Quick Start Guide

Thank you for choosing the SimScope® Auscultation Training Stethoscope.

How would you like to start?
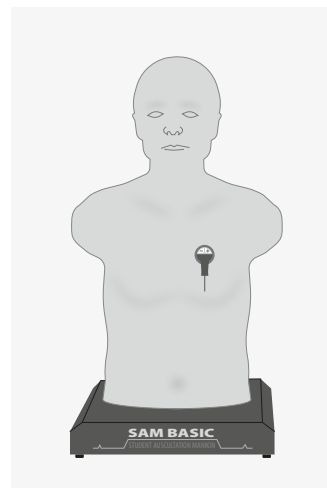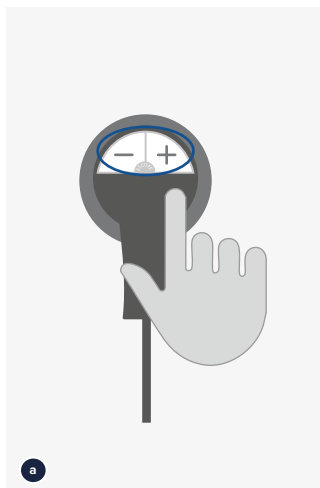
1. Software Installation

IF LAPTOP IS INCLUDED – Software is already installed
IF NO LAPTOP IS INCLUDED – Use USB stick or download: cardionics.com/en/software-download

2. I would like to begin using SimScope® with the default sounds

SimScope® can be used right out of the box with preloaded auscultation sounds. If you don't need to change the sounds immediately, please follow these steps:

    a. Turn on SimScope® by pressing either the plus (+) or minus (–) button on the chest piece
    b. You will hear a voice prompt:
      "System activation. Mode one. Wi-Fi initialization failed"
    c. SimScope® is now ready. Place it on a compatible manikin or wearable system and begin auscultation
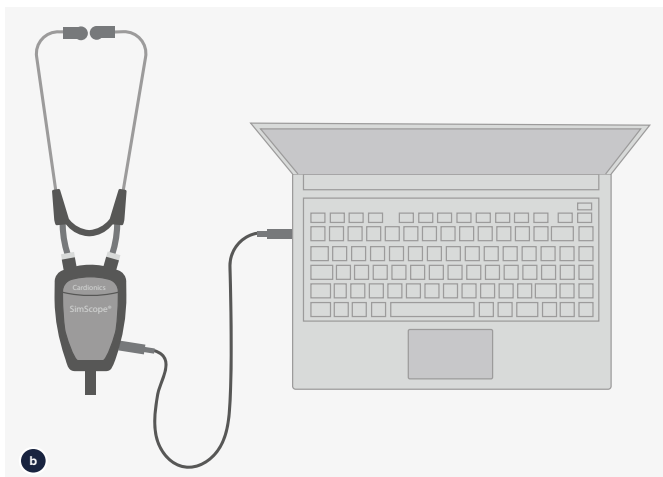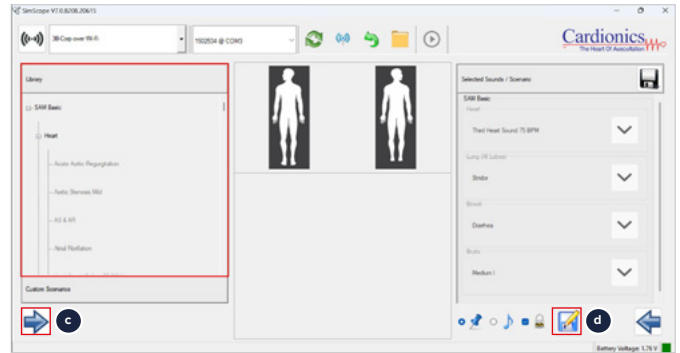
3. Setup Option 1: USB Mode (Wired)

For consistent, offline sessions:

    a. Open software
    b. Connect SimScope® via USB
    c. Assign sounds – either drag from the left to the right panel or simply double-click the desired sound
    d. Click **Save**
    e. Disconnect USB

