Master Cardiology Stethoscope

- Superior acoustics
- Patented tunable diaphragm for monitoring low and high frequencies
- Handcrafted solid stainless steel chestpiece
- Two-tubes-in-one design
- Patented Littmann® Soft-sealing eartips

Visit our web site: http://www.3M.com/Littmann

Made in USA by 3M Health Care, St. Paul, MN 55144-1000
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Attention, see instructions for use.

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Littmann is a registered trademark of 3M.

38-9017-6965-3
Instructions for Use

Changing Frequencies Using the Tunable Diaphragm

Your Littmann Master Cardiology 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) use very light skin contact.

**High frequencies:** To listen to higher frequency sounds (traditional diaphragm mode), press firmly on the chestpiece. To listen to low and high frequency sounds without removing and repositioning the chestpiece simply alternate between light and firm pressure on the chestpiece.

Headset Adjustment

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

To reduce spring tension in the headset, hold each earpiece 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 earpieces enter the plastic tubing and squeeze until the plastic tubing on one earpiece touches the other. Repeat as necessary.

For maximum acoustic performance, comfortable patented 3M™ Littmann® Soft-sealing Earpieces are provided with your stethoscope. This stethoscope utilizes a unique design for attaching the earpieces to the earpiece. The earpieces are pushed onto the end of the earpiece and snapped firmly into place. To remove, pull firmly on the earpiece.

Removing the Diaphragm and Cleaning the Chestpiece

With the diaphragm side down, push the rim at one point with both thumbs and roll the rim off the edge of the chestpiece. Remove the diaphragm from the rim and clean parts in soapy water or wipe with alcohol. Wipe chestpiece surfaces with alcohol or soapy water. Dry all parts and surfaces thoroughly before reassembly.

More of all, know that your Littmann Master Cardiology 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.

English
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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.

Special Procedures Adaptor

With the Littmann Master Cardiology stethoscope, a complete seal of the chestpiece against the skin is desirable. The Special Procedures Adaptor ensures a complete seal for small site auscultation by reducing the diameter of the chestpiece. It is flexible and conformable and especially useful for pediatric or thin patients, around bandages and carotid assessment. The Special Procedures Adaptor is designed to fit over the diaphragm side of the chestpiece and enhances both low and high frequency detection by improving source localization. Attach the adaptor to the chestpiece by pressing it over the diaphragm. It may be easily removed by pulling it away from the chestpiece. It may be wiped clean with alcohol or warm soapy water.

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 Master Cardiology Stethoscope is warranted against any defects in material and workmanship for a period of seven (7) 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.
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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.

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