



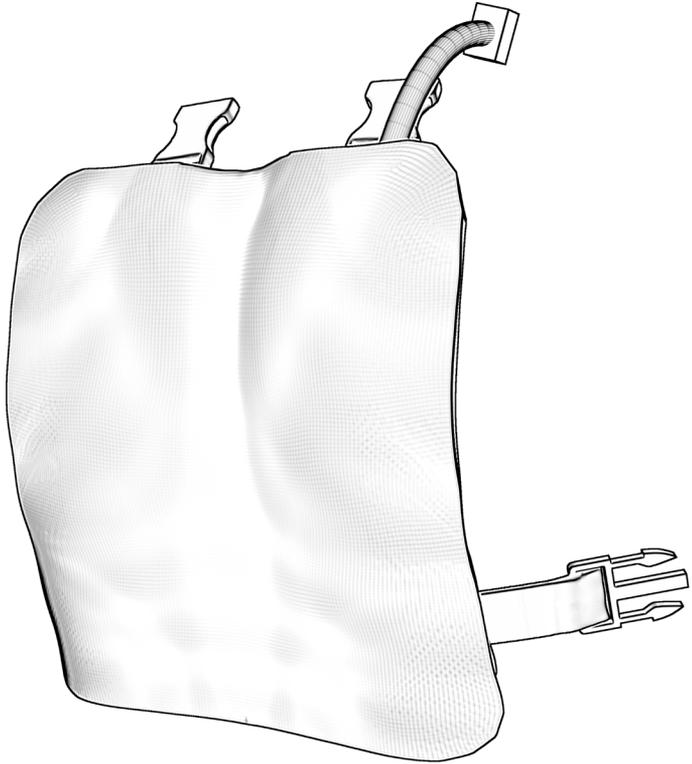
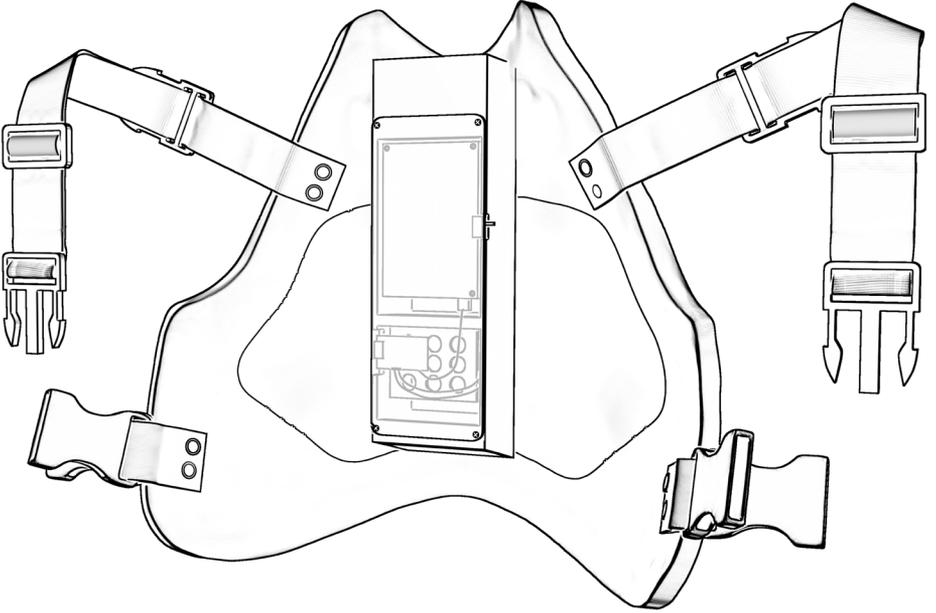
## **USER MANUAL**

**Customer Assistance**

302-562-2110

**Technical Support**

302-562-2040



# Welcome to your Avtone!



**Anterior Heart Sounds\*** - five heart sound locations can be controlled through the Avkin App

**Anterior and Posterior Lung Sounds\*\*** - four lung sound locations on the anterior and posterior chestplates can be controlled through the Avkin App

