

# Control Band Specifications

**Size:** (L) 52mm x (W) 46mm x (H) 12.75mm

**Weight:** 44 grams

**Power:** Battery Life: Locked: 21 hours - Unlocked: 8 hours  
Charging: 5V@200mA  
Battery: 650mAh Lipo Battery

**Connection:** Wireless: BLE 5.0  
Cable: USB-C

# Vulcan App Overview



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Vulcan App allows you to pair, onboard, calibrate and configure your Vulcan Control Band.



## Minimum Requirements

Vulcan App requires a Samsung S9 or later mobile device with Android version 8.0 or later.

## Downloading Vulcan App

See your system administrator to download Vulcan App to your mobile device.

# Getting Started with Vulcan App

Once downloaded and installed on your mobile device, open Vulcan App.

At the Welcome Screen tap  to begin onboarding.

Follow the onscreen instructions to wear and set up your Control Band.



# Connecting your Control Band

To connect your Control Band, turn it on by pressing and holding the control button for two seconds. The LED will illuminate white and you will feel a vibration.

Make sure your mobile device's Bluetooth is on.

The Control Band will power on in Bluetooth pairing mode and you will see the LED flashing blue

Then tap **START CONNECTING** on the App screen.

Follow the onscreen instructions to connect and pair your Control Band.



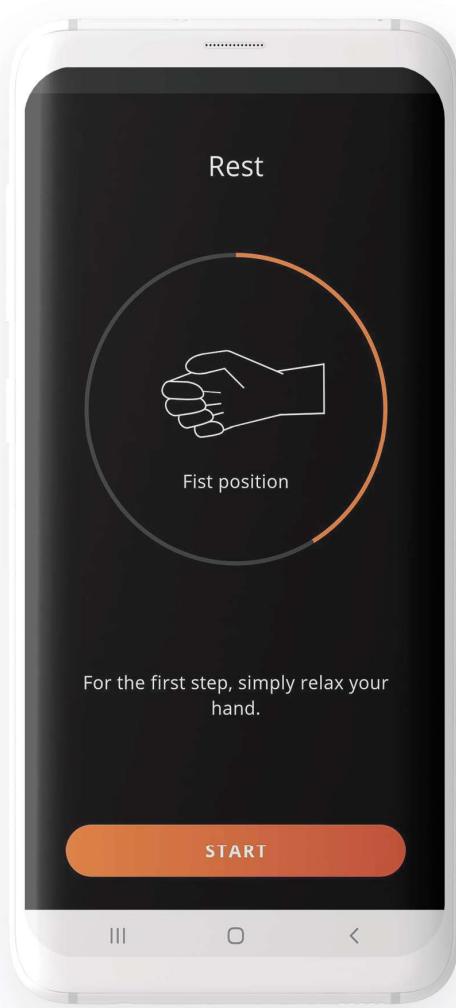
# Calibration

After connecting your Control Band, you will then begin calibration.

Calibration will fine tune the Control Band and allow it to read your unique gesture inputs.

Follow the on-screen instructions to complete calibration.

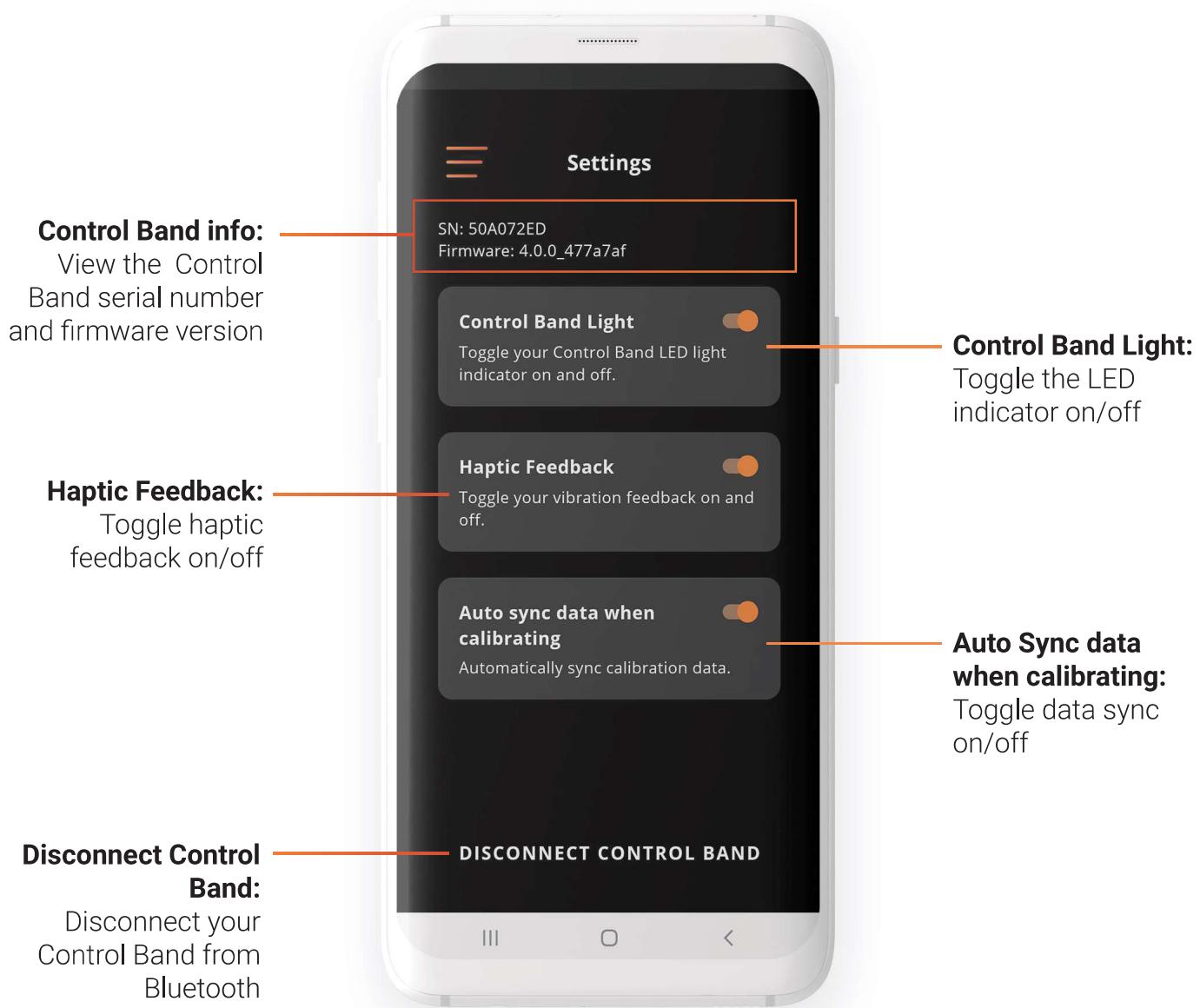
You will need to perform calibration each time you put on your Control Band



