



SCHWEITZER

STETHOSCOPES FOR SPECIALISTS™

# Stethoscope

*USER'S MANUAL*

CE



Congratulations on choosing this stethoscope, which offers unsurpassed quality and value. All models feature durable chestpieces, binaurals and elegantly molded PVC tubings.

The non-chill rings and diaphragm rings, made from a hypo-allergenic insulating polymer, provide exceptional patient comfort.

## **INSTRUCTIONS FOR USE AND MAINTENANCE**

Because this stethoscope is made from the finest quality materials, and has been designed and constructed according to the highest standards, it should provide you for many years of excellent performance.

Here are some useful tips to show how to enjoy and maintain maximum performance.

### **1.) Frequency**

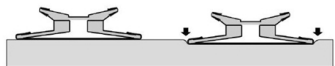
#### **For Dual Head Models (Chestpiece Selection)**

You may select either the diaphragm for high frequency response or the open bell for low frequency perception. To do this, hold the chestpiece stem in one hand and rotate the chestpiece 180 degrees with the other hand until it clicks into place. To determine the active side, fit the headset's eartips into the ears, and tap lightly on each side. The transmitted sound will indicate which side is in operation.

## For Pressure Sensitive Models

Both low and high frequency responses can be attained due to the unique design of chestpiece. A special ring, recessed into the chestpiece under the diaphragm, allows you to alter the frequency response by changing contact pressure. Holding the chestpiece in place with light pressure will give you a “ Low Frequency “ response, whilst applying a firm fingertip pressure on the chestpiece gives “ High Frequency “.

### Tunable Diaphragm Mode



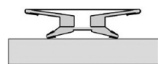
#### Low-frequency Reception

Use light contact with tunable chestpiece to hear low-frequency sounds.

#### High-frequency Reception

Use firm contact with gentle pressure to hear high-frequency sounds.

### Bell Mode

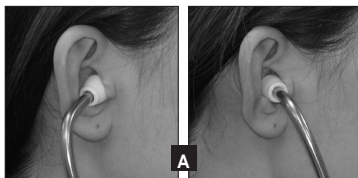


#### Low-frequency Reception

The dual head type chestpiece also allows the open 'Bell' for low-frequency reception.

## 2.)Binaural(Headset)Adjustments

The 15 degree angle of the binaural stems gives a complete and acoustically tight sealed fit. The eartips should be directed forward, towards the bridge of the nose to fit properly (see diagram A)

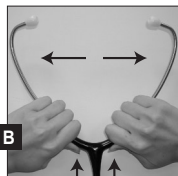


Right (O)

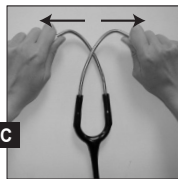
Wrong (X)

### 3.) Adjustments of Binaural's Spring Tension

- a. Reduce Tension: Using both hands, grip the binaural firmly with the fingers at the center of the “Y” in the tubing, thumbs at each side where tubing branches out. Flex the binaural gradually until desired tension is obtained. (diagram B)



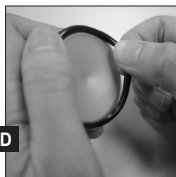
- b. Increase Tension - Cross the two binaural tubes and grasp each tube by the fingers. Pull the two binaural tubes outwards in gradual manner. (diagram C)



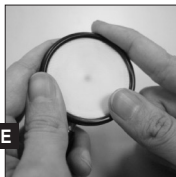
#### 4.) Diaphragm / Membrane

Although it is extremely durable, in event that it needs replacing, observe the following steps.

a.) Remove - Snap off the retaining ring and take out the old diaphragm. (diagram D)

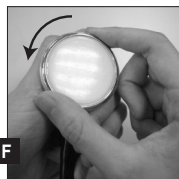


b.) Install - Rest the replacement carefully along the entire diameter of the chestpiece (diagram E), snap the retaining ring back and take care to ensure it engages completely.



#### 4.1) Threaded Metal Diaphragm Ring / Retaining Ring

- a.) Remove - Turn the metal ring at counter clockwise ( to unscrew ) until completely detached from the chestpiece, take out the worn-out diaphragm. ( diagram F )
- b.) Install - Carefully seat the replacement evenly in the ring ( diagram G ) and turn clockwise into the chestpiece until securely fastened ( diagram H )



## 5.) Care and Maintenance

- a. Avoid contact with extreme heat, cold, solvents or oils.
- b. Avoid prolong exposure to direct sunlight.
- c. Wipe down binaurals and tubing with alcohol or mild soapy water.
- d. Unscrew the eartips from binaural for thorough cleaning.
- e. Check whether the eartips are tightly screwed on regular basis.
- f. Do not submerge the unit in any liquid or steam sterilization.

**\*\*\*\*\* WARNING \*\*\*\*\***

Excessive adjustment of tension could weaken the spring. This instrument is only for the use of Professionals and Qualified Medically Trained Individuals only.

**WARRANTY AND SERVICE PROGRAM**

Your stethoscopes are warranted against any defects in material and workmanship under normal use and service as follows :

- 1.Warranty extends to the original retail purchaser only and commences on the date of delivery.
- 2.Your stethoscope is warranted for one (1) year from date of purchase (all parts) , and five (5) years for chestpiece, binaurals (metal parts except spring) .

3.Except in case of obvious abuse or accidental damage, 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 our distributor.

Model No.

Name \_\_\_\_\_

Address \_\_\_\_\_

Dealer's Name \_\_\_\_\_

Date of Purchase \_\_\_\_\_

