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› 3M Littmann Classic III Monitoring Stethoscope, 5620, Black Tube Stainless-Finish Chestpiece User Manual

3M Littmann 5620

3M Littmann Classic III Monitoring Stethoscope User Manual

Model: 5620
Brand: 3M Littmann

INTRODUCTION

The 3M Littmann Classic III Monitoring Stethoscope is a versatile instrument designed for clinicians to monitor and assess adult and pediatric patients in non-critical environments. It offers high acoustic sensitivity and a tunable diaphragm for exceptional performance in identifying, listening to, and studying heart, lung, and other body sounds for physical assessment, patient monitoring, and diagnosis.

STETHOSCOPE COMPONENTS

The Littmann Classic III Stethoscope consists of several key parts:

- **Headset:** Composed of eartubes, tension springs, and eartips.
- **Eartips:** Soft-sealing eartips provide comfort and an excellent acoustic seal.
- **Tubing:** Next-generation tubing designed for durability and resistance to skin oils and alcohol.
- **Chestpiece:** A two-sided chestpiece with tunable diaphragms for both adult and pediatric use.
- **Diaphragm:** Tunable diaphragm technology allows for hearing different frequency sounds by adjusting pressure.
- **Non-chill Bell Sleeve:** Provides patient comfort.



Image: Overview of the 3M Littmann Classic III Stethoscope with black tubing and stainless-finish chestpiece.

SETUP AND ASSEMBLY

Adjusting Headset Tension

The headset tension can be adjusted for head size and comfort. To decrease tension, pull the eartubes apart. To increase tension, squeeze the eartubes together. Ensure the eartips are securely snapped onto the eartubes.

Eartip Replacement

For safety, Littmann soft-sealing eartips snap firmly onto the eartubes and require significant effort to remove. To replace, firmly grasp the eartube and twist the eartip off. To attach new eartips, push them firmly onto the eartube until they snap into place.

OPERATION

Using the Tunable Diaphragm

The Classic III stethoscope features a two-sided chestpiece with tunable diaphragms on both the adult and pediatric sides. This technology allows you to hear different frequency sounds by simply adjusting the pressure applied to the chestpiece.

- **Low-Frequency Sounds:** Apply light pressure to the chestpiece to hear low-frequency sounds (e.g., Korotkoff sounds, Mitral Stenosis, S3 and S4 Gallops).
- **High-Frequency Sounds:** Apply firm pressure to the chestpiece to hear higher-frequency sounds.



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Littmann®
Stethoscopes

Classic III™

Monitor and assess a wide range of patients

Image: Front view of the 3M Littmann Classic III Stethoscope, highlighting the chestpiece.

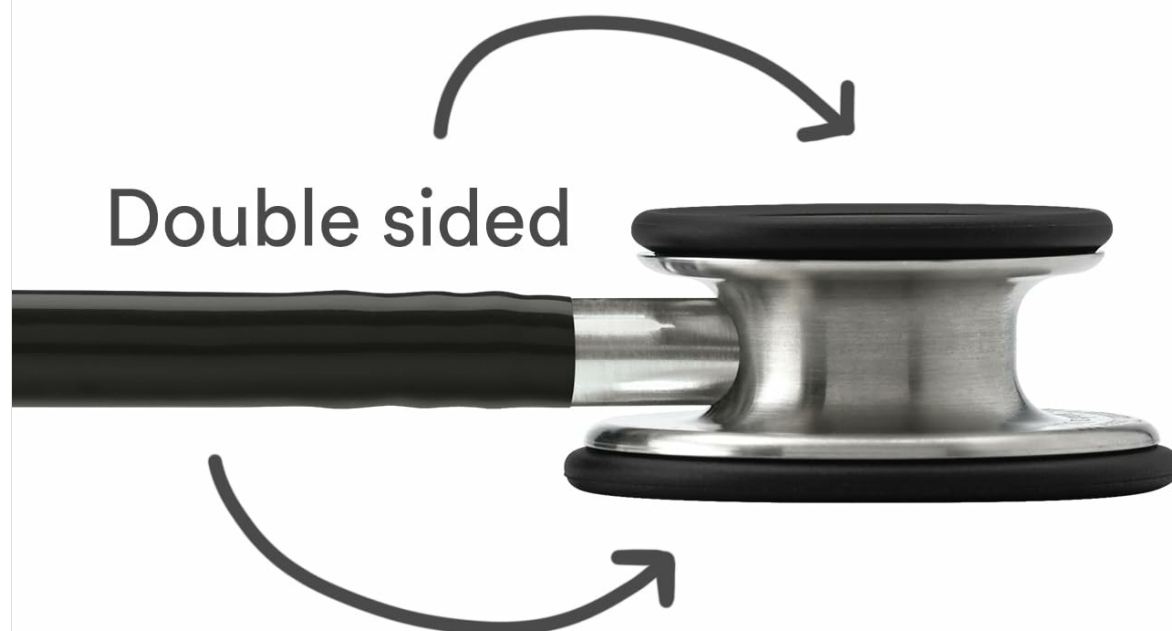
Switching Between Adult and Pediatric Sides

