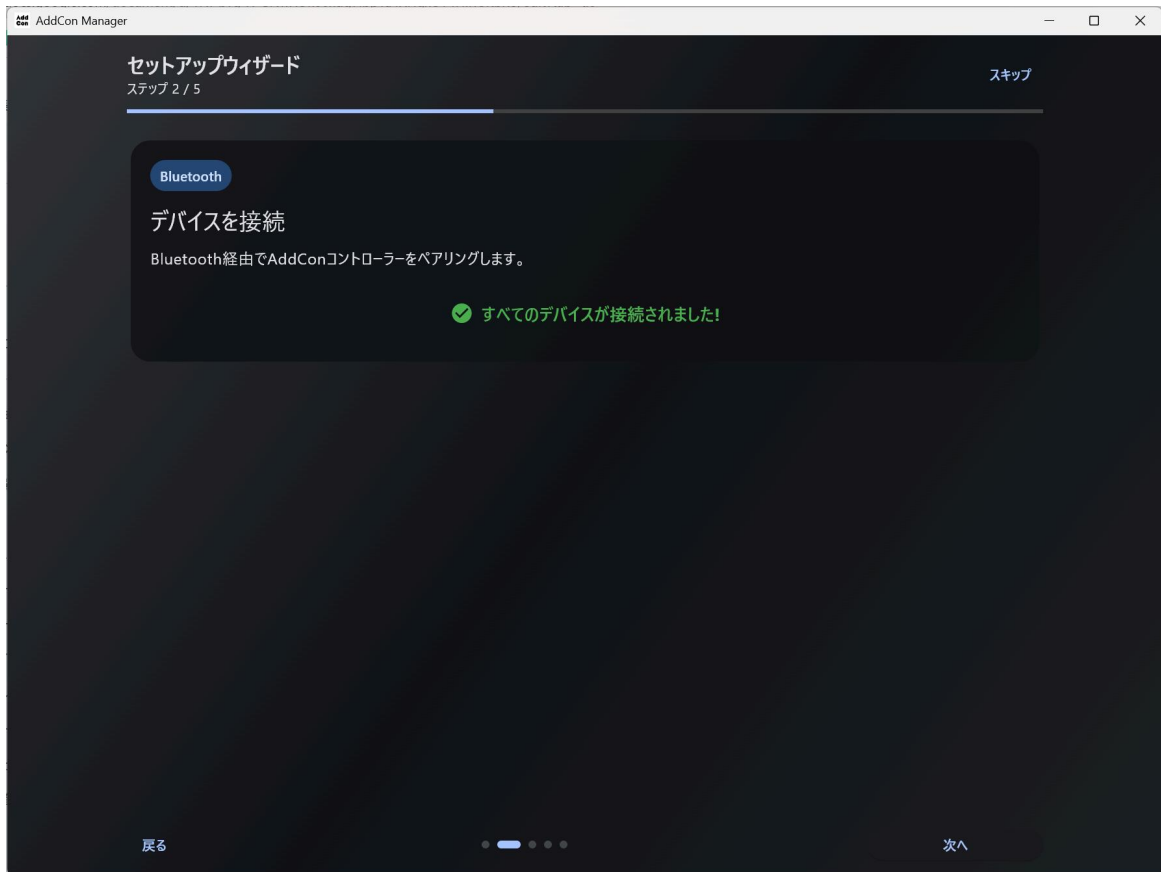
Add your AddCon+ devices on page 2/5 of the setup wizard when you first launch the app. Turn on the AddCon+, and it will appear in the list.



Select two devices and click the "Connect to 2 Devices" button.

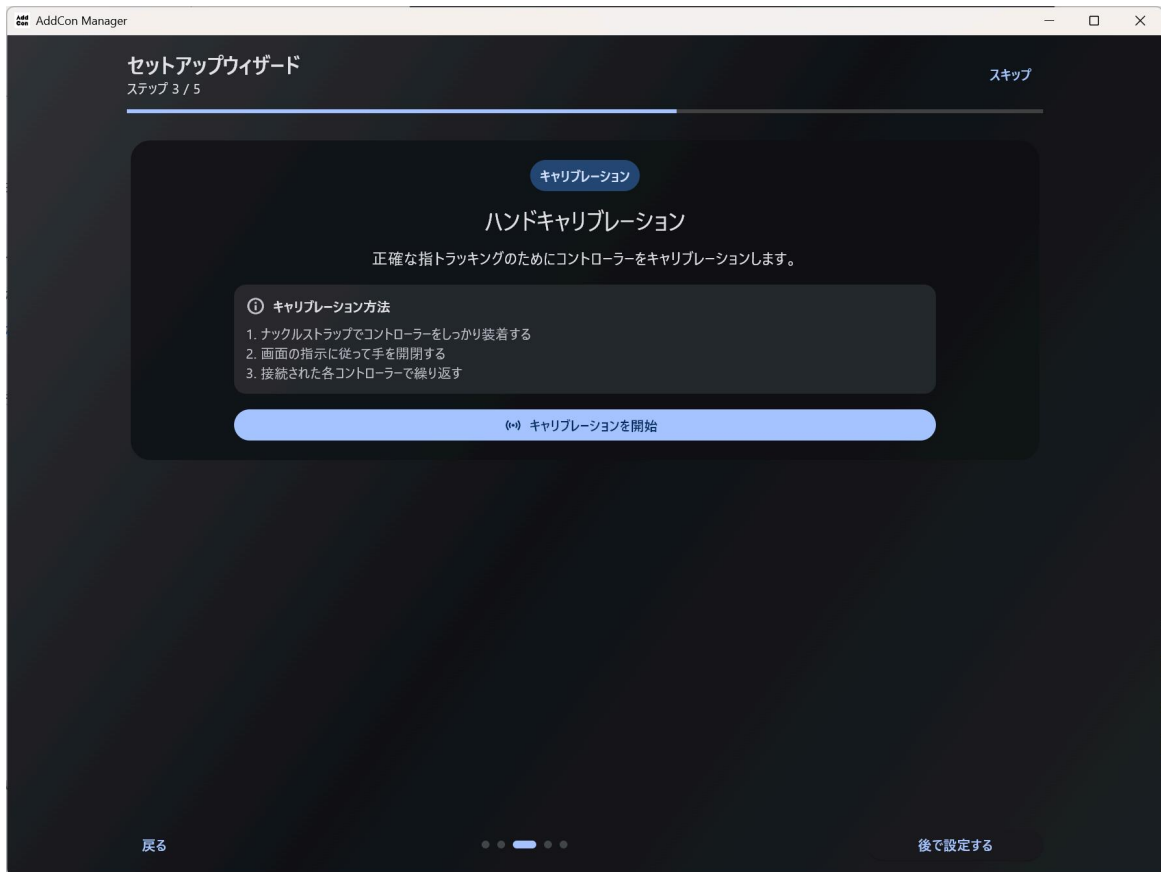


Connection successful.



6.2.2. Hand Calibration

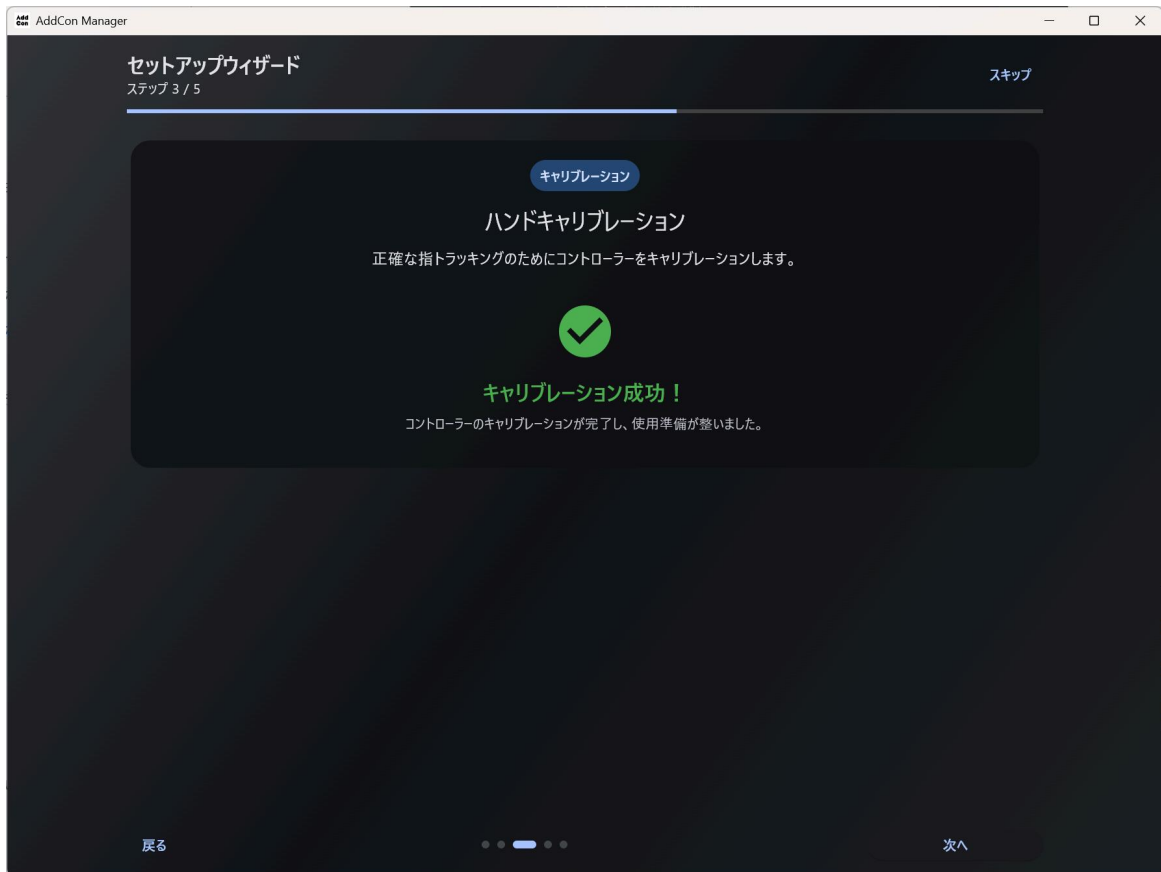
Perform hand calibration on page 3/5 of the setup wizard. Click the "Start Calibration" button.



Follow the on-screen instructions to perform hand calibration.

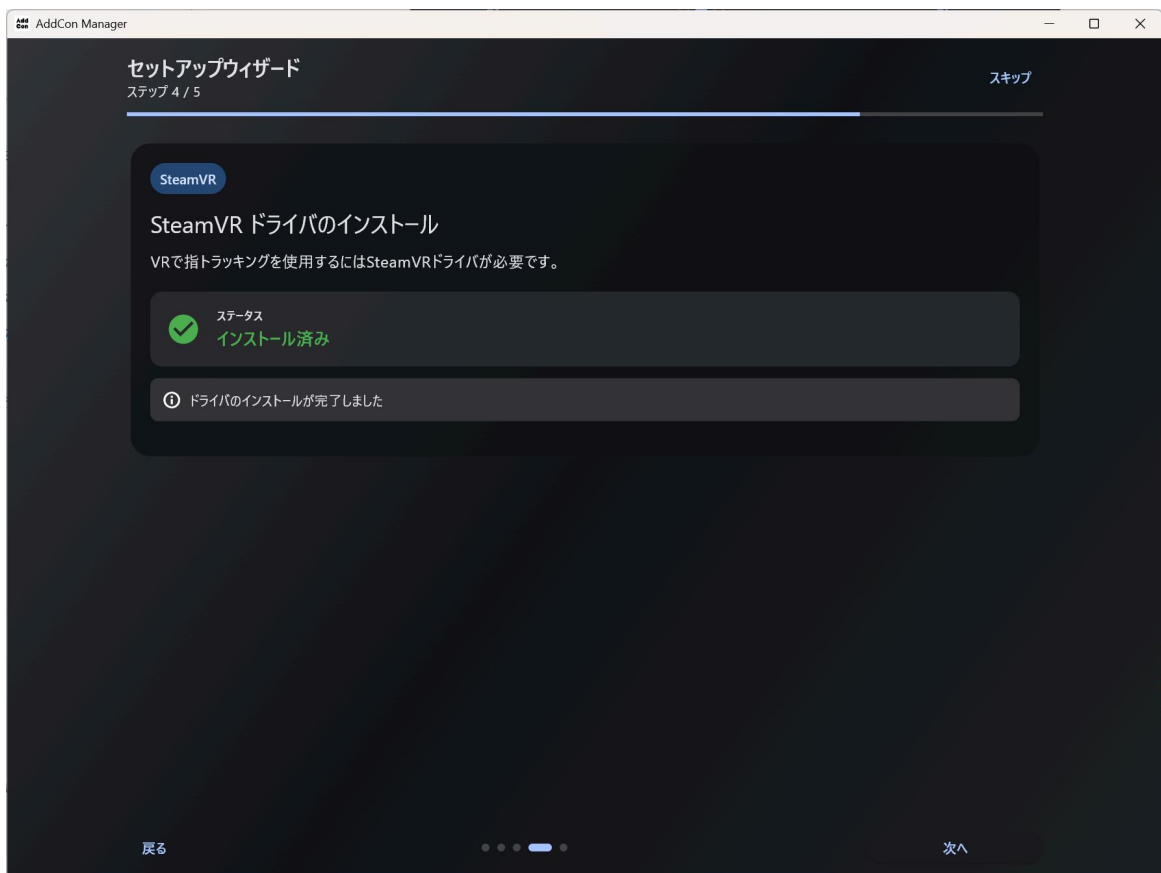
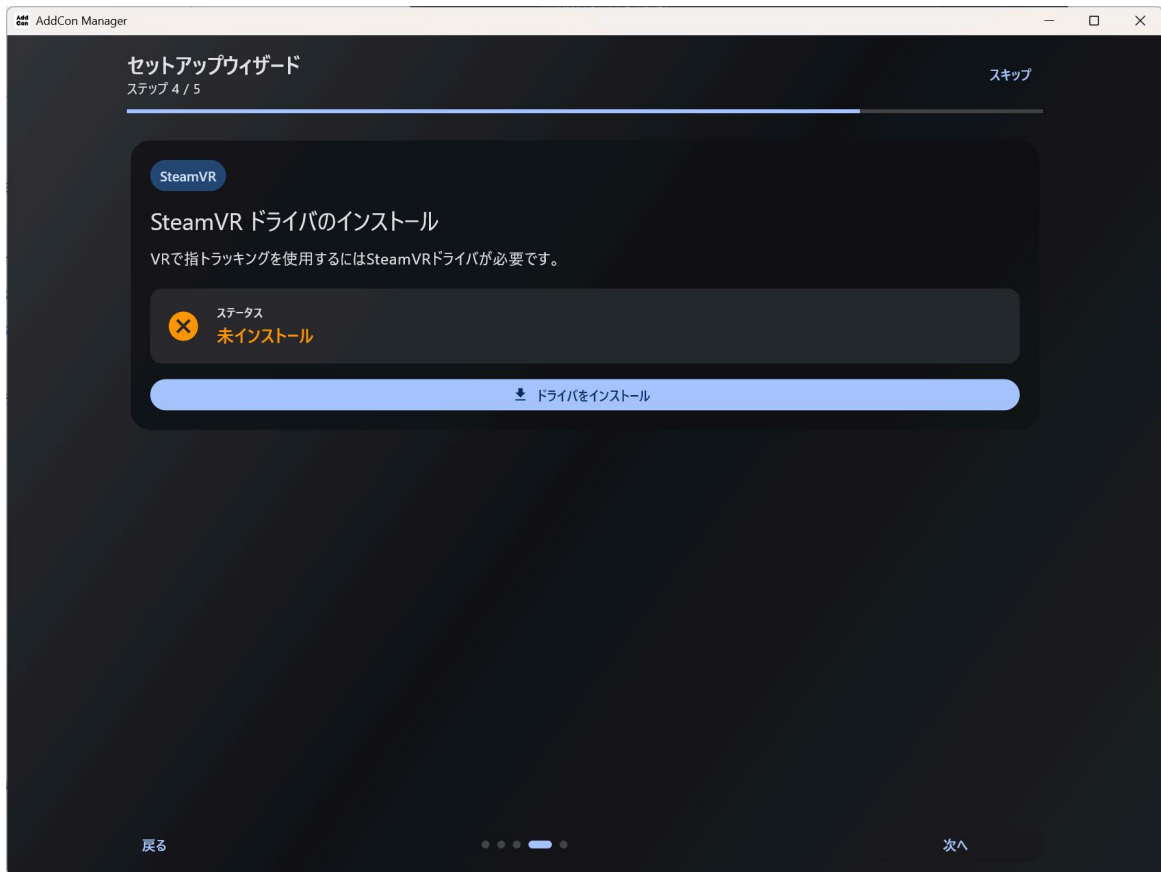