\*Heart sounds provided by our partner, eMurmur 

\*\* Lung sounds provided by our partners,  **Thinklabs** Digital Stethoscopes and **R.A.L.E.**  
**Lung Sounds**

# What's Included

- ✓ Avtone: wearable heart and lung sound simulator for use with simulated participants.
- ✓ Micro USB charger

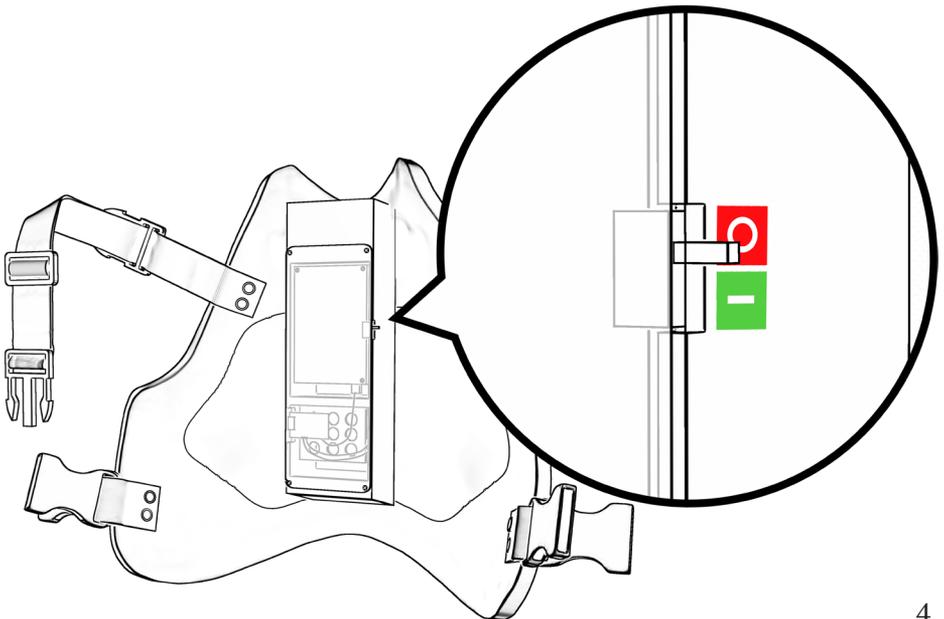
# Getting Started

*Watch the instructional video on the customer portal and USB.*

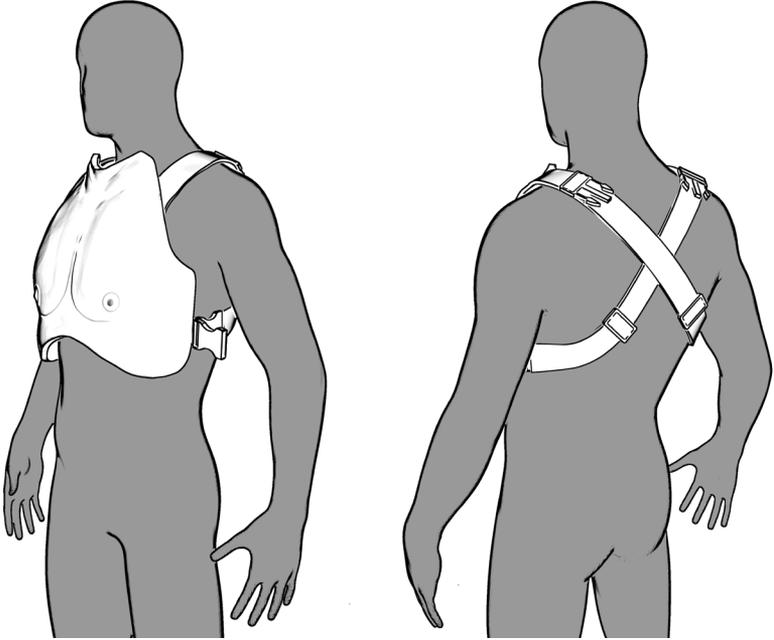
- 1** Download the “Avkin” App on your Apple or Android device.



