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# INSTRUCTIONS FOR USE OF EAR MUFFS

Types : EP-101 EP-104 EP-107

**Application:** When worn properly and given adequate care, it provides excellent protection that filters high frequency noise and most noise problems come from dynamic machines, such as workshop equipment and motor saws.

**Requirements:** This hearing protector complies with the requirements of the European Directive 89/686/CEE annex 11 by means of the European Standard EN352-1: 1993 "Hearing protectors – Safety requirements and testing – Part 1 : Ear Muff".

**Mark:** The appropriate marking * can be found on the cups.
*CE mark was issued by the notified body: EP-101 = 0070 (INRS)
EP104 = 0403 (FIOH)
EP-107 = 0700 (INRS)

**Use : 1** Extend headband to maximum 'open' position and place the cups over the ears with the headband passing over the head.

**Use : 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 to support the muffs.

**Use : 3** The ear cushions should be a snug fit against the head.

**Use : 4** Adjust to the correct pressure on the head by forced bending of the headband and ensure an effective noise seal. Put the ear muffs on before exposing yourself to noise and wear them during the whole noise exposure.

**Warning : 1** This ear muff is of 'normal size range' complying with EN353-1. It will fit the majority of wearers.

**Attenuation Values:**

**EP-101 Part No. 1439**

| Frequency (Hz) | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 |
|---|---|---|---|---|---|---|---|---|
| Mean Attenuation (dB) | 15.4 | 9.3 | 17.0 | 24.0 | 31.2 | 33.6 | 37.9 | 37.0 |
| Standard Deviation (dB0 | 4.0 | 2.4 | 1.6 | 1.7 | 2.1 | 2.1 | 2.5 | 4.6 |

**EP-104 Part No. 1581**

| Frequency (Hz) | 125 | 250 | 500 | 1000 | 2000 | 3150 | 4000 | 6300 | 8000 |
|---|---|---|---|---|---|---|---|---|---|
| Mean Attenuation (dB) | 8.0 | 12.5 | 15.4 | 17.0 | 24.0 | 34.3 | 39.4 | 38.6 | 36.3 |
| Standard Deviation (dB) | 2.8 | 2.9 | 3.3 | 1.9 | 3.2 | 3.3 | 1.7 | 3.6 | 4.4 |

**EP-107 Part No. 1585**

| Frequency (Hz) | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 |
|---|---|---|---|---|---|---|---|---|
| Mean attenuation (dB) | 16.9 | 12.8 | 20.7 | 30.5 | 39.6 | 36.6 | 38.4 | 38.2 |
| Standard Deviation (dB) | 4.2 | 2.2 | 2.7 | 2.0 | 2.4 | 1.9 | 3.1 | 2.3 |

**Weight of the Ear Muff:**
EP-101 = 167g
EP-104 = 167g
EP-107 = 238g

**Cleaning :** Cleaning with warm soapy water – do not use organic solvents or alcohol for cleaning.

**Disinfection :**
1. It is required to disinfect the ear muff every three months, according to the use.
2. Any part of the ear muff which is in contact with the wearer shall be disinfected by alcohol.

**Storage :** When not in use, it is recommended to store the ear muff in a clean and dry polybag.