

3M

Littmann®  
Brand

## Classic II S.E. Stethoscope

- High acoustic sensitivity
- Patented tunable diaphragm for monitoring low and high frequencies
- Traditional combination chestpiece with non chill rim
- Compact and durable design
- Patented Littmann® Soft-sealing eartips



Classic II S.E.

## **3M™ Littmann® Classic II S.E. Stethoscope**

Congratulations on the purchase of your new Littmann Classic II S.E. Stethoscope.

This classic stethoscope with a two-sided chestpiece offers high acoustic sensitivity for superior performance. A traditional bell is combined with a patented tunable diaphragm that conveniently alternates between low and high frequency sounds without the need to turn over the chestpiece.

Other features include a patient-friendly nonchill rim and diaphragm, excellent acoustic seal and comfortable fit with patented 3M™ Littmann® Snap Tight soft-sealing eartips, and a comfortably angled, anatomically correct headset. Additionally, the single-lumen tubing is available in a variety of popular colors to meet individual preferences.

Most of all, know that your Littmann Classic II S.E. stethoscope carries the Littmann brand name, the name known worldwide for unsurpassed quality. As a trusted leader in auscultation technology, the Littmann brand of stethoscopes is your assurance of acoustical superiority, innovative design and exceptional performance.

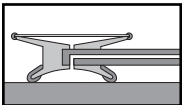
## Instructions for Use

### Chestpiece

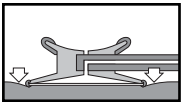
On Littmann stethoscopes with traditional combination chestpieces, it is necessary to open the side of the chestpiece being used. This is accomplished by holding the chestpiece stem in one hand and rotating the chestpiece with the other hand until a click is felt.

### Changing Frequencies Using the Tunable Diaphragm

Your Littmann Classic II S.E. Stethoscope is equipped with a patented tunable diaphragm that enables you to listen to both low and high frequency sounds without turning over the chestpiece.



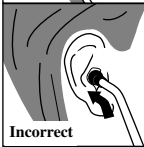
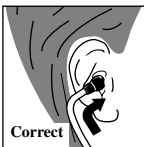
*Low frequencies:* To listen to low frequency sounds, (traditional bell mode) you can use either the open bell or tunable diaphragm using very light skin contact.



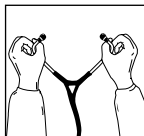
*High frequencies:* To listen to higher frequency sounds, using the tunable diaphragm, press firmly on the chestpiece.

To listen to low and high frequency sounds without removing and turning over the chestpiece, simply alternate between light and firm pressure on the tunable diaphragm.

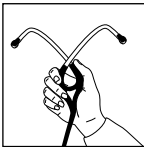
## Headset Adjustment



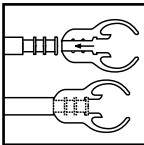
Your Littmann stethoscope is designed to provide a comfortable, acoustically sealed ear fit. Notice that the eartubes are set to accommodate the typical anatomy of the ear canal. The eartips should point in a forward direction as you insert them into your ear canals.



To reduce spring tension in the headset, hold each eartube at the bend near the eartip and gradually pull apart until fully extended.



To increase spring tension, grasp the headset with one hand where the eartubes enter the tubing and squeeze until the tubing on one eartube touches the other. Repeat as necessary.

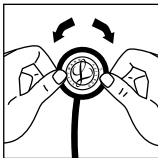


For maximum acoustic performance, comfortable patented 3M™ Littmann® Soft-sealing Eartips are provided with your stethoscope. This stethoscope utilizes a unique design for

attaching the eartip to the eartube. The eartips are

pushed on to the end of the eartube and snapped firmly into place. To remove, pull firmly on the eartip.

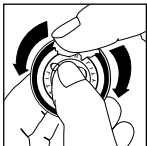
## Removing the Diaphragm and Cleaning the Chestpiece



With the diaphragm side up, grasp the rim with the thumbs and index fingers of both hands and roll the rim off the edge of the chestpiece.

Remove the diaphragm from the rim and clean the parts in soapy water or wipe with alcohol. Chestpiece surfaces can be wiped with alcohol or soapy water. Dry all parts and surfaces thoroughly before reassembly.

## Assembly and Replacement of the Tunable Diaphragm

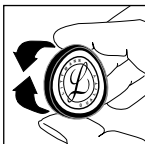


Using your fingertip, apply a small amount of talcum powder to the inside surface of the flexible edge of the diaphragm. This will facilitate assembly and maintain smooth and quiet low/high frequency alternation.

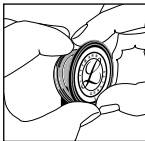
Snap the diaphragm with your fingers to remove excess talc.



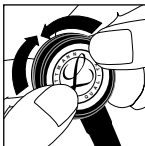
Insert the flexible edge of the diaphragm into the groove of the rim. This is best accomplished by starting with the rim positioned above the legible side of the diaphragm.



Visually examine the ring to ensure that the flexible edge is smoothly engaged inside the rim. If necessary, flex the assembly by pinching the outer rim edge between the thumb and fingers. Repeat this flexing procedure after rotating the assembly one quarter.



To attach the rim/diaphragm assembly to the chestpiece, engage the groove of the rim (with the diaphragm attached) around the chestpiece at one point and hold it in place with your thumbs.



Slowly roll the rim around and over the chestpiece edge using both thumbs, moving in opposite directions around the chestpiece.



Visually inspect the edge where the diaphragm engages the rim for uniform containment. Minor adjustments may be made by slightly pulling and rolling the rim away from the diaphragm, allowing the diaphragm to slip into position.

## General Use and Maintenance

- Avoid extreme heat, cold, solvents, and oils.
- The entire stethoscope can be wiped clean with alcohol or soapy water.
- Eartips can be removed from the eartubes for thorough cleaning.

NOTE: Do not immerse your stethoscope in any liquid or subject it to steam sterilization. If disinfection is required, the stethoscope may be wiped with a 70% isopropyl alcohol solution.

## Littmann Stethoscope Service and Warranty Program

Your Littmann stethoscope comes with the finest service and warranty policy in the industry. The Littmann Classic II S.E. Stethoscope is warranted against any defects in material and workmanship for a period of three (3) years. If a material or manufacturing defect is discovered during the warranty period, repairs will be made without charge upon the return of the instrument to 3M, except in cases of obvious abuse or accidental damage.

For maintenance or repair services, write a short note explaining the repair or service you require, include your name, address and phone number and send your stethoscope directly to:

3M Health Care Service Center  
Bldg. 502, Suite 200  
3350 Granada Ave. North  
Oakdale, MN 55128  
1-800-292-6298

IN CANADA:

3M Health Care Service Centre  
3M Canada Inc.  
80 Enterprise Drive South  
London, Ontario  
Canada N6N1C2  
1-800-563-2921

Outside of the U.S. and Canada please contact your local 3M subsidiary for maintenance and repair information.

## Explanation of Symbols:




- Attention, see instructions for use.



- This product and package do not contain natural rubber latex.



Made in USA by **3M Health Care**, St. Paul, MN 55144-1000  
(U.S.A.) 1-800-228-3957 • Fax 651-736-2803  
Visit our web site: <http://www.3M.com/Littmann>

**CE**  Attention, see instructions for use.  
**3M Health Care** D-41453 Neuss, Germany

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