Calibration successful.



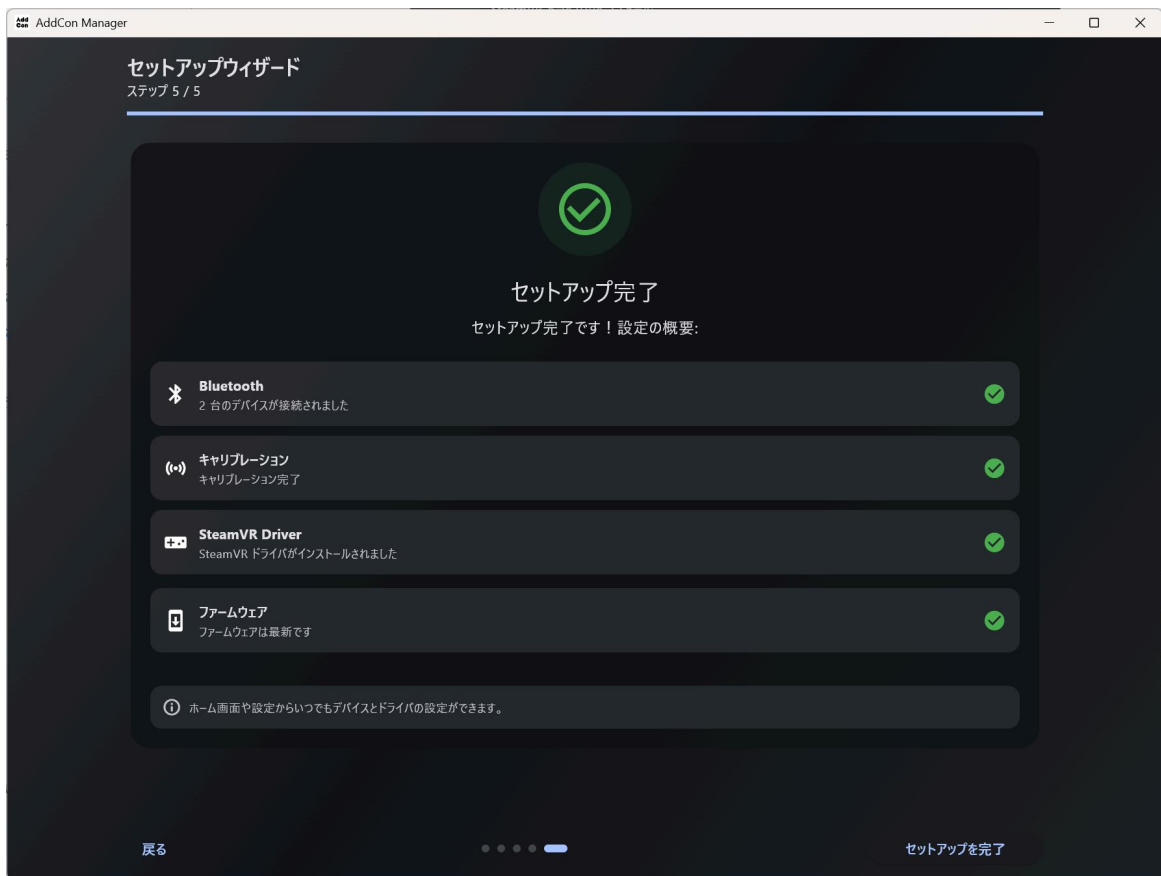
6.2.3. Installing the SteamVR Driver

Install the SteamVR driver. Click the "Install Driver" button.



6.2.4. Setup Wizard Complete

Setup is now complete.

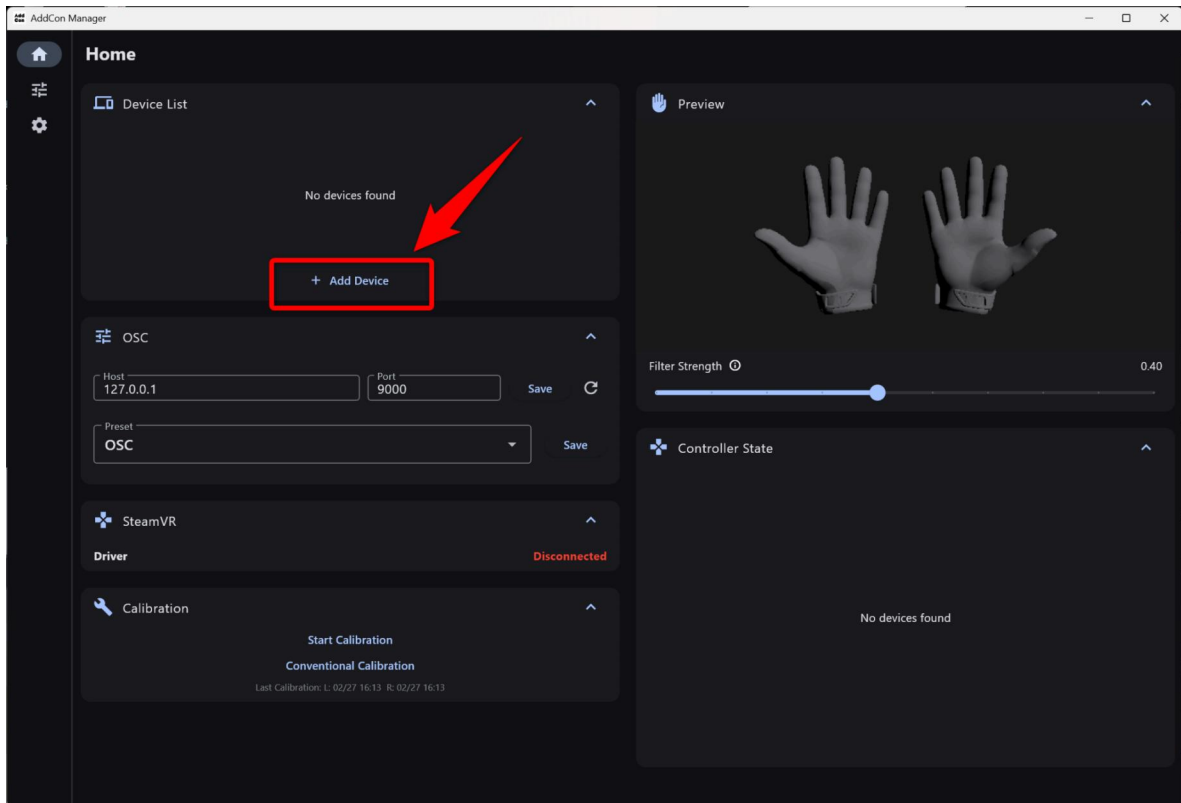


6.3. Adding New Devices

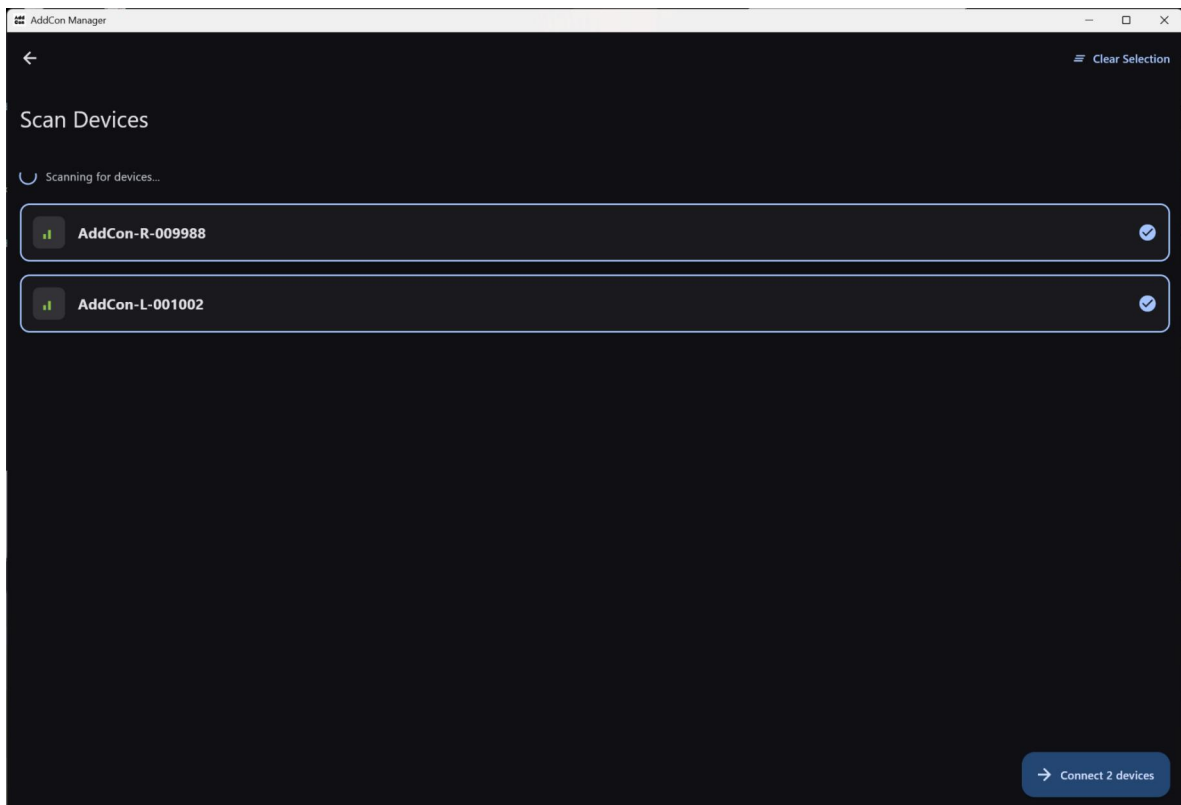
This section explains how to pair the AddCon+ outside of the setup wizard.

Select "+ Add Device" from the device list. Turn on the AddCon+, and the two units will appear on the device scan screen.