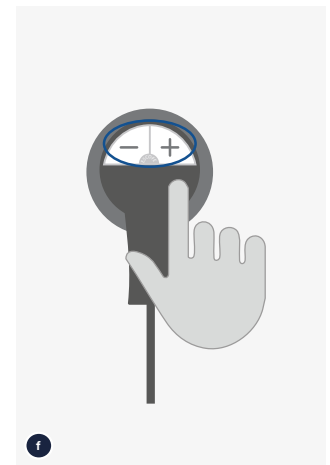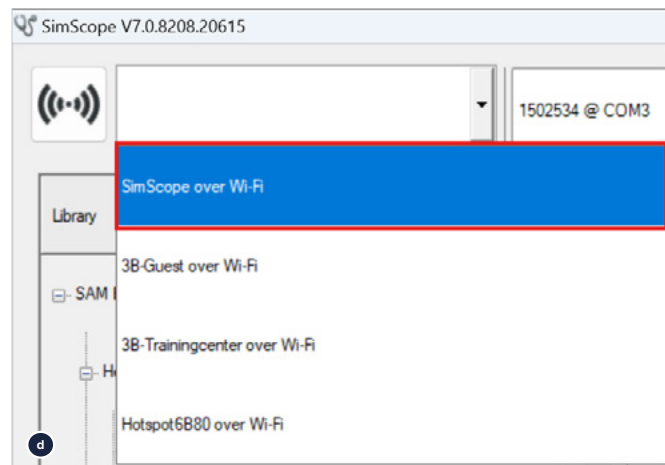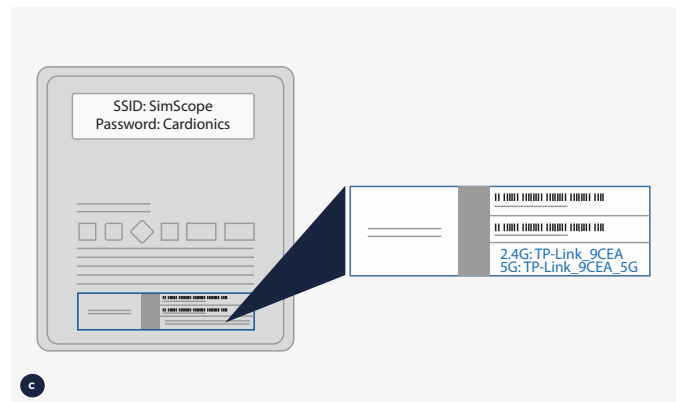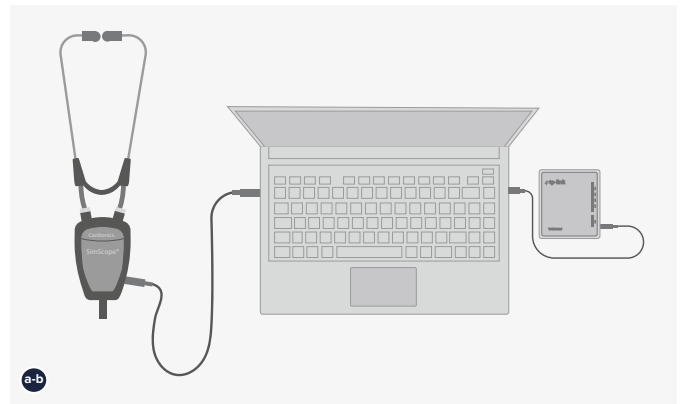SimScope now works in Standalone mode with saved sounds

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4. Setup Option 2: Wi-Fi Mode (Router Connection)

For live sound changes during session
- a. Plug in the router
- b. Connect SimScope® to your laptop using the USB cable.
- c. Launch the SimScope® software
  - Enter the Wi-Fi name and password (as shown on the sticker — "SimScope" and "Cardionics" — **if does not work use the original label on the router**)
- d. **Return to the SimScope®** software and check if the dropdown in the top left corner shows the correct Wi-Fi network name (**e.g., SimScope_5G or TP-Link_XXXX**) If it's not visible, click the dropdown and select it manually
- e. Disconnect the USB cable
- f. Turn on SimScope® by pressing + or –. Wait for the prompt: **"Wi-Fi connected"**