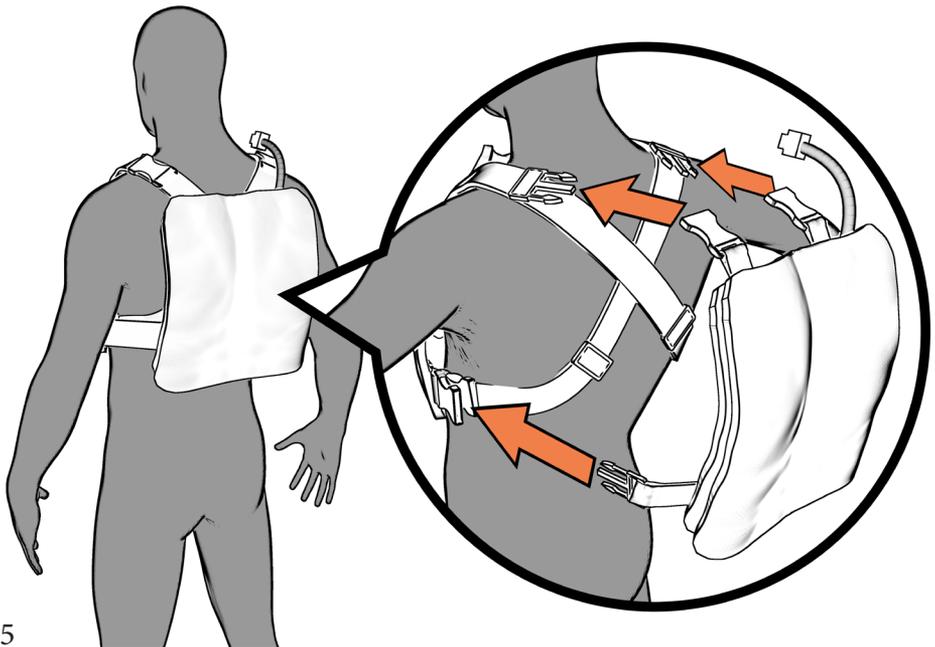
- 2** Turn on the device.



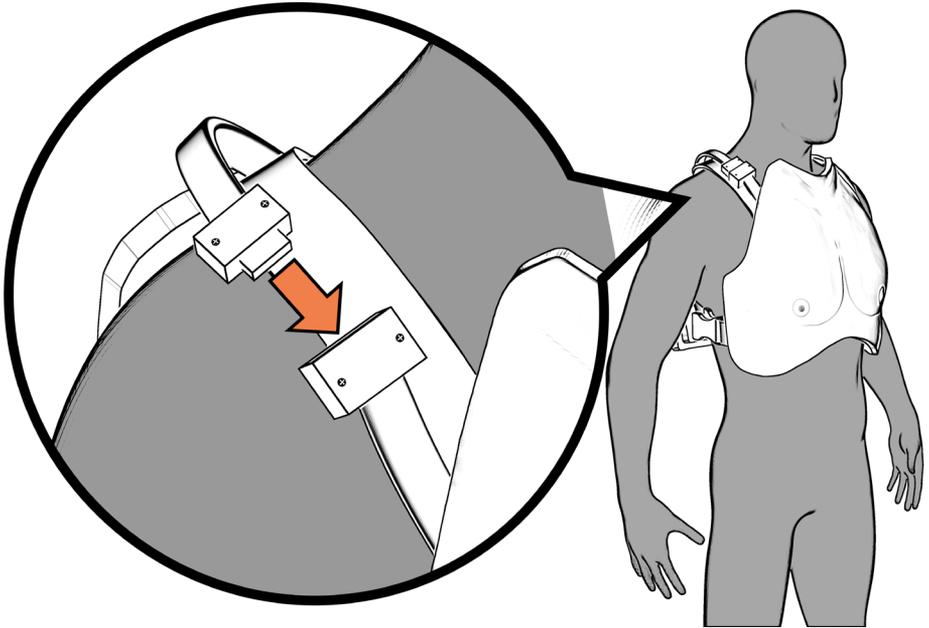
- 3** Put the chestplate on your SP, crossing the straps in the back.



- 4** Buckle in the backplate to the strap of the chestplate



- 5** Connect the electrical connection from the chestplate to the backplate.