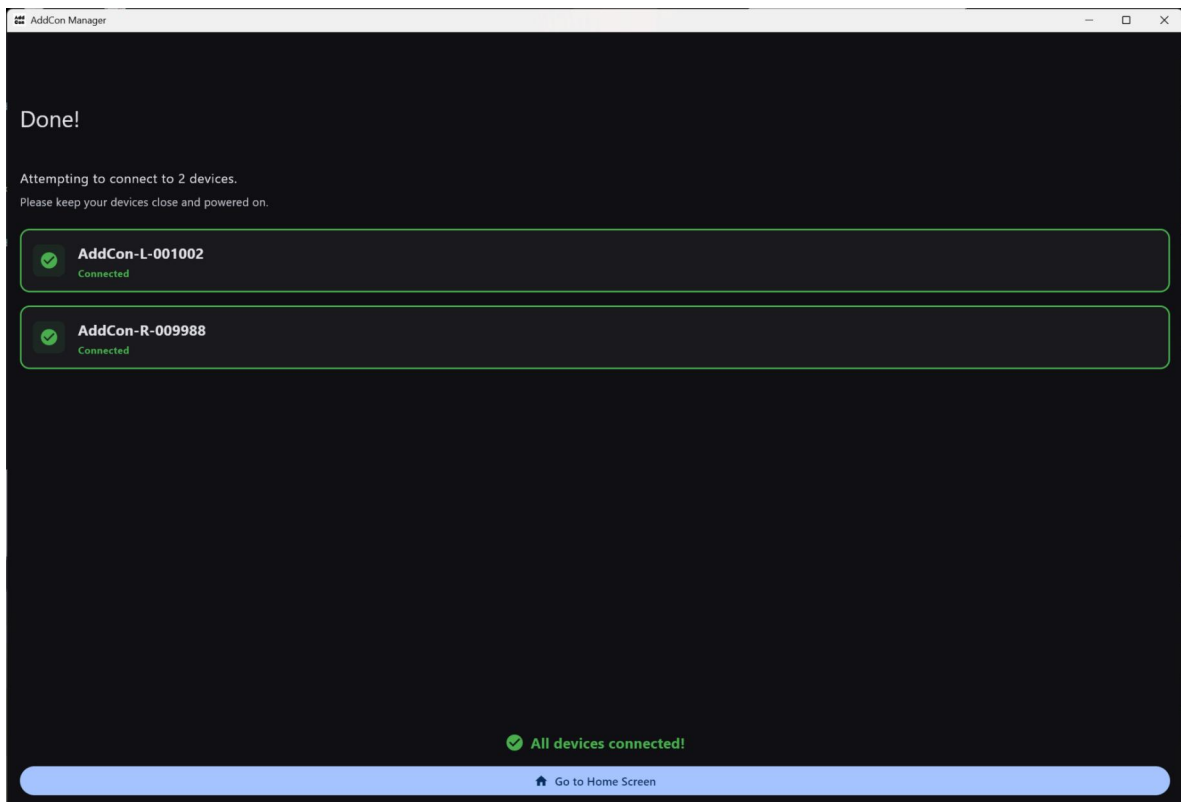
You can also turn on the AddCon+ before launching the app.



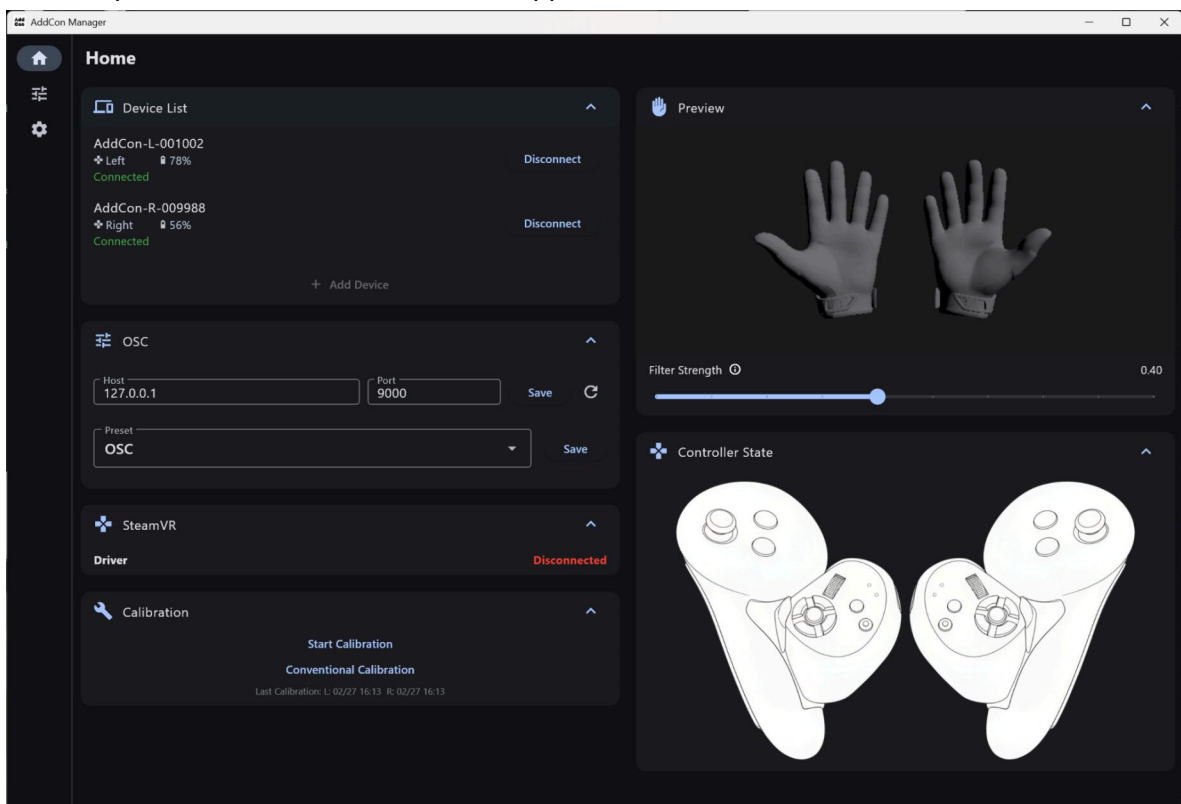
Select the two AddCon+ units and click the "→ Connect to 2 Devices" button at the bottom right.



Once the connection is complete, click the "Go to Home Screen" button at the bottom.

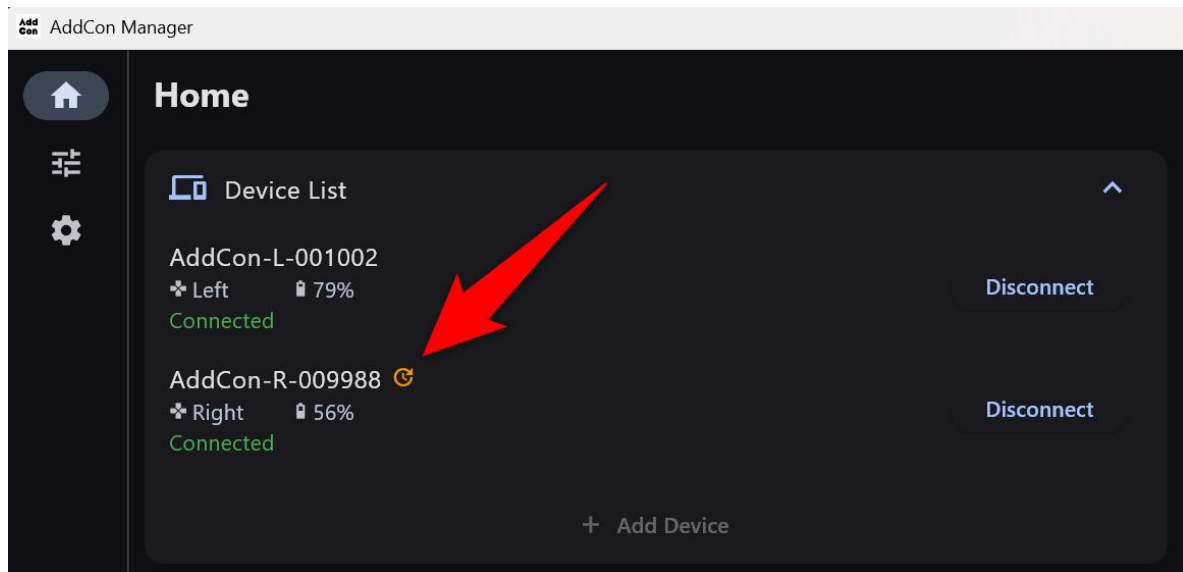


The two paired AddCon+ units will now appear in the device list.