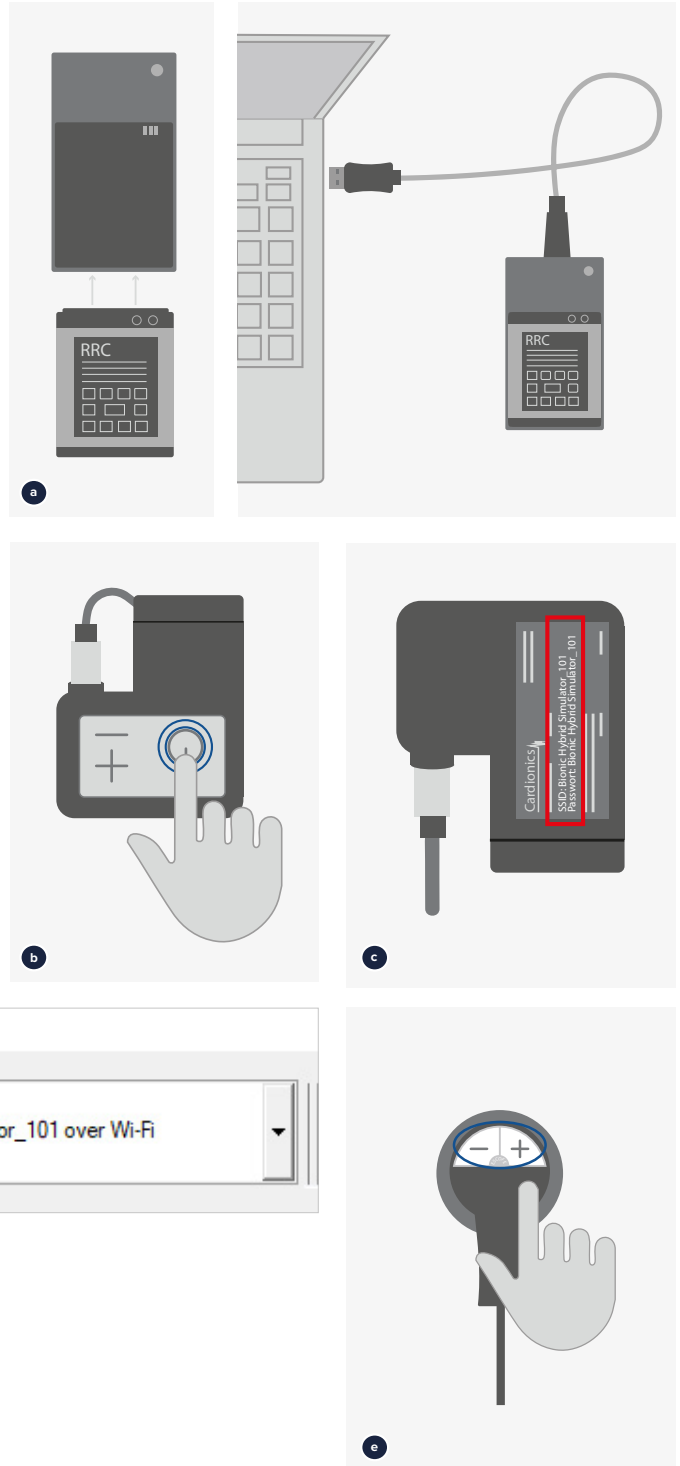You can now change sounds wirelessly using the software

5. Special Setup: BHS (Bionic Hybrid Simulator)

For wearable auscultation with live control

a. **Ensure the battery is fully charged.** If not, charge it using the method shown in the image on the right

b. Once charged, insert the battery back into the Tech Pack, then power it on. Wait 60 seconds for the router signal to activate

c. On your laptop, open the Wi-Fi settings
   • Select the network **Bionic Hybrid Simulator_XXX** (where XXX = last 3 digits of the serial number)
   • Enter a password or Click **"Connect using a security key instead" and enter it there**
   • Enter the password printed on the back of the Tech Pack battery

d. Open the **SimScope** app on your laptop
   • In the top-left corner of the SimScope app, click the dropdown menu
   • Choose the BHS Wi-Fi network you just connected to
   • Wait for the connection status to appear

e. Turn on SimScope by pressing + or –. Wait for the prompt: **"Wi-Fi connected"**

You can now change sounds wirelessly using the software

SimScope V7.0.8208.20615
Bionic Hybrid Simulator_101 over Wi-Fi

SimScope® is ready to start!