The chestpiece can be rotated to select either the adult or pediatric side. The adult side is 1.7 inches (4.3 cm) and the pediatric side is 1.4 inches (3.4 cm). The pediatric side can also be converted into a traditional open bell by removing the

tunable diaphragm and replacing it with the non-chill bell sleeve (included).

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Pediatric side 1.4"/3.4cm • Adult side 1.7"/4.3cm

Image: Side view of the 3M Littmann Classic III Stethoscope, showing the dual-sided chestpiece.

CARE AND MAINTENANCE

Cleaning

Regular cleaning helps maintain the acoustic performance and extends the life of your stethoscope. Wipe the stethoscope with a 70% isopropyl alcohol solution or a disposable wipe with 70% isopropyl alcohol. Do not immerse your stethoscope in any liquid or subject it to sterilization processes.

Storage

Store your stethoscope away from extreme heat, cold, solvents, and oils. Avoid prolonged exposure to direct sunlight.

Disassembly for Cleaning

The tunable diaphragms can be removed from the chestpiece for cleaning. Gently peel the rim off the chestpiece. Clean the diaphragm and rim with alcohol or soapy water. Ensure all parts are completely dry before reassembly.

Reassembly

To reassemble the tunable diaphragm, place the diaphragm onto the chestpiece groove. Hold the chestpiece with one hand and roll the rim onto the edge of the diaphragm, working your way around the circumference until it is fully seated.

TROUBLESHOOTING

Common Issues and Solutions

Issue	Possible Cause	Solution
Poor Sound Quality	Loose eartips, blocked eartubes, incorrect chestpiece orientation, damaged tubing.	Ensure eartips are secure. Check eartubes for obstructions. Rotate chestpiece to activate the desired side. Inspect tubing for cracks or damage.
Eartips Falling Off	Improper attachment, worn eartips.	Reattach eartips firmly until they snap into place. Replace worn eartips with new ones.
Discomfort in Ears	Incorrect headset tension, wrong eartip size.	Adjust headset tension. Try different sized soft-sealing eartips for a better fit.

SPECIFICATIONS

- **Model Number:** 5620
- **Chestpiece Finish:** Stainless Steel
- **Tubing Color:** Black
- **Overall Length:** 27 inches
- **Weight:** Approximately 5.29 ounces
- **Diaphragm Type:** Tunable, single-piece
- **Adult Diaphragm Diameter:** 1.7 inches (4.3 cm)
- **Pediatric Diaphragm Diameter:** 1.4 inches (3.4 cm)
- **Materials:** Stainless Steel, Epoxy, Fiberglass, Aluminum, Next-generation tubing (not made with natural rubber latex or phthalate plasticizers).
- **Manufacturer:** 3M
- **Country of Origin:** USA (with globally-sourced materials)

WARRANTY AND SUPPORT

The 3M Littmann Classic III Stethoscope comes with a 5-year warranty. For warranty claims, replacement parts, or additional support, please contact 3M Littmann customer service or visit their official website. You can also find more

information and resources on the [3M Littmann Store on Amazon](#).

Additionally, the [Littmann Learning App](#) is available for download from the App Store or Google Play Store to help users recognize heart and lung sounds.