

### Noise Processor Calibration

The SE3-320W Noise Processor measurement chain should remain stable under normal operation. However, a little drift can be expected over time, as with all noise monitors, so the calibration should be checked and, if necessary, adjusted.

### Calibration Check

To carry out a calibration check you need the following:

- Acoustic Calibrator with 1/2" cavity and 94dB output
- Access to the SE3-320W Microphone

To check the calibration you will fit the calibrator on to the microphone and check that the sound level on the display is correct.

- Remove the windshield from the microphone
- Switch the calibrator on. If the calibrator has more than one level then select 94dB.
- Fit the calibrator on to the microphone, as shown. Push it on firmly, until it stops.

You should now read the sound level from the display. If it reads 94.0 +/- 0.5dB then no adjustment is needed. Please check your noise measurement regulations for the acceptable range as it may be different to this recommendation.



### Calibration Adjustment

If your noise processor has drifted then you should carry out a calibration adjustment. The actual calibration process is covered in the SoundEar 3 User Manual. These instructions cover the extra processes when calibrating the SE3-320W outdoor version.

You will need the following:

- Acoustic Calibrator with 1/2" cavity and 94dB output
- Screwdriver to remove the front cover
- Computer running the SoundEar Software

To carry out a calibration adjustment, you need to do the following:

- Connect the flying USB cable to your computer
- Switch the calibrator on to 94dB
- Fit the calibrator firmly on the microphone
- Run the SoundEar Software and navigate to the **Microphone Calibration** section



Detailed instructions for carrying out the calibration can be found in the **Microphone Calibration** section of the **SoundEar 3 Manual**.