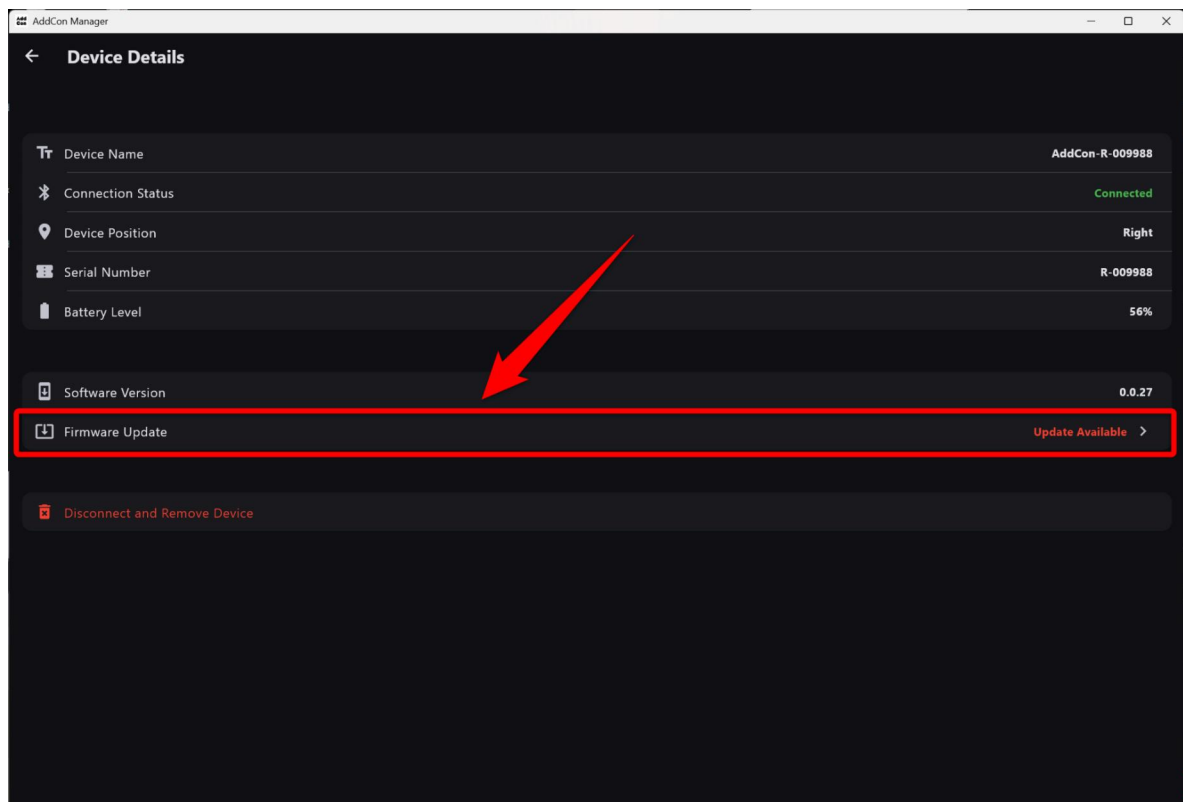


6.4. Firmware Update

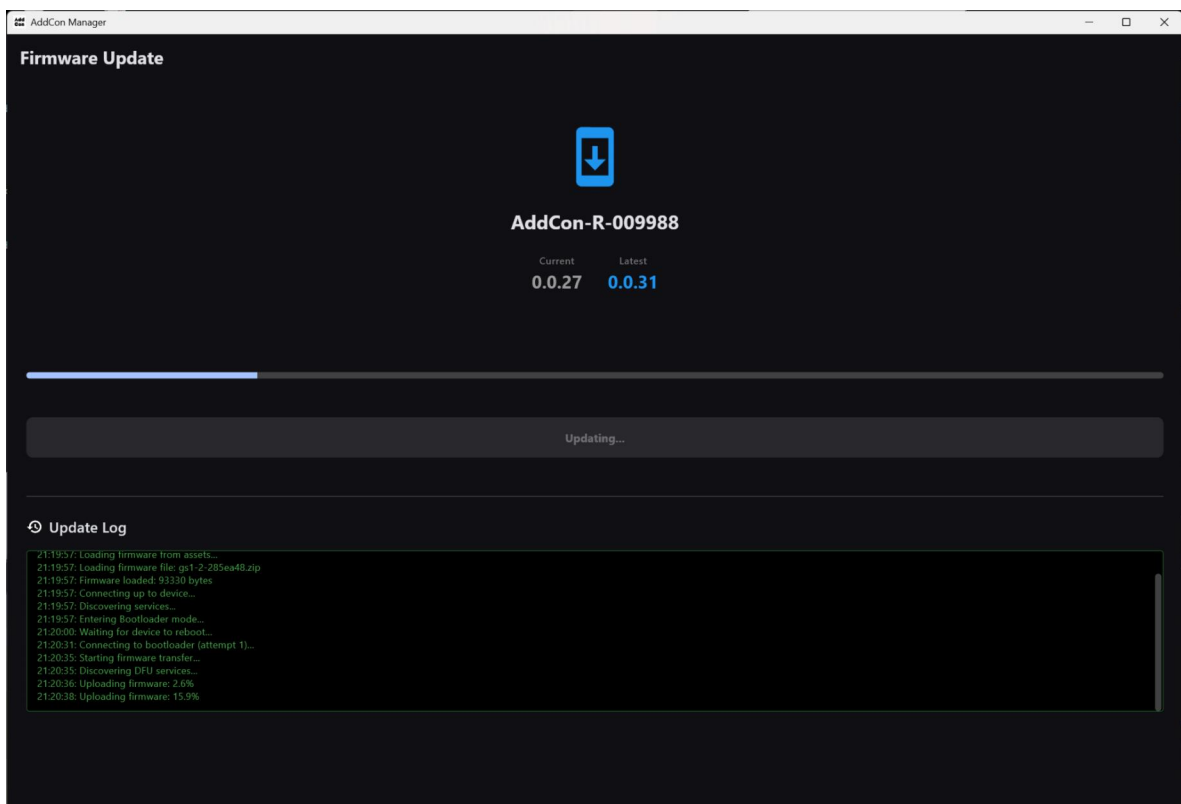
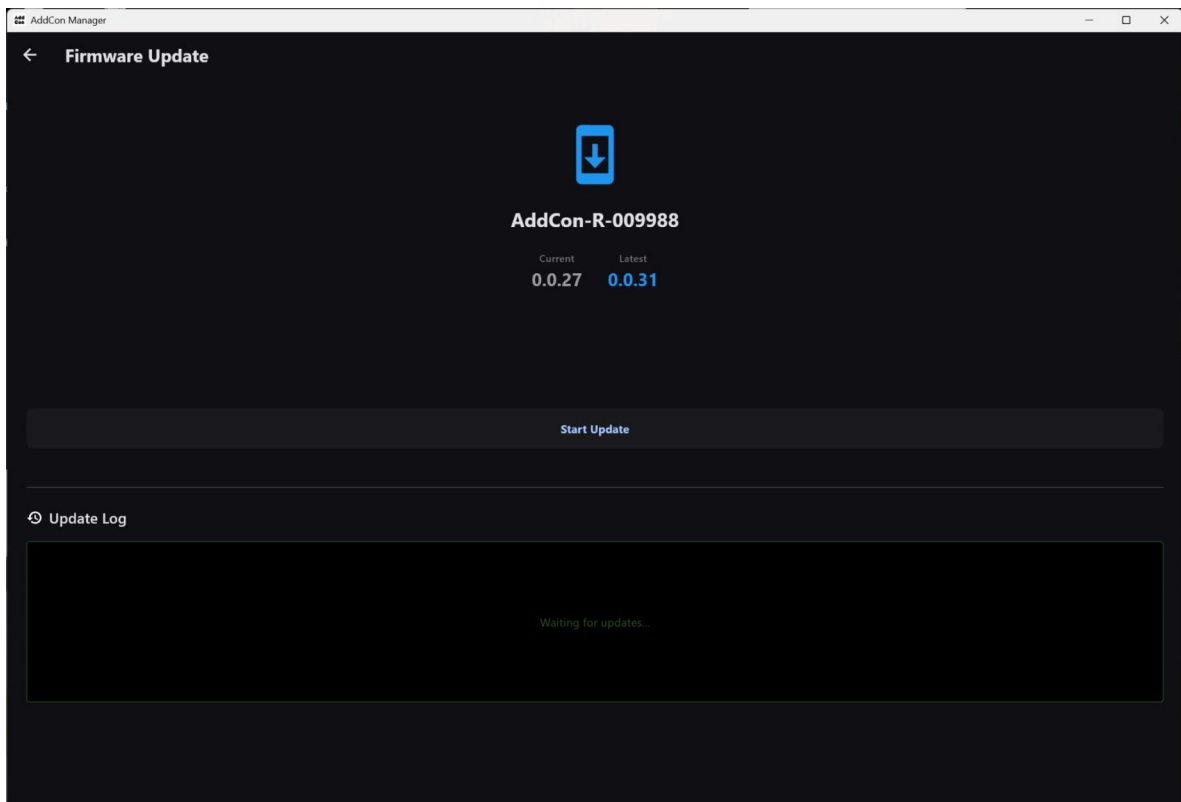
If the firmware on AddCon+ is outdated, a clock icon will appear in the device list. Click the device displaying this icon.



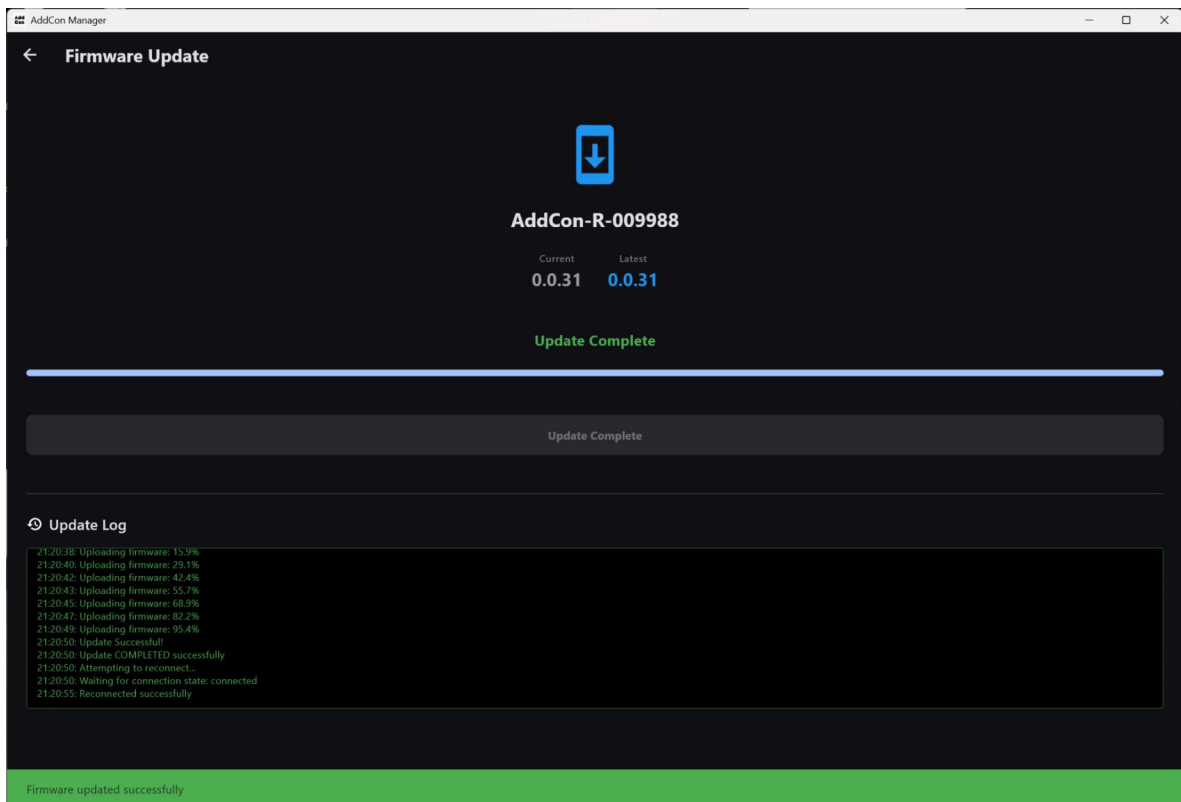
“Update Available” is shown in the Firmware Update section, so click it.



Click “Start Update” to begin the update. Wait a moment until it is complete.

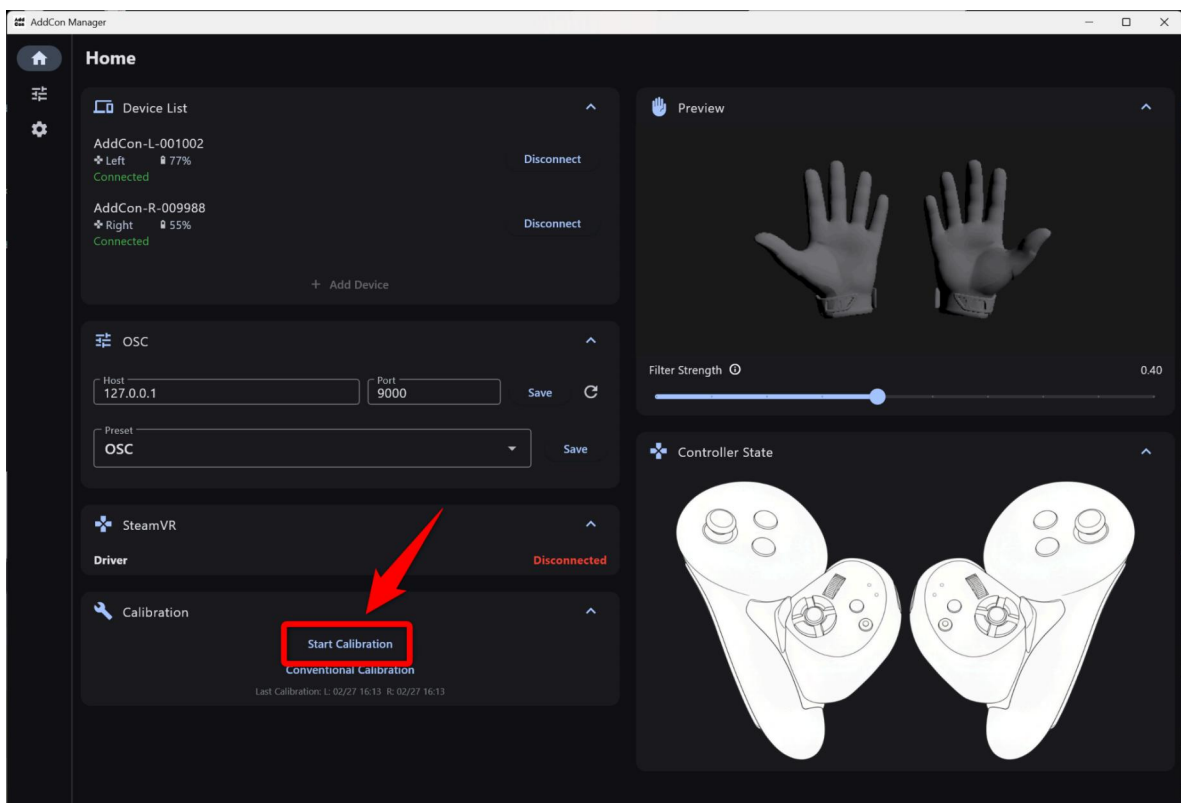


Once the firmware update is complete, click the arrow icon in the upper left to go back.