# Home Screen



# Settings



# Checking Calibration

Periodically you may need to re-calibrate your Control Band, this is to ensure that your gesture inputs are read correctly and that the Control Band is working properly.

If you notice a decrease in your gesture performance or if you move the device on your wrist, you can check calibration to determine if you need to recalibrate your Control Band.

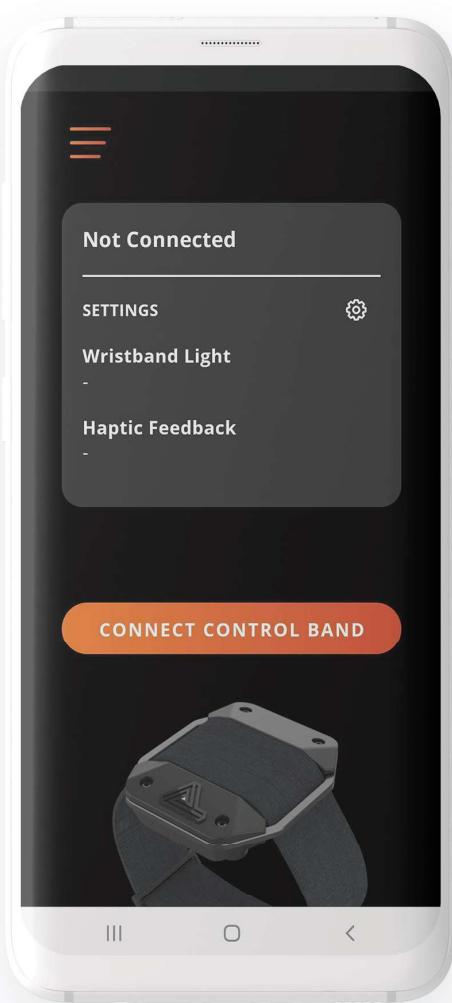
Recalibration can be performed by tapping **CHECK CALIBRATION** on the home screen.

Follow the on-screen instructions to perform calibration checking.



# Re-connecting your Control Band

If your Control Band becomes disconnected from your mobile device, just tap **CONNECT CONTROL BAND** on the home screen to re-connect.



