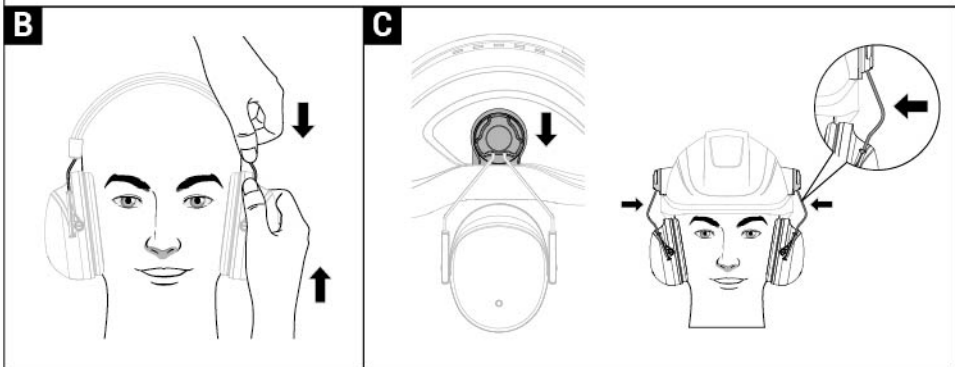
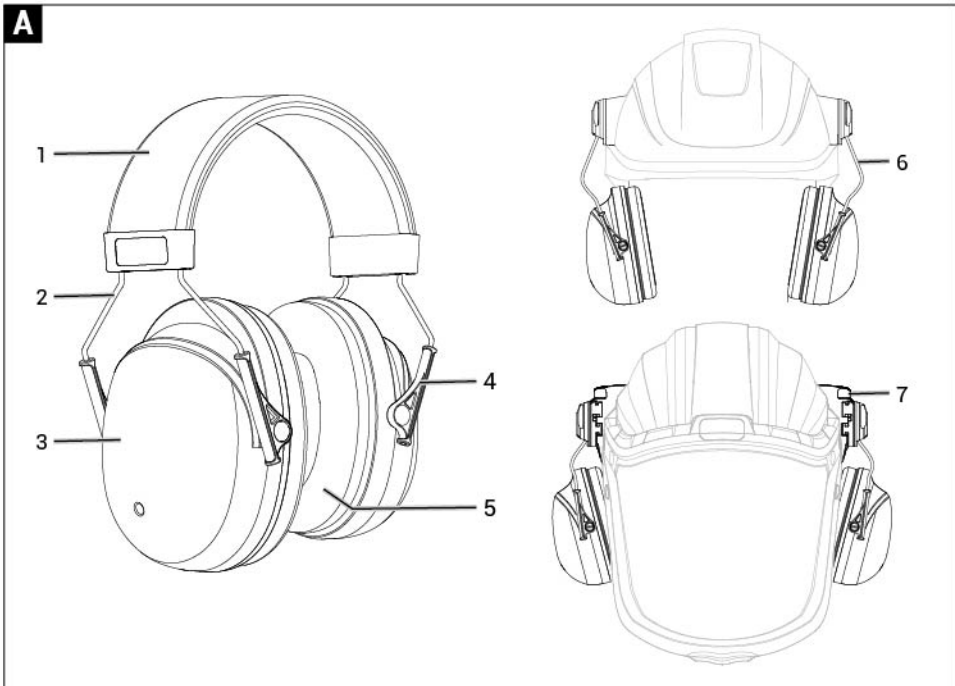


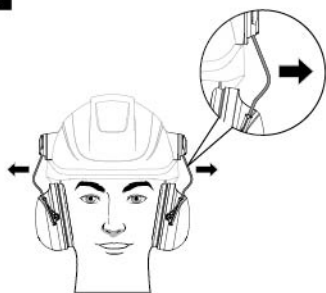
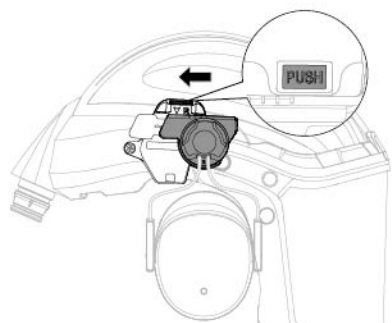
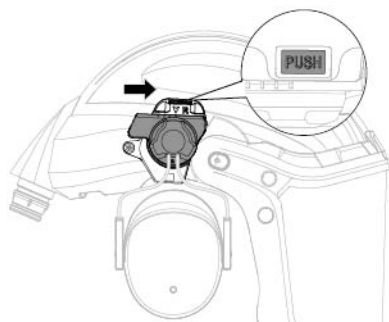
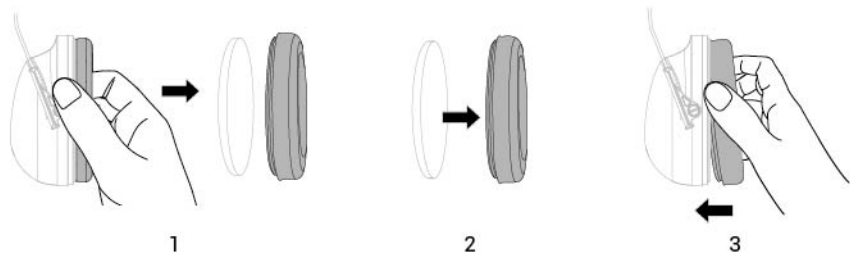


# SONIC GUARD

## User Instructions





**D****E****F****G**

## 1. OVERVIEW

Thank you for choosing UNIVERSAL Sonic Guard Series ear defenders!