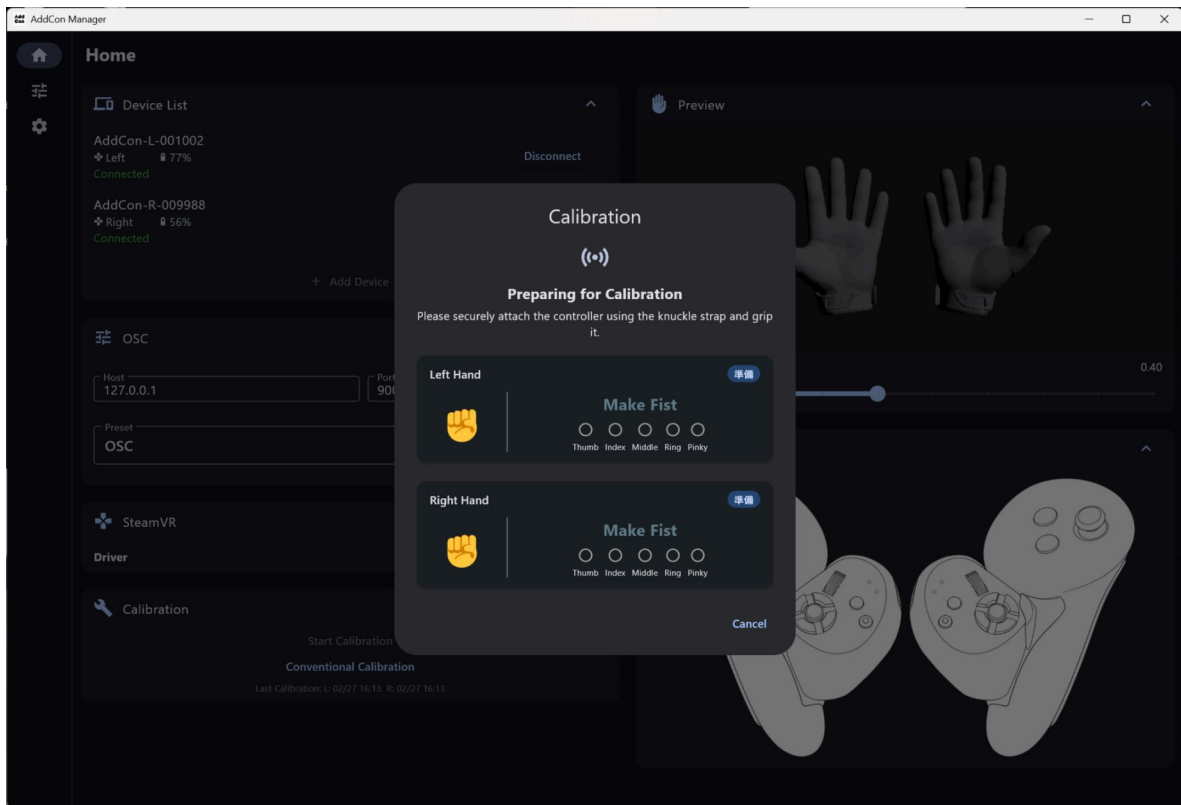


6.5. Calibration

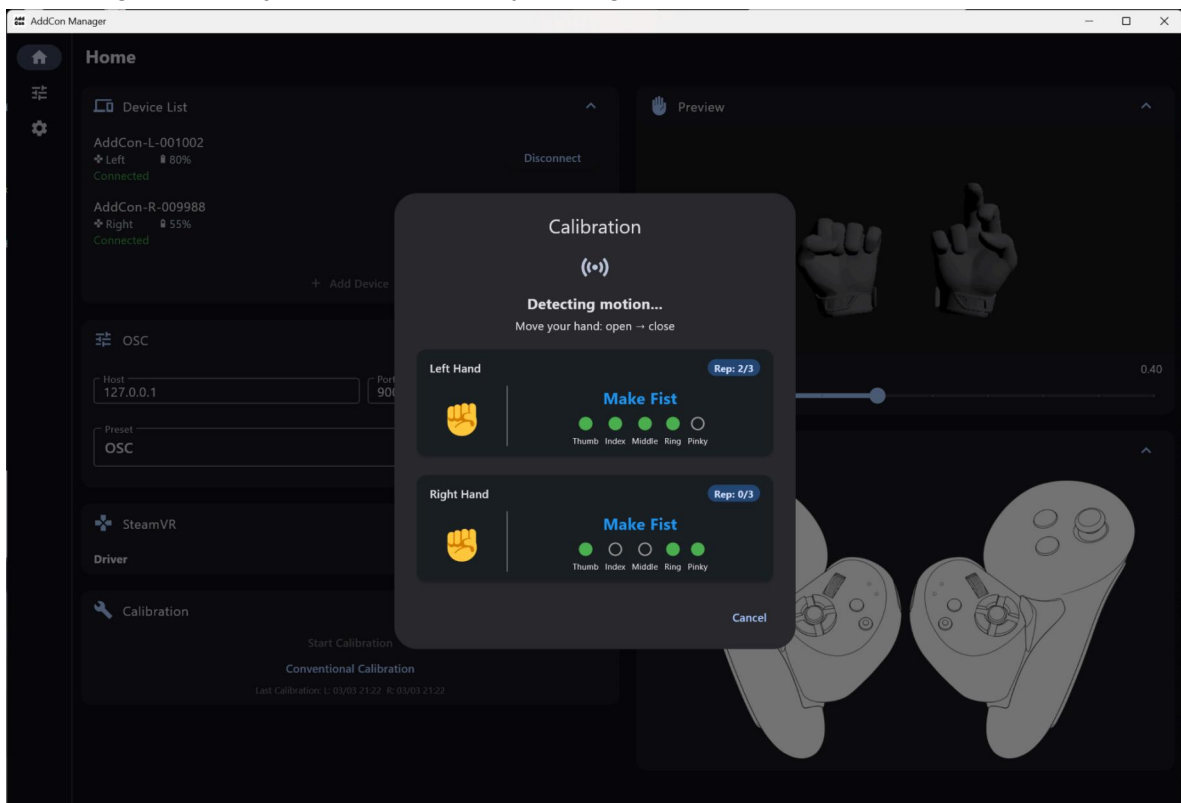
Click the “Start Calibration” button.



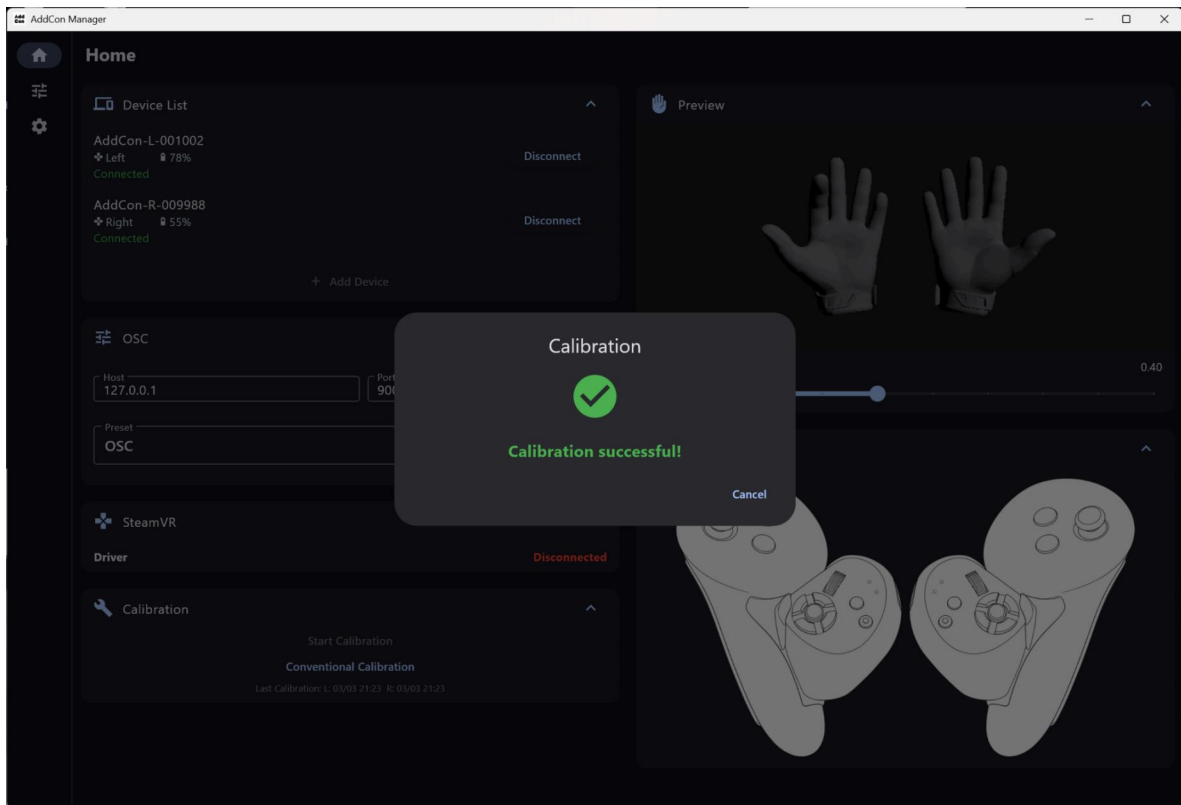
Hold AddCon+ in your hand, then make a fist and open your hand three times.



When the touch sensor detects a gripping motion, the circle turns green. If the circle does not change color, adjust the position of your finger.

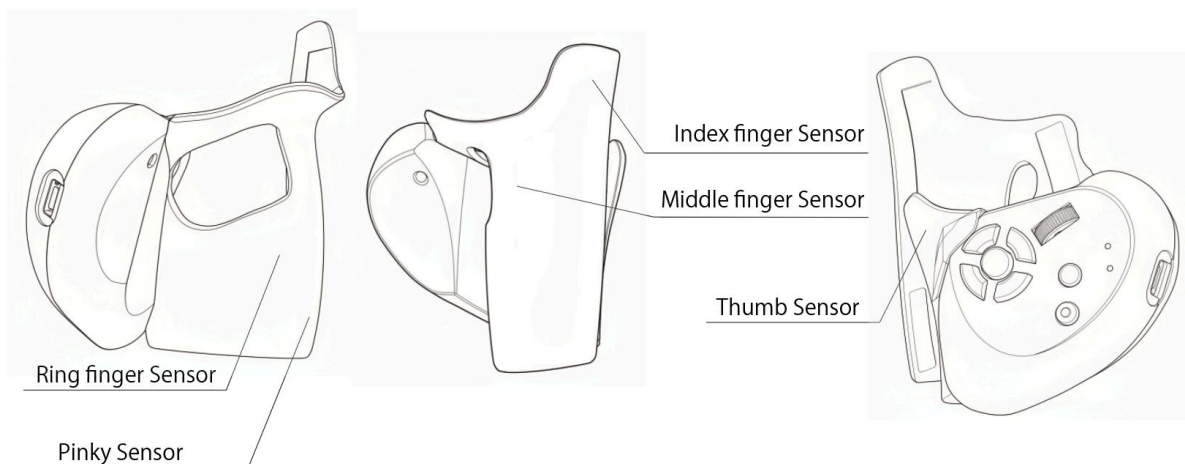


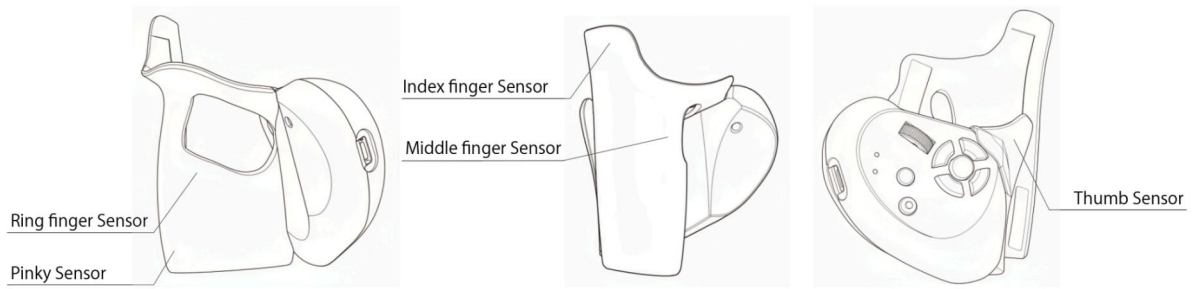
When calibration is successful, this window appears and the app automatically returns to the home screen.



6.5.1. Calibration Tips

- Your calibration settings are saved in the app. Even if you restart the app or AddCon+, the most recent calibration data will still be used. If finger tracking doesn't feel right, please run calibration again.
- The touch sensors are located in the positions shown in the image.

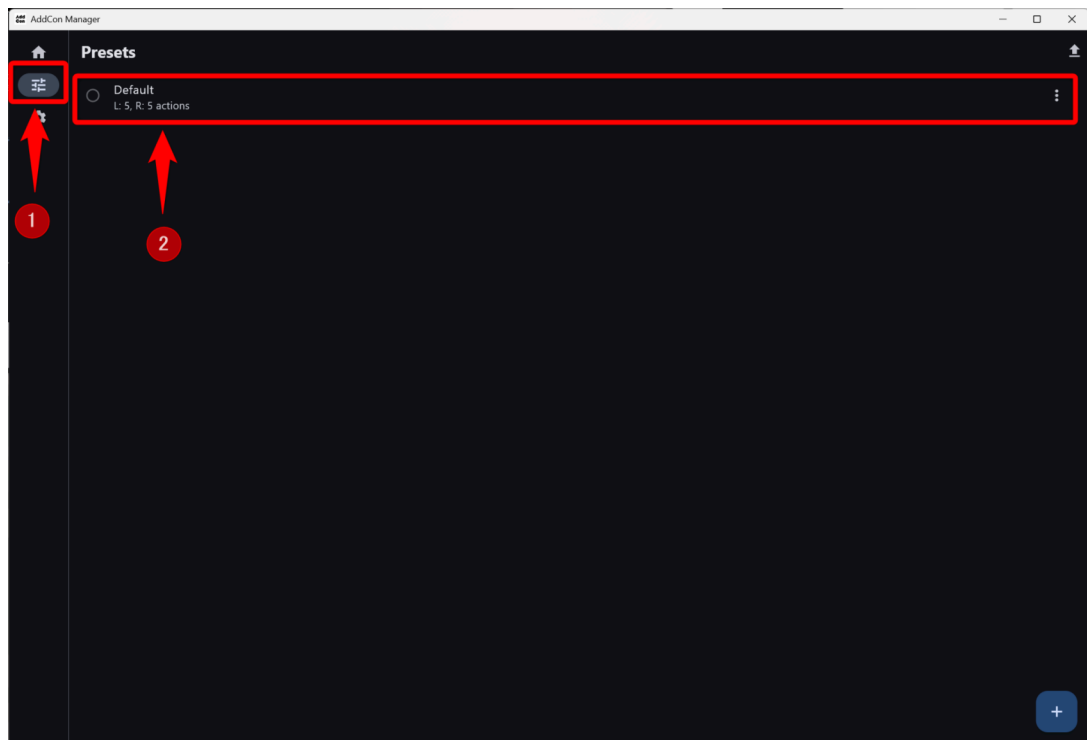




6.6. Button & Wheel Settings

6.6.1. OSC Button Settings

Click the icon marked as 1 in the image to open the OSC preset settings screen.
Click the list item marked as 2 in the image to change the OSC settings.



Open “Edit Preset,” then configure the OSC settings for each button.
For example, to assign the Center button to the camera shutter, configure the Center section as follows:

- Action Type: OSC
- OSC Address: /usercamera/Capture
- On Press: ☒
- Type: Int
- Value: 1

Note: Type and value can also be set to Bool / true.

Note: Choose a preset name that you can easily recognize and remember, as you will select it from the list on the Home screen later.

