



# Littmann® CORE Stethoscope

Connects to Eko Software

Eko

3M

# 3M™ Littmann® CORE Digital Stethoscope

## Quick Start Guide

Download the Eko App from the Apple App Store® or Google Play Store®.

Turn on Bluetooth® Wireless Technology on your phone or tablet, launch the app, and turn on the CORE stethoscope.

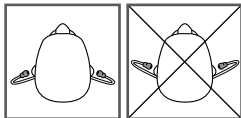
Eko

## In the Box

- Eko CORE Digital Attachment and 3M™ Littmann® Cardiology IV™ Stethoscope
- Additional set of 3M Littmann Snap Tight Soft-Sealing Eartips (small)
- Nonchill Bell Sleeve
- USB Charging Cable
- Quick Start Guide

## Eartips

Insert eartips in a forward direction.



## Volume

Use the (+) and (-) buttons to adjust volume. There are 7 volume steps.

## Turn On and Off

When the CORE stethoscope is off, it functions as an unamplified stethoscope.

To turn the CORE stethoscope on, press the power toggle in. The light will begin flashing. You will now hear amplified and filtered sound in the eartips.

## Telemedicine and AI Features

Eko offers telemedicine and AI features that require a software subscription (where available, sold separately).

You can setup a subscription online at [ekohealth.com](https://ekohealth.com)

## Active Noise Cancelling

The CORE stethoscope includes active noise cancelling to remove ambient noise from the surrounding environment. Active noise cancelling can be turned off or on through the Eko App.

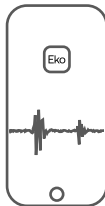


## Notifications

⏏ (blinking)	● (yellow)	(●●) (yellow)
CORE stethoscope is on & seeking device	CORE stethoscope is off & charging	CORE stethoscope is low on battery
○	● (green)	(●●) (blue)
CORE stethoscope is on & connected	CORE stethoscope is fully charged	CORE stethoscope is recording

## Recording

When connected to the Eko App, press the (o) button to begin recording.



## Charging

Connect the micro USB cable to the CORE stethoscope and use a UL-certified or CE-marked 5V USB wall charger. The CORE stethoscope will take about 2 hours to fully charge. The light will turn green when it is fully charged.

## User Manual

Review the user manual before using your Littmann CORE Stethoscope. To view the manual visit: [ekohealth.com/getstarted](http://ekohealth.com/getstarted)  
For more information on 3M devices, see [HCBGRegulatory.3M.com](http://HCBGRegulatory.3M.com)

## Service and Support

In the USA, please visit [littmann.com/service](http://littmann.com/service) or call 1-800-228-3957. If you are outside of the USA, please visit [littmann.com](http://littmann.com) for the contact information of your local 3M office.

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Google Play and the Google Play logo are trademarks of Google LLC.  
Bluetooth® is a registered trademark of Bluetooth SIG  
LBL 143 Rev B

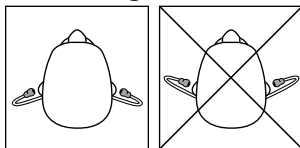
Cardiology Stethoscopes



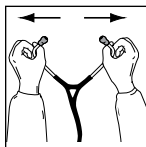
Littmann®  
Cardiology IV™  
Stethoscope

3M

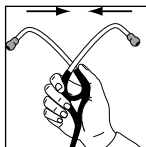
# Figures



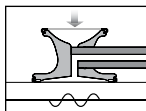
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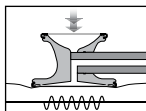
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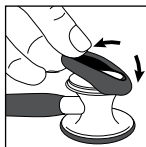
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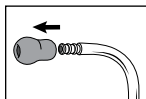
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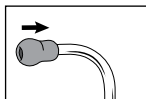
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8



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**Intended Use:** The 3M™ Littmann® Cardiology IV™ Stethoscope is intended for use by healthcare professionals for medical diagnostic purposes only. It can be used for auscultation of heart, lung, and other body sounds.

Please report a serious incident occurring in relation to the device to 3M and the local competent authority (EU) or local regulatory authority.

## Instructions for Use (see Figures pp. 1):

- **Place the Stethoscope in Your Ears:** The eartips should point forward toward your nose (Figure 1).
- **Adjust the Headset Tension for Comfort and Sound Quality:** Pull the eartubes apart (Figure 2) or squeeze them together (Figure 3).
- **Select the Active Side of the Chestpiece:** A mark on the stem identifies which side of the chestpiece is acoustically active. Rotate the chestpiece to change which side is active.
  - Use the large side of the chestpiece for adults. Use the small side for pediatric or thin patients, around bandages, and for carotid assessment.
- **Listen to Low and High Frequency Sounds with Littmann Tunable Diaphragms:**
  - To emphasize lower frequency sounds, use light pressure against the patient (Figure 4).
  - To emphasize higher frequency sounds, use firm pressure against the patient (Figure 5).
- **Convert to a Traditional Open Bell:**

To remove the diaphragm from the small side, hold the large side of the chestpiece in one hand. While wearing an exam glove on your other hand, use your gloved thumb to peel the pediatric diaphragm off the small side of the chestpiece (Figure 6). Install the non-chill sleeve on the open bell (Figure 7).

## Cleaning, Disinfection and Storage

Clean between exams using a 70% isopropyl alcohol wipe or disposable wipe with soap and water. A 2% bleach solution may be used to disinfect your stethoscope; however, the tubing may become discolored after exposure to bleach.

The diaphragms, non-chill bell sleeve, and eartips may be removed for cleaning (Figure 6, 7 and 8). Ensure all parts and surfaces are dry before reassembly. To attach the eartips, push the *small* side firmly onto the eartube until it snaps fully into place (Figure 9). To prevent ear canal injury, be sure eartips are firmly attached to the headset before inserting them into your ears.

To prevent stethoscope damage, do not immerse your stethoscope in any liquid, subject your stethoscope to any sterilization process, or store in extreme heat. To prevent staining of stethoscope tubing, avoid contact with pens, markers, newsprint, or other printed material. It is good practice to wear your stethoscope over a collar whenever possible.

**Disposal:** Dispose of contents/container in accordance with the local/regional/national/international regulations.

**Littmann Stethoscope Service and Warranty Program:** The Littmann Cardiology IV stethoscope is warranted against any defects in material and workmanship for a period of seven (7) years. Within the warranty period, repairs will be made without charge upon the return of the stethoscope to 3M, except in cases of obvious abuse or accidental damage. For service and repair in the USA, please visit [www.littmann.com/service](http://www.littmann.com/service) or call 1-800-292-6298. If you are outside of the USA, please visit [www.littmann.com](http://www.littmann.com) for the contact information of your local 3M office.

For more information, visit [www.littmann.com](http://www.littmann.com).