

# Technical specs

## SILVERSTONE2 - SILVERSTONE 2 (SILV2AR)

**Name:**

EAR DEFENDER - SNR 30 dB

**Size:**

Adjustable

**Colour:**

Fluorescent Yellow



**Description :**

Ear defender specific neck wearing. Metal arch and ABS cups, padded of synthetic foam. Easy to use with all safety helmets and bum caps. SNR : 30 dB.

**Materials:**

Cup: ABS / Cushion: PVC & Foam / Headband: Stainless steel & EVA

Weight : 240 g +/- 5 g

**Strong points:**

SNR (Standard noise reduction) : 30 dB.

Without headband.

Storage bag included.

**Instructions for use:**

The ear defenders must be worn at all times in noisy environments (noise levels above 80 dB) and must be chosen with an attenuation index in accordance with the ambient noise to be reduced (see performances). Ensure that the ear defenders are correctly adapted, adjusted, maintained and inspected, in accordance with these instructions. If these instructions for use are not respected, the effectiveness of these ear defenders will be diminished substantially. Be warned that spectacle frames and hair between the ear pads and the head can also affect the performance of the ear defenders.

Warning:

These ear-muffs are of "Medium size range". Ear muffs complying with EN352-1 are of "Medium size range" or "small or large size range". "Medium size range" ear-muffs will fit the majority of weavers. "Small or large-size range" ear-muffs are designed to fit wearers for whom "medium size range" ear-muffs are not suitable.

Place the ear defender cups on the bottom of slot on the headband. Place the cups over the ears, the R mark on the cup on the right ear and the L mark on the left ear with the mark 'TOP' above the ear, then tighten the headband until it touches the top of the head.

**SOUND ATTENUATION**

**Neck wearing**

Frequency (Hz)	125	250	500	1000	2000	4000	8000
Mean Attenuation (dB)	17,8	23,3	31,4	36,3	42,1	43,4	29,8
Standard Deviation (dB)	4,0	5,0	5,5	6,4	4,3	5,2	4,2
Assumed Protection (dB)	13,8	18,3	25,9	29,9	37,8	38,2	25,6

H = 32 dB / M = 28 dB / L = 21 dB / SNR = 30 dB



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### **Limits to use:**

Ear-muffs, and in particular cushions, may deteriorate with use and should be examined at frequent intervals for cracking and leakage, for example. If any damage is found, throw the ear defenders away. The fitting of hygiene covers to the cushions may affect the acoustic performance of the ear-muffs. These ear defenders can cause allergic reactions in sensitive subjects, and if such a situation occurs, leave the noisy environment and remove the ear defenders.

### **Instructions for storage:**

Put the ear defenders away after use in a cool, dry place, out of the light and protected from frost. When it is not being used, store in the original packaging.

### **Instructions for cleaning / maintenance:**

Clean & disinfect with warm soapy water cup, cushion & headband & dried with soft cloth. Never use solvents, abrasive or noxious products. This product may be adversely affected by certain chemical substances. Further information should be sought from the manufacturer. In normal use, these ear defenders will remain effective for 2 to 3 years after their initial use.

### **Performances :**

Comply with requirements of the European Directive 89/686, special for ergonomics, harmlessness, comfort, airing and flexibility and with the requirements of the European standards EN352-1:2002.

Reducing high frequency H = 32 dB

Reducing medium frequency M = 28 dB

Reducing low frequency L = 21 dB

Reducing standard of the noise SNR = 30 dB.



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