Edit Preset

Left Hand

Preset Name
OSC

☐ On Release

Center

Action Type
OSC

OSC Address
/usercamera/Capture

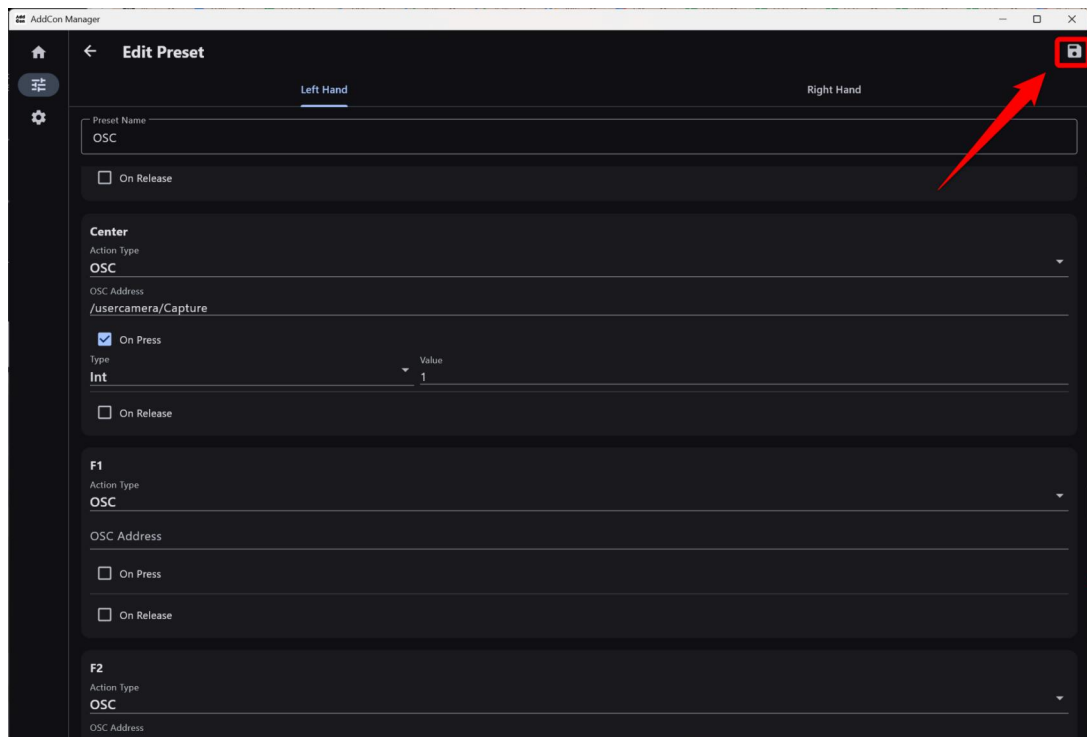
☒ On Press

Type
Int

Value
1

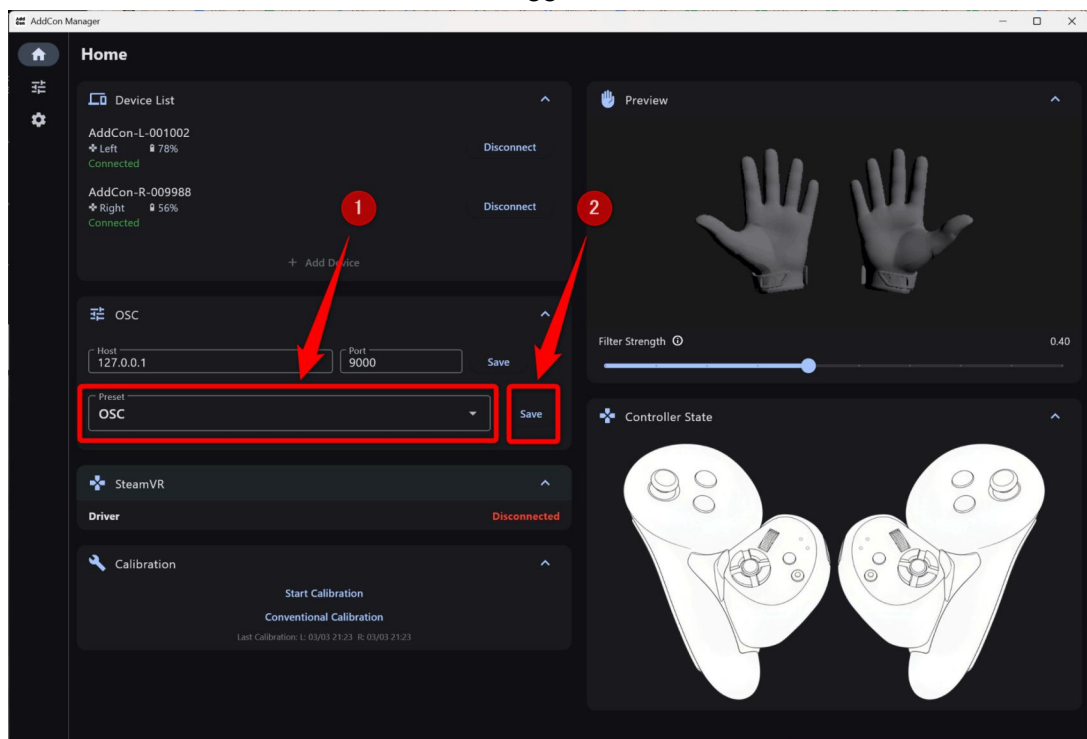
☐ On Release

After editing the preset, click the save icon in the upper-right corner.



Click the home icon in the upper-left corner to return to the home screen.

For “Preset,” select the preset you edited earlier from the list, then click Save. You can now use the Center button to trigger the camera shutter in VRChat.

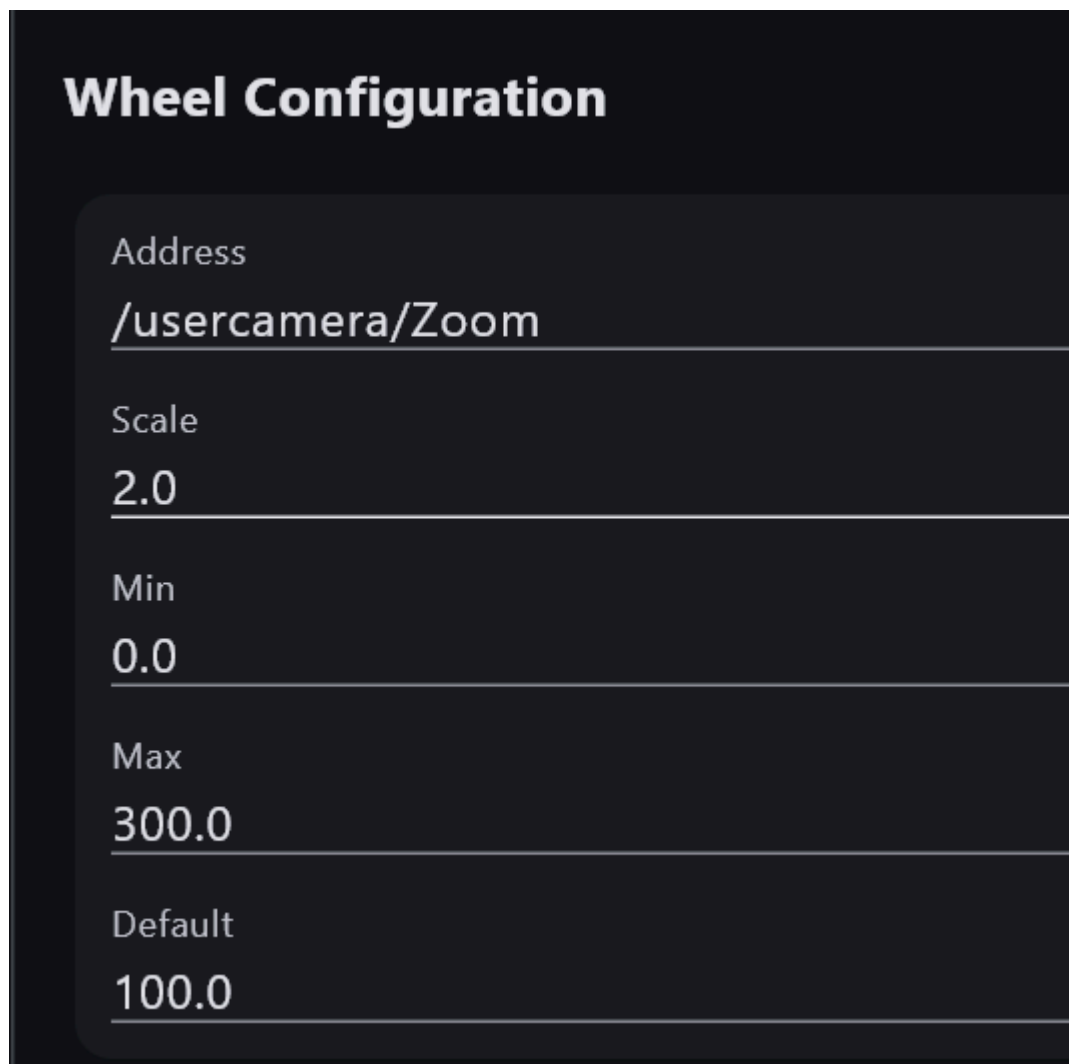


6.6.2. OSC Wheel Settings

The wheel settings are located at the bottom of the preset settings.

For example, to assign the wheel to camera zoom, configure the wheel section as follows. Adjust values such as the scale to your preference.

- OSC Address: /usercamera/Zoom
- Scale: 2
- Minimum: 0.0
- Maximum: 300
- Default: 100.0



The image shows a dark-themed user interface for 'Wheel Configuration'. It features five input fields, each with a label and a value. The labels are 'Address', 'Scale', 'Min', 'Max', and 'Default'. The values are '/usercamera/Zoom', '2.0', '0.0', '300.0', and '100.0' respectively. Each input field has a light gray underline.

Label	Value
Address	/usercamera/Zoom
Scale	2.0
Min	0.0
Max	300.0
Default	100.0

6.6.2.1. Enabling OSC

In VRChat, open the Action Menu and select Options → OSC → Enabled.



6.6.2.2. Checking OSC Operation

You can check in VRChat whether OSC input is working properly.
In VRChat, open the Action Menu and select Options → OSC → OSC Debug.



The OSC Debug screen will appear. Press the button on AddCon+ that has OSC assigned to it, and check whether the input is displayed.



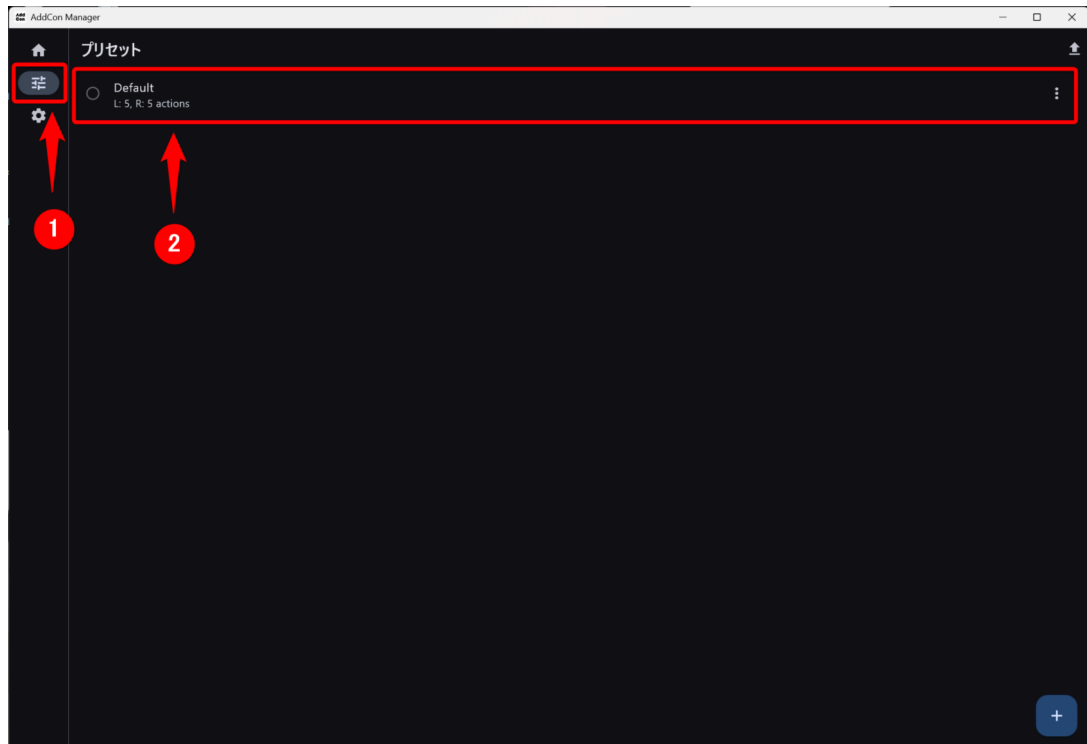
6.6.2.3. OSC TIPS

- For detailed OSC information for VRChat, please refer to the links below.
(Latest information as of February 27, 2026)
Camera-related information <https://docs.vrchat.com/docs/vrchat-202533-openbeta>
Input-related information <https://docs.vrchat.com/docs/osc-as-input-controller>
- As of February 27, 2026, VRChat's "Close Camera" (/usercamera/Close) has an issue where **pressing a button assigned to "Close Camera" while the camera is not open will cause the camera to close automatically the next time it is opened.** Please be aware of this when using it.
- The F1 button is also assigned to power on/off. Do not assign this button to a long-press action, as it will turn off AddCon+.

6.6.3. Keyboard

AddCon+ supports not only OSC but also keyboard input.

You can also configure keyboard settings in the OSC preset settings screen.



Assign keyboard settings to each button.

For example, to assign the copy shortcut “Ctrl+C” to the Center button, configure the Center section as follows.

- Action Type: Keyboard
- On Press: ☒
- Key: C
- Key Code
- Ctrl: ☒

Note: Choose a preset name that you can easily recognize and remember, as you will select it from the list on the Home screen later.

← **Edit Preset**

Left Hand

Preset Name
Keyboard

Center
Action Type
Keyboard

☒ On Press

Key
C

Key Code (custom)
C

✓ Ctrl Shift Alt Meta/Cmd

☐ On Release

After editing the preset, click the save icon in the upper-right corner.