- 6** Turn on Bluetooth on your apple or android device.

- 7** Open the Avkin App, select your Avtone serial number (located on the chestplate) to connect to your device.

## **Care and Maintenance**

### **Daily Maintenance**

- 1** Remove any marks or moulage from silicone chest using a white wipe or hand sanitizer.
- 2** Wipe down inside foam on backplate and chestplate assembly on chestplate with a sanitized wet wipe.

### **To Clean Exterior**

- 1** Use a damp lint-free cloth to clean off the silicone chest. Once dry, dust with baby powder or corn starch to remove tackiness. Add cocoa powder to the corn starch if you have a dark skin tone Avtrach.
- 2** Wipe down black plastic backing with slightly moist disinfectant wipes.

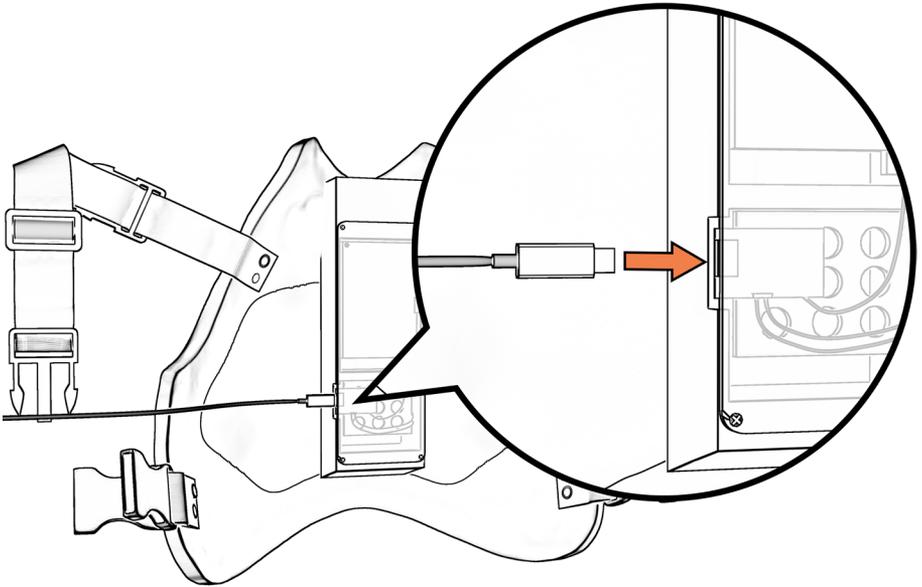
# Charging

On the Avkin App, a battery percentage is displayed at the top of the App.

When the battery is at 10% power, the light on the back of Avtone turns red indicating the device needs to be charged.

The Avtone battery lasts up to 2 full simulation days (16 hours total). The battery requires up to 8 hours to fully charge.

Plug the charger provided in the back of the Avtone.



The light will turn yellow when charging and green when charge is complete.

Avtone™ is provided by:



[www.avkin.com](http://www.avkin.com)

# Battery Life

To provide you with the most accurate data on use when charging of your products we have tested the battery life of each product. We recommend charging your products for at least 8 hours before use to ensure you are able to use products full battery life. Products should be charged every 3 months to maintain battery life.

Avtrach - 6 1/2 hours | Avline - 6 1/2 hours | Avstick - 7 1/2 hours  
Avtone - 9 hours | Avcath - 9 hours

\*the numbers posted are how long the battery will last if the product is in full use

[Need More Assistance?](#)

(302) 562 - 2040

[support@avkin.com](mailto:support@avkin.com)



# Cleaning Your Devices

All Avkin products are designed to be easy to clean and maintain.

## How Do I Clean My Devices?

- > 60% or more alcohol based hand sanitizer
- > Silicone can be wiped down with Sanicloth wipes or hand sanitizer

## After Cleaning

- > For light and mid skin tone devices
  - > Dust baby powder or corn starch on the silicone
- > For dark skin tone devices
  - > Dust baby powder or corn starch mixed with no sugar coco powder on the silicone

## What Not to Use

- > Do NOT get electronic components wet

Need More Assistance?

(302) 562 - 2040

support@avkin.com