# Care and Maintenance



## **Care and Maintenance**

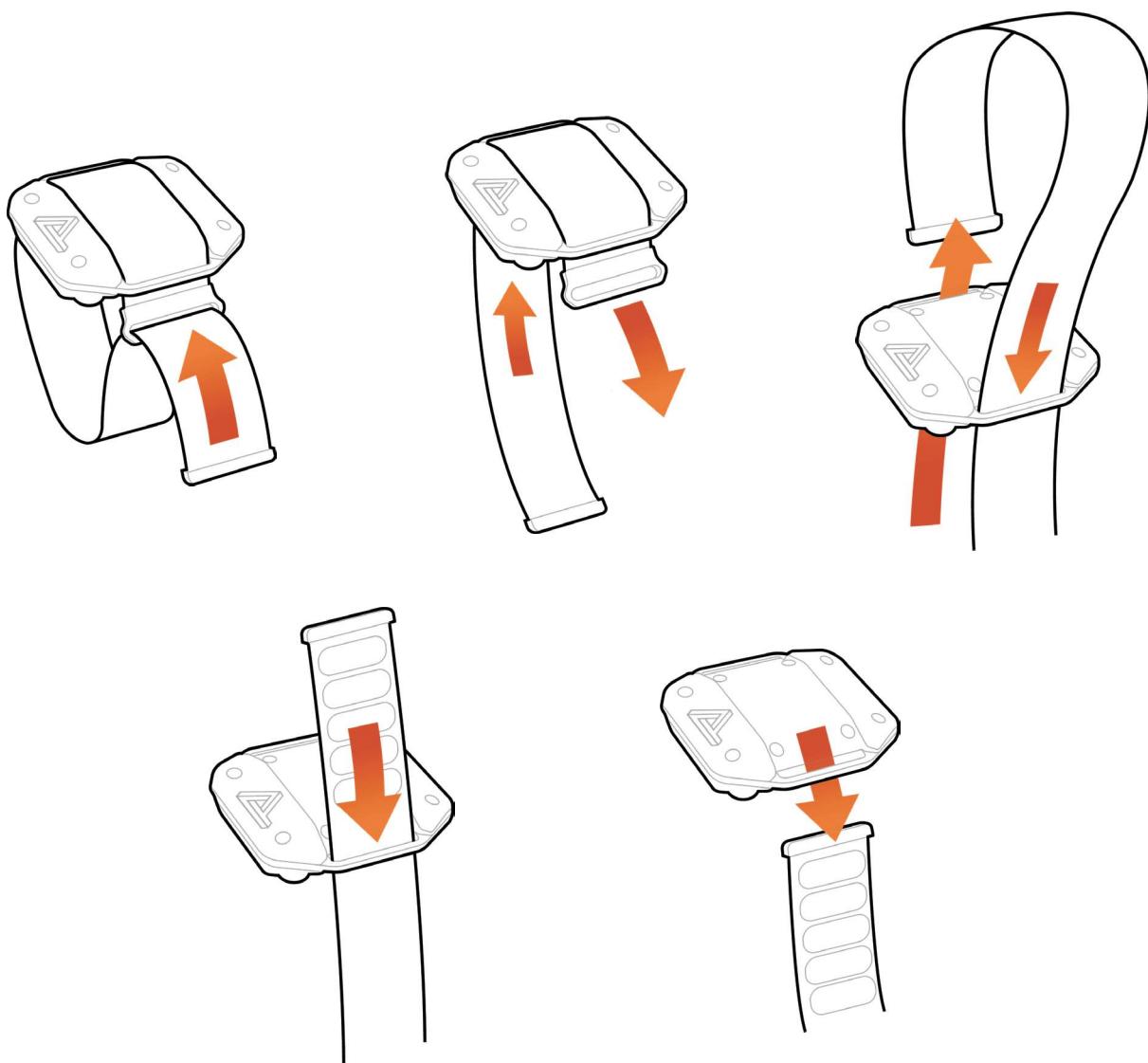
Your Control Band should be periodically maintained to remove dirt and other debris that may degrade the performance of the system.

It is necessary to clean system components with mild soap and water after exposure to salt water and/or salt spray. Failure to do so will result in corrosion to connectors, coatings, and any exposed metal. Prolonged exposure will cause damage to system components and may cause system failure.

# Replacing the Strap

Follow these general steps to remove and install a new strap on your Vulcan Control Band.

1. Pass strap end through the strap loop
2. Move strap through Control Band frame loops
3. Pass strap end through first Control Band frame loop
4. Pass strap end through second Control Band frame loop
5. Reverse steps 1-4 to install a new strap



# Troubleshooting



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Problem	Possible Cause	Solution
Control Band will not power on	<b>A) Battery Low</b>  <b>B) Control Band/Battery Damaged</b>	<b>A) Charge the battery, the LED indicator will flash white when charging and illuminate green when fully charged.</b>  <b>B) Contact support@pison.com</b>
Control Band will not connect to my mobile device	<b>A) Vulcan App is not running</b>  <b>B) Control Band is not powered on</b>  <b>C) Control Band is not in Bluetooth pairing mode</b>  <b>D) Control Band is out of range</b>	<b>A) Launch Vulcan App and select "START CONNECTING"</b>  <b>B) Ensure Control Band is powered on (LED indicator will illuminate white and Control Band will vibrate)</b>  <b>C) Double press the control button to activate Bluetooth pairing mode (LED indicator will flash blue)</b>  <b>D) Ensure the Control Band is within 5ft of your mobile device</b>
Control Band is un-responsive or not responding to gestures properly	<b>A) The Sensor Array is not properly contacting your skin</b>  <b>B) Inaccurate calibration</b>	<b>A) Ensure the Control Band is worn snugly, centered on your right wrist behind your ulna (wrist bone)</b>  <b>B) Tap "Check Calibration" on the home screen and re-calibrate as needed.</b>

## Support



For support and troubleshooting help  
scan the code or contact  
[support@pison.com](mailto:support@pison.com)



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