AddCon Manager

← **Edit Preset**

Left Hand Right Hand

Preset Name
Keyboard

Center
Action Type
Keyboard

☒ On Press

Key
C

Key Code (custom)
C

✓ Ctrl Shift Alt Meta/Cmd

☐ On Release

F1
Action Type
OSC

OSC Address

☐ On Press

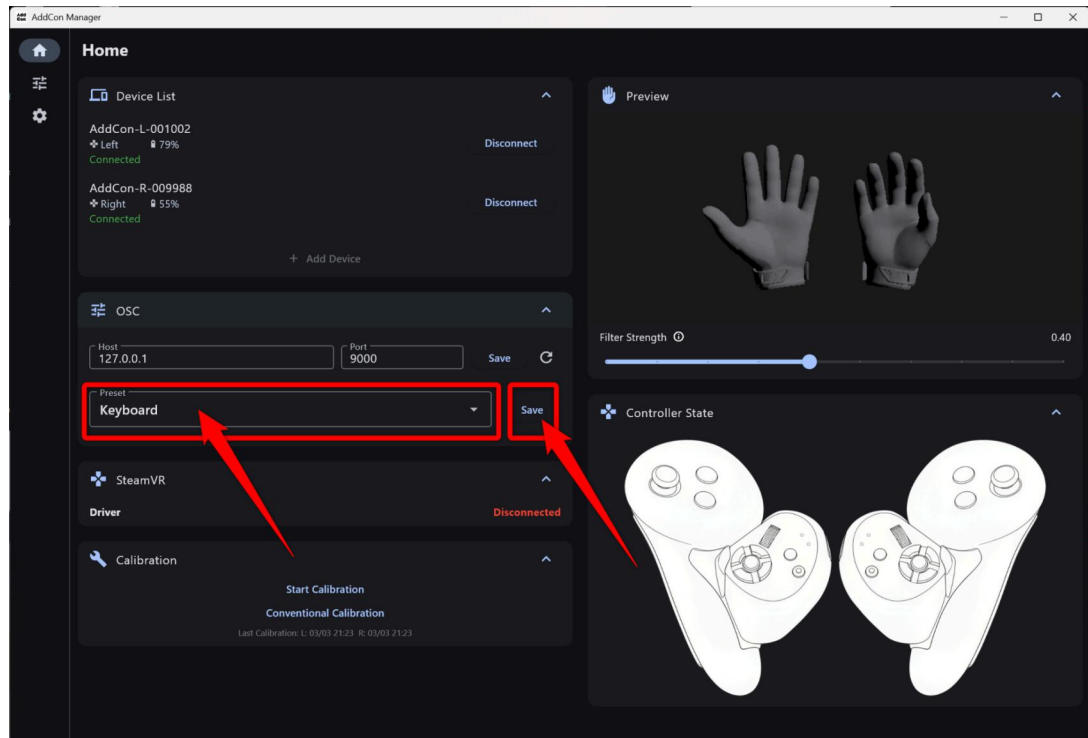
☐ On Release

F2
Action Type
OSC

OSC Address

Click the home icon in the upper-left corner to return to the home screen.

For “Preset,” select the preset you edited earlier from the list, then click Save. Now, pressing the Center button will enter the copy shortcut, “Ctrl+C.”



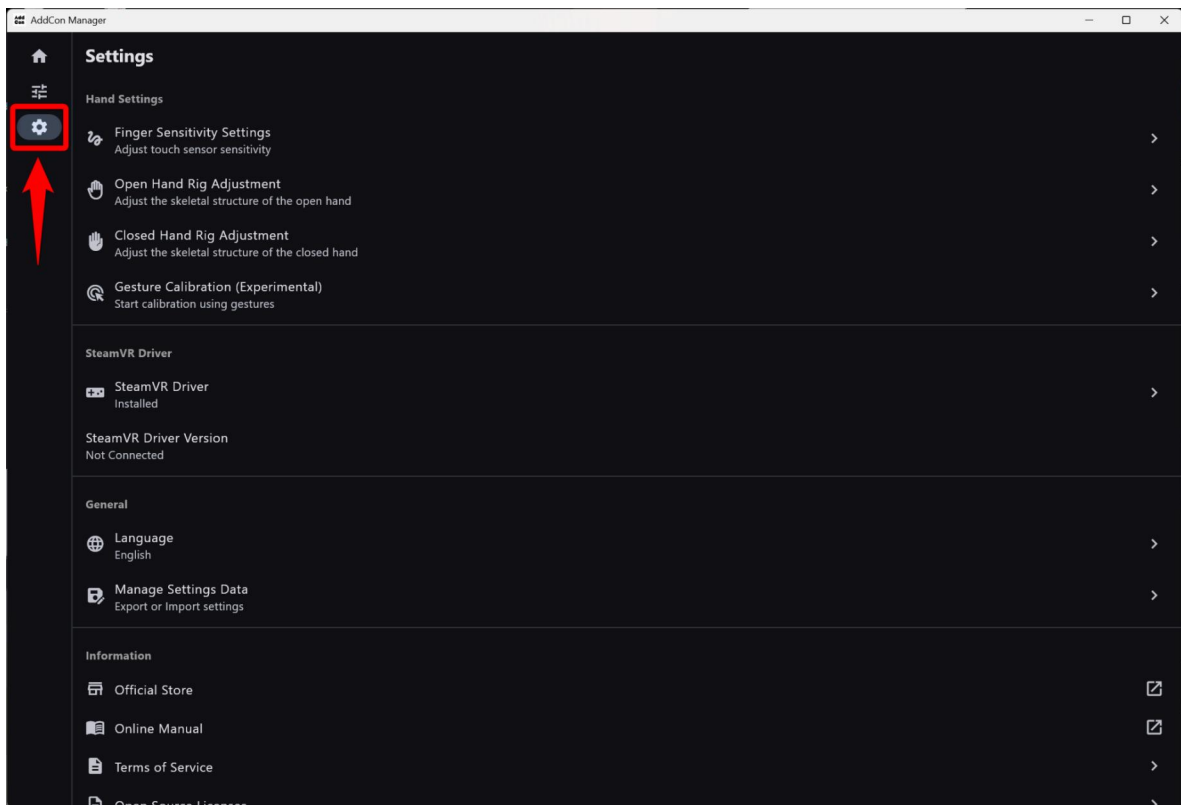
6.6.4. OSC & Keyboard

You can also assign both OSC and keyboard input within a single preset.

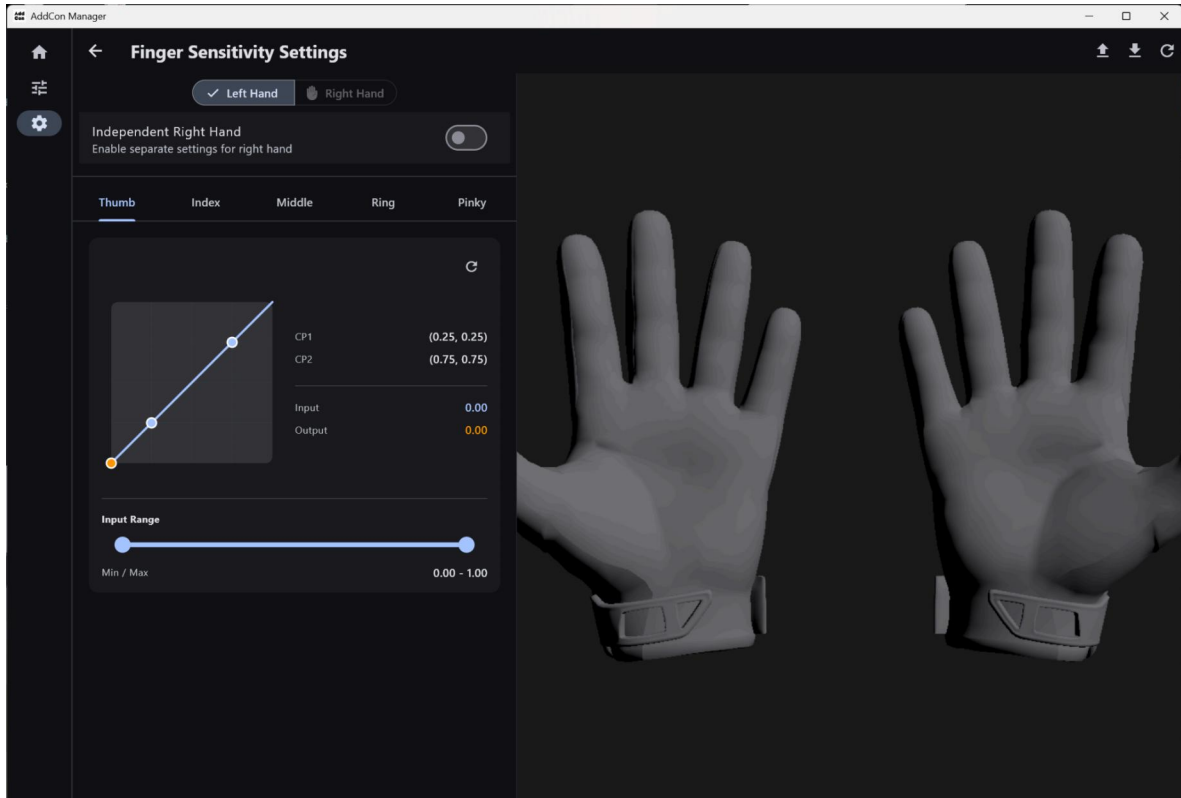
6.7. Hand Tracking

You can fine-tune finger movement.

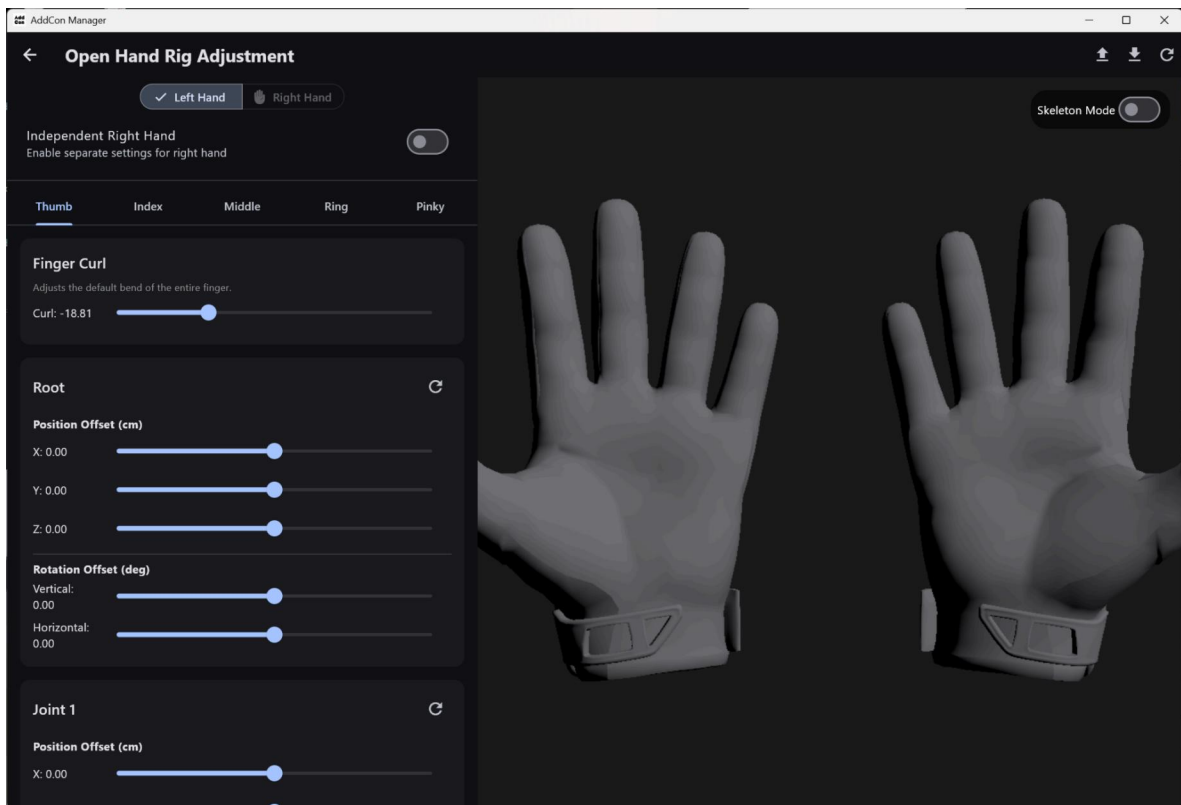
Click the gear icon on the left to open the settings screen.



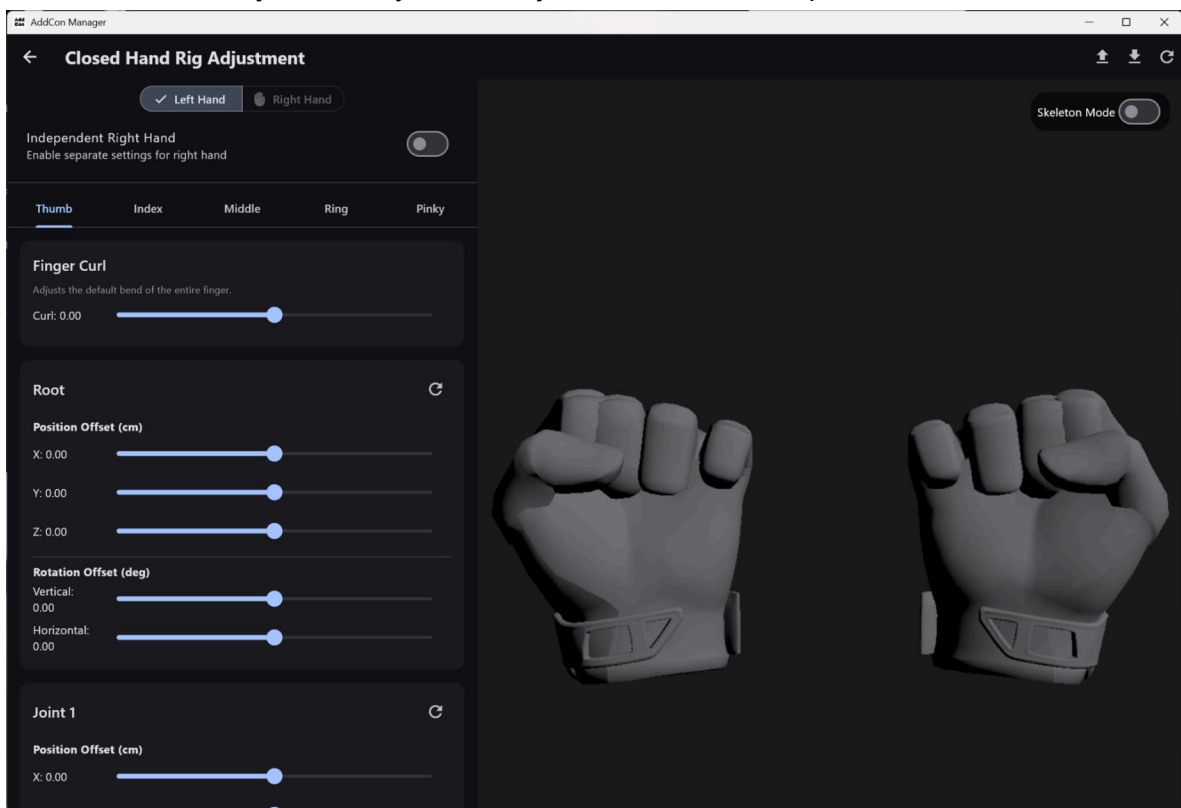
In “Finger Sensitivity Adjustment,” you can adjust the touch sensor sensitivity for each finger, including the thumb.



