

# **User Instruction of Over-Head Earmuffs According to EN352-1:2003**

Type: ☒ EDF050LTW ☐ EDF052MID

GB

## **Intended Use**

over-head ear muffs are designed to cover the ears to help reduce exposure to hazardous levels of noise and other loud sounds.

## **Fitting Instructions**

1. Move your hair out of the way to get a good seal between the ear muff cushions and your head. Remove earrings if they interfere with the seal of the cushion against your head.
2. Press the cups inward until they snap in around the ears.
3. Center the ear cups over both ears.
4. Slide the ear cups up or down to find the position where the ear cups completely cover your ears.
5. Check the seal of the ear cup cushions around the temples of your eyeglasses. If you don't get a good seal around your glasses, you may get less protection from noise.
6. Check the fit by talking out loud. Your voice should sound hollow, like you are talking in a barrel. The noises around you should not sound as loud as they did before you put the muffs.

## **Attenuation Values:**

Model: EDF050LTW	Frequency(Hz)	125	250	500	1000	2000	4000	8000
	Mean Attenuation(dB)	15.7	14.9	22.5	32.0	29.5	32.8	32.8
	Standard Deviation(dB)	3.6	2.4	3.1	2.5	3.3	3.4	3.7
	APV(dB)	12.1	12.5	19.4	29.5	26.2	29.4	29.1
	SNR: 25dB	H: 28 dB		M: 22 dB		L: 16 dB		
Model: EDF052MID	Frequency(Hz)	125	250	500	1000	2000	4000	8000
	Mean Attenuation(dB)	15.0	18.5	28.8	37.2	31.4	39.2	36.1
	Standard Deviation(dB)	3.1	2.3	2.5	3.8	2.6	3.0	6.2
	APV(dB)	11.9	16.2	26.3	33.4	28.8	36.2	29.9
	SNR: 29dB	H: 31 dB		M: 27 dB		L: 19 dB		

**CAUTION:** Do not use the over-head ear muffs with any other respirator systems or hard hat. Failure to fit and use ear muffs according to these instructions will reduce their effectiveness. Failure to wear hearing protectors 100% of the time you are exposed to hazardous noise may dramatically increase your noise exposure and your risk of developing hearing loss.

## **Impulse Noise**

Although hearing protectors are useful for protection against impulsive noise, the noise reduction measurements are based on tests in continuous noise and may not be an accurate indicator of the device's performance for impulsive sounds such as gunfire.

## **Estimating Noise Reduction for Individual Users**

The noise reduction ratings are based on laboratory tests. It is not possible to use these ratings to reliably predict levels of protection you will achieve in a specific environment. If you are wearing hearing protectors for occupational noise exposure, you should be enrolled in a hearing conservation program. If you are wearing hearing protectors for protection from noise outside of your work, you should have a hearing evaluation by an audiologist, physician, or other qualified professional, on a regular basis.

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

## **Maintenance**

1. Check the ear cup cushions, arm connection points and the hard plastic ear cup before each use. If the ear muff cushions are stiff, torn, or damaged, or if the ear cup or arm connection points are damaged or worn in any way, discard the ear muffs and select a new pair.
2. Cleaning with warm soapy water, do not use organic solvents or alcohol for cleaning.

**Mark:** the appropriate marking can be found on the cups. The marking on the cups are signified as following:

Identification of manufacturer



EDF050LTW/EDF052MID

CE → Model Number  
EN352-1:2003 → CE Marking  
→ Compliance Standard

**Test & Certification Notified Body**

PZT GmbH  
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d-26389 Wilhelmshaven Germany  
Notified body number: 1974