

Thank you for purchasing a Sealey Product. Manufactured to a high standard this product will, if used according to these instructions and properly maintained, give you years of trouble free performance.



**IMPORTANT: PLEASE READ THESE INSTRUCTIONS CAREFULLY. NOTE THE SAFE OPERATIONAL REQUIREMENTS, WARNINGS AND CAUTIONS. USE THIS PRODUCT CORRECTLY AND WITH CARE FOR THE PURPOSE FOR WHICH IT IS INTENDED. FAILURE TO DO SO MAY CAUSE DAMAGE AND/OR PERSONAL INJURY AND WILL INVALIDATE THE WARRANTY. PLEASE KEEP INSTRUCTIONS SAFE FOR FUTURE USE.**

## 1. SAFETY INSTRUCTIONS

### 1.1. GENERAL SAFETY

- ❑ **WARNING!** Put the ear defenders on before exposing yourself to noise and wear at all times if there is a danger of excessive noise levels.
- ✓ Before use, check that the ear defenders will provide the required level of noise attenuation. Please see Attenuation Table overleaf.
- ✓ Inspect the ear defenders to ensure there are no tears or snags and that they are in good condition.

### 1.2. PERSONAL PRECAUTIONS

- ✓ Ensure there is another person within sight close enough to come to your aid should a problem arise when working.

## 2. INTRODUCTION AND SPECIFICATION

Lightweight yet rugged construction offering protection to BSEN352-1. Adjustable swivel cups for optimum comfort and safety. Fully approved to protect against high noise levels in working environments. Built-in microphone amplifies low level sounds and attenuates noise over 85dB. LED power indicator and On/Off switch with volume control.

Attenuation: 85 dB

Batteries: 2 x AA (Not Included)

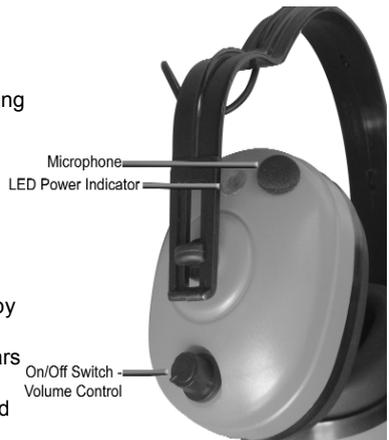
Weight inc. Batteries: 12.6oz / 357g

Operating Temperature: -10°C to + 60°C

Operating Humidity: 0% to 98%

## 3. OPERATION

- ❑ **WARNING!** These ear defenders are of normal size range complying with BSEN352-1. They are designed to fit the majority of wearers. If in doubt, seek professional advice.
- 3.1. Extend the headband to maximum open position and place the cups over the ears with the headband passing over the head.
  - 3.2. Settle the headband in position on the head while adjusting the height of the ear cups until they feel comfortable and the headband rests on top of the head.
  - 3.3. The cushions should be a snug fit against the head.
  - 3.4. The pressure of the ear defenders against the head can be adjusted to by bending the headband thereby ensuring an effective noise seal.
  - 3.5. For best protection, brush away all hair around the ears so that the sealing rings fit tightly against the head. Eyeglass ear pieces should be as thin as possible and fit closely to the head.
  - 3.6. Turn the ear defenders on by turning the on/off switch clockwise, and LED power indicator should illuminate. Do not turn the volume up more than necessary.
  - 3.7. Wear the ear defenders 100% of the time to gain the full protective effect when you are in an noisy environment.
  - 3.8. When low level sounds are no longer amplified sufficiently, replace batteries.



### 3.7.1 Replacing the batteries -

**WARNING!** Incorrectly inserted batteries can damage the electronics.



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Using a coin or a screwdriver pry the ear cushion away from the headset.

Remove the ear cushion and the sponge.

Never change the battery with the power on. Replace the batteries and make sure that the positive and negative are aligned correctly before use.

## 4. MAINTENANCE

- 4.1 **Cleaning:** Clean the outside of the headset regularly with soap and warm water. DO NOT use solvents or organic alcohol.
- 4.2 **Disinfection:** It is recommended to disinfect the section of the headset that comes in contact with the user's ears every 3 months with alcohol.
- 4.3 **Storage:** When not in use, it is recommended to store the ear defenders in a clean, dry plastic bag.

## 5. ATTENUATION TABLE

1/3 Octave center band frequency	Measured 1/3-octave Data			Exterior to Earmuff		A-weighted Sound Levels in Earmuff
	Sound levels exterior to Earmuff	Average Earmuff Attenuation	Standard Deviation of Attenuation	C-weighted Sound Levels	A-weighted Sound Levels	
125	59.9	4.0	1.4	59.7	43.8	41.2
160	63.9	5.1	2.3	63.8	50.5	47.7
200	61.1	7.5	2.6	61.1	50.2	45.3
250	58.7	10.9	2.4	58.7	50.1	41.6
315	58.2	11.9	2.2	58.2	51.6	41.9
400	57.9	14.7	2.1	57.9	53.1	40.5
500	60.0	25.3	2.0	60.0	56.8	33.5
630	61.5	28.4	2.1	61.5	59.6	33.3
800	61.4	28.3	2.3	61.4	60.6	34.6
1000	61.9	33.5	2.4	61.9	61.9	30.8
1250	64.7	35.2	1.8	64.7	65.3	31.9
1600	63.4	32.9	2.0	63.3	64.4	33.5
2000	60.9	33.0	1.2	60.7	62.1	30.3
2500	59.1	29.0	2.8	58.8	60.4	34.2
3150	60.1	30.4	1.6	59.6	61.3	32.5
4000	59.7	33.3	1.4	58.9	60.7	28.8
5000	60.0	34.7	0.8	58.7	60.5	26.6
6300	58.7	34.3	0.4	56.7	58.6	24.7
8000	57.6	33.4	0.8	54.6	56.5	23.9

**ELECTRONIC EAR DEFENDERS**  
**Model : SSP18E**  
 89/686/EEC Directive Relating to Personal Protective Equipment  
 2002/95/EC RoHS Directive  
 2002/96/EC WEEE Directive

**Declaration of Conformity** We, the sole importer into the UK, declare that the product listed here is in conformity with the following standards and directives.



The construction file for this product is held by the Manufacturer and may be inspected, by a national authority, upon request to Jack Sealey Ltd.

Signed by Tim Thompson

31st May 2007

For Jack Sealey Ltd. Sole importer into the UK of Sealey Safety Products.

**NOTE:** It is our policy to continually improve products and as such we reserve the right to alter data, specifications and component parts without prior notice. **IMPORTANT:** No liability is accepted for incorrect use of product. **WARRANTY:** Guarantee is 12 months from purchase date, proof of which will be required for any claim. **INFORMATION:** For a copy of our latest catalogue and promotions call us on 01284 757525 and leave your full name and address, including postcode.



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