In “Open Hand Adjustment,” you can adjust the open-hand position.



In “Closed Hand Adjustment,” you can adjust the closed-hand position.



7. Usage Notes

7.1. About Bluetooth®

This product has a wireless range of approximately 10 meters in an unobstructed line-of-sight environment.

Actual operating distance may be shorter than this depending on obstacles, the installation environment, and PC performance.

7.2. Usage Restrictions

- This product may only be used in Japan and the United States.
- Wireless communication with all Bluetooth®-compatible devices is not guaranteed.
- Bluetooth®-compatible devices used for wireless communication must conform to the standard specifications established by Bluetooth SIG, Inc. and must be certified. However, even if a device conforms to the standard specifications, it may not be able to connect depending on its specifications or settings, and operation methods, display, and performance are not guaranteed.
- Please note that we accept no responsibility whatsoever for any leakage of data or information that may occur during wireless communication.

7.3. Environments Where Operation May Be Affected

- Using the product in the following environments may cause communication to be interrupted or slow down.
 - Near microwave ovens, digital cordless phones, or other devices that use the 2.4 GHz frequency band, such as wireless audio devices or game consoles
 - When the PC connected to this product is blocked by partitions or other obstacles
 - When there is a broadcasting station or similar facility nearby and surrounding radio waves are too strong

7.4. About Use and Storage Locations

- Do not place the product in locations with extremely high temperatures, such as areas exposed to direct sunlight or near heating appliances.
- Do not place the product in dusty locations.
- Do not place the product in locations subject to frequent vibration.
- Do not use or place the product in humid locations, such as bathrooms.

7.5. Disposal

- The left and right AddCon+ units contain built-in lithium-ion batteries. When disposing of the product, do not dispose of it with general household waste (non-burnable waste). Follow the regulations of your local municipality.

7.6. Cleaning

- Wipe the left and right AddCon+ units with a soft, dry cloth.
- If the left and right AddCon+ units are very dirty, wipe them with a cloth dampened with water and thoroughly wrung out, then wipe them again with a dry cloth.
- Do not use solvents or chemically treated cloths, such as benzene, thinner, alcohol, or kitchen detergent, as they may cause the unit to deteriorate.

8. Specifications

Communication Method	Bluetooth® LE
Battery	Built-in lithium-ion battery
Charging Method	USB Type-C
Charging Time	Approx. 2 hours 30 minutes (when powered off)
Continuous Operating	Time: Approx. 130 hours
Dimensions	81.1 x 79.3 x 68.1 mm
Weight	Approx. 40 g per hand
Included Accessories	USB charging cable
Supported OS	Windows 11 / SteamVR 2.12.14 or later

9. FAQ

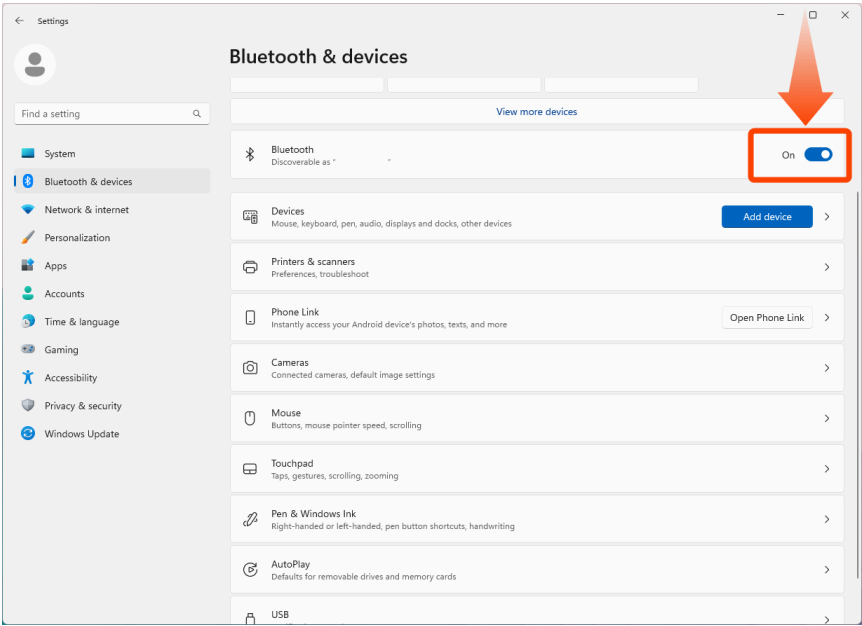
Question	Answer
What is the warranty period for this product?	The warranty period for this product is one year from the date of purchase. If the product was purchased by pre-order, the warranty period is one year from the shipping date.

The warranty card does not include the store name or other details. Is that okay?	If you purchased the product from the Shiftall website, we have a record of the purchase date, so the warranty card does not need to be filled out. If you purchased the product from a retail store or other seller, you can still receive warranty service within the warranty period by presenting documentation that proves the purchase date, even if the store name and purchase date are not written on the warranty card.
What order should I start the applications in?	The startup order of the applications does not matter. You can use AddCon+ even if you start Shiftall AddCon Manager after launching VRChat.
Which Bluetooth adapters have been verified to work?	Verified Built-in PC Wi-Fi / Bluetooth Combo Adapters • Intel AX201 • Qualcomm FastConnect 7800 Verified USB Bluetooth Adapters • TP-Link UB500 • TP-Link UB500 Plus • Buffalo BSBT5D200BK • Buffalo BSBT5D205BK • Buffalo BSBT54D205BK
Which controllers have been verified to work?	Controllers Verified for Installation : • Meta Quest Touch Plus • Meta Quest Touch Pro
Which knuckle straps have been verified to work?	Verified Knuckle Straps : For Quest 3 / 3S (Meta Quest Touch Plus Controllers) • Shiftall Adjustable Knuckle Straps Q3 • Quest Active Straps • B0CT2YVKWF • Q3HB1 For Quest Pro (Meta Quest Touch Pro Controllers) • Aubika controller grips

10. Troubleshooting

Symptom	Cause and Solution
The power does not turn on	The battery may be empty. Connect the USB charging cable, and once the red LED lights up to indicate charging has started, press and hold the main button for about 3 seconds.

	After that, perform a forced shutdown by pressing and holding the main button for 10 seconds, then reconnect the USB charging cable. If the power still does not turn on after the forced shutdown, disconnect the USB cable once, then try turning the power on again. If the issue does not improve after trying the above steps, please contact support.
Red LED does not light up while charging	Make sure the USB charging cable is securely connected. → See 「Charging」 Charge the product in an environment with an ambient temperature of 10 °C to 35 °C (50 °F to 95 °F). If charging is complete, the red LED will be off. If the issue does not improve after trying the above steps, please contact support.
Red LED blinks rapidly while charging	There may be an issue with the unit's charging system or battery. If this issue occurs frequently, please record a video showing the condition of the unit and contact support.
Green LED keeps blinking / Firmware update failed	If the green LED keeps blinking without changing during the firmware update, the firmware update may not be progressing properly on the unit. If the unit remains in that state for 2 minutes, it will automatically restart. Please perform the firmware update again. When the firmware update is completed successfully, the LED will return to the normal slow green blinking pattern.
Battery life has become shorter	If both the charging time and operating time become extremely short, the built-in battery may be worn out. Please contact support.
Power turns off automatically	If the unit remains disconnected from AddCon Manager for 20 minutes, it will automatically power off.
Bluetooth connection cannot be established	In Windows Settings, turn Bluetooth off once, then turn it back on. Wait 15 seconds after turning it on, then try connecting in AddCon Manager.

	 If it still does not connect, try restarting your PC. Restarting the PC can be effective when Bluetooth is unstable.
Bluetooth connects, but the connection is unstable or disconnects quickly	If the PC and the Bluetooth USB adapter are too close to each other, the Bluetooth connection may become unstable depending on the environment. Use a USB 2.0 extension cable to keep the Bluetooth USB dongle a certain distance away from the PC. Click here for a USB 2.0 extension cable. Bluetooth connections may also become unstable in the following situations: • Your body is positioned in a way that blocks AddCon+ • The Bluetooth USB adapter is covered by objects, or there are metal objects nearby • Multiple other Bluetooth devices are connected at the same time Please move AddCon+ closer to the Bluetooth adapter, connect it to AddCon Manager, and check whether the same issue still occurs.

For any other inquiries, please contact Shiftall Support.

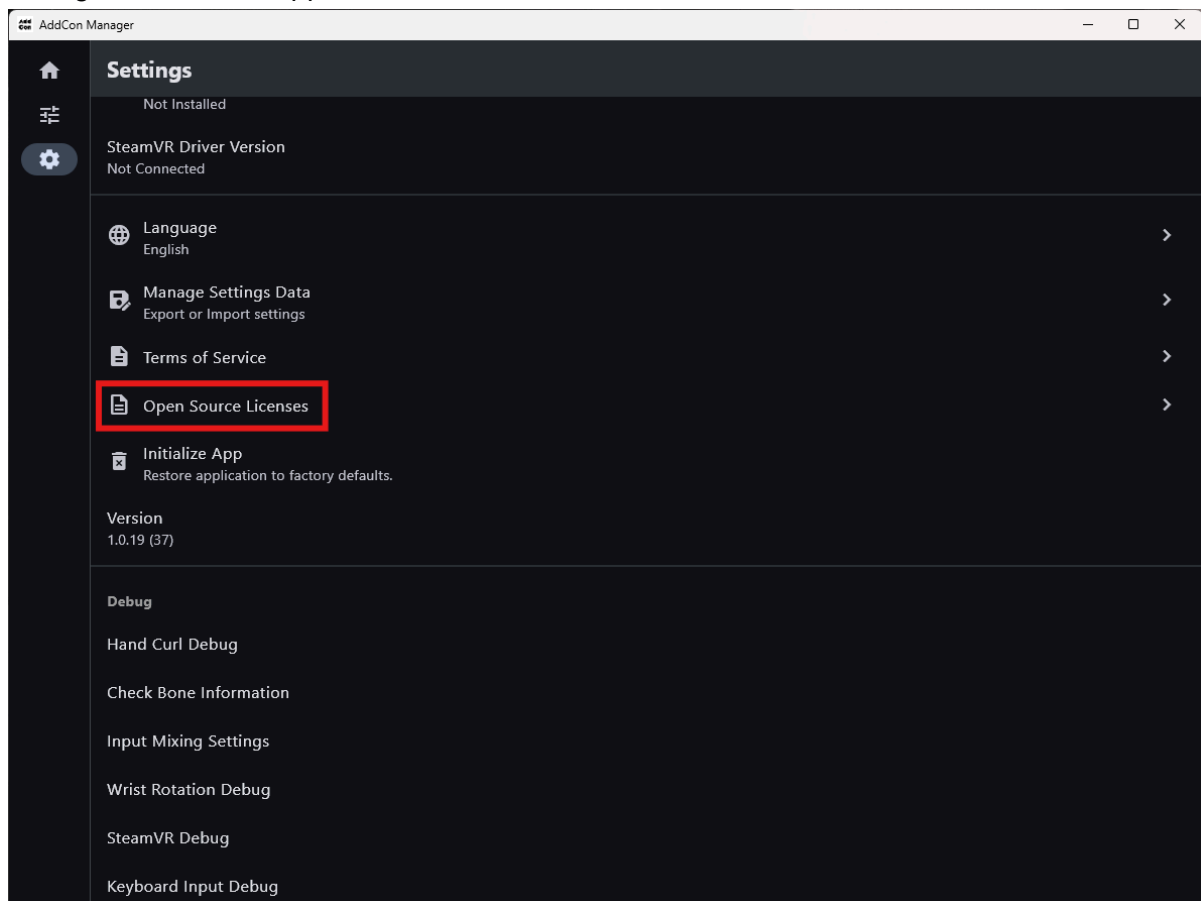
Shiftall Support is available [here](#).

11. Trademarks and Other Information

- The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc., and Shiftall Inc. uses these marks under license.
- Windows is a registered trademark or trademark of Microsoft Corporation in the United States and/or other countries.
- Other names, company names, product names, and similar terms mentioned in this manual are trademarks or registered trademarks of their respective owners.
- Certification information is printed on the back of the unit.

12. Open source software license credit

You can view the license credits for the open-source software used in this product from the settings menu in the app.



13. FCC CAUTION:

Only for United States of America

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.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.