Please fully read and understand instructions in this user manual prior to use, and retain these instructions for future reference.

This user manual applies to:

Ear Defenders	Hard hat mounted ear defenders	Ear defenders with slotted adapter (used with TP Series 100 bump cap face shield)	Ear defenders with slotted adapter ( used with TP series 200 hard hat face shield)
HB/32	HH/32	TP100/32	TP200/32
HB/35	HH/35	TP100/35	TP200/35

## 2. INTENDED USE

UNIVERSAL Sonic Guard Series ear defenders are designed for use in noisy environments such as industry, construction, transportation, and more. These ear defenders physically block out external noise and protect users' hearing from prolonged noise exposure.

## 3. WARNING

- Failure to follow the information and recommendations in this manual may significantly impact the product's protective performance.
- Incorrect usage of the product may result in hearing loss when exposed to harmful noise.
- The cushions on the product will naturally age with use. Users are advised to regularly inspect them for cracks and consider replacement at least once a year.
- When additional personal protective equipment is necessary (e.g. safety glasses, respirators, etc.), select flexible, low profile temples or straps to minimize interference with the ear defender cushion.

## 4. IMPORTANT








Please ensure to adhere to the following instructions during use:

- Select the ear defender with an appropriate SNR (Single Number Rating) for optimal protection in your current workplace environment.
- Correctly install and don the product.
- Regularly replace the ear defender cushion to maintain the required noise reduction performance.
- Inspect the product for any signs of damage or cracks to ensure its integrity before each use.

## 5. PRODUCT COMPOSITION (FIG. A)

Number	Description
A-1	Headband (stainless steel)
A-2	Headband wire (stainless steel)
A-3	Cup
A-4	Two-point fastener
A-5	Cushion (TPU)
A-6	Hard hat adaptor fastener (stainless steel)
A-7	TP Series face shield adaptor slot

## 6. SPECIFICATIONS

Type	Ear Defenders		Hard hat mounted ear defenders		Ear defenders with slotted adapter (used with TP Series 100 bump cap face shield)		Ear defenders with slotted adapter ( used with TP series 200 hard hat face shield)	
Image								
Model	HB/32	HB/35	HH/32	HH/35	TP100/32	TP100/35	TP200/32	TP200/35
SNR	33dB	35dB	32dB	34dB	32dB	34dB	32dB	34dB

## 7. FITTING INSTRUCTIONS

### 1. Ear Defenders (Fig.B)

The headband should be positioned above the head, and the height of the cup can be adjusted by sliding it up and down.

### 2. Hard hat mounted ear defenders (Fig.C)

- Please fully read and understand instructions in this user manual prior to use, and retain these instructions for future reference.
- Push the ear defenders inward until you hear a click. Ensure that the cups and headband wire are not pressed against the edge of the helmet to prevent noise leakage. You can adjust the height of the cups by sliding them up and down.
- Push the ear defenders outward to remove them (Fig.D).

### 3. Ear Defenders with slotted adapter (used with TP bump cap face shield) (Fig.E)

- Insert the TP Series face shield attachment in the slot on the hard hat and snap it into place.
- Press and hold the 'PUSH' button and slide the ear defenders from front to the back until you hear the click sound. Ensure that the cups and headband wire are not pressed against the edge of the face shield to prevent noise leakage. You can adjust the height of the cups by sliding them up and down.
- To remove the ear defenders, hold and press the 'PUSH' button and slide the ear defenders from back to the front (fig. F).

## 8. MAINTENANCE

### 8.1 Replace the ear cushion (Fig. G)

- Hold the edge of the ear cushion and pull it outwards to remove.
- Remove existing liner and insert new foam liner.
- Fit one side of the ear cushion into the groove of the cup and then press on the opposite side until ear cushion fit in place.
- The ear defenders and clamps are bonded with glue. To maintain optimal noise reduction performance, it is recommended to replace both at the same time when needed.

## 9. CLEANING AND MAINTENANCE

### 9.1 Cleaning

Clean the earcups by wiping them with a damp cloth to remove dust and dirt. Do not use strong cleaners or chemicals to prevent damage.

### 9.2 Replace the earcups

Replace ear defenders promptly if they are damaged, aged, or lose elasticity. Do not keep using damaged ear defenders to maintain the intended protective effect.

### 9.3 Storage

Store the product in a dry and ventilated location when not in use. Avoid exposure to hot or humid environments, as this may lead to damage.

### 9.4 Follow the manufacturer's advice

Make sure to read and follow the instructions from the manufacturer before using or servicing the product. This helps you use and maintain the product correctly, thereby prolonging its lifespan.

### 9.5 Operating temperature

- Operating Temp. : 4°F (-20°C) to 131°F (55°C)
- Storing Temp. : -4°F (-20°C) to 131°F (55°C)

## WARRANTY

Universal's only obligation shall be repair, replace or refund the purchase price of such parts or products material and fabrication defects free of charge within the warranty period. This warranty does not cover to cause by improper handling abuse or application other than recommended in the user instruction.

If you come across any problem during warranty period, contact your distributor, send the defective parts together with the completed defect problem if necessary.

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For future reference, please complete the owner's record below:

**Serial Number:**

**Purchase Date:**

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