

FRONT

OPEN POSITION

19 dB SNR

CLOSED POSITION

25 dB SNR

XP DEFENDER

IDEAL FOR:

SHOOTING

HUNTING

LOUD EVENTS

YARD WORK

CONCERTS

CONSTRUCTION

SLEEPING & STUDYING

**Hear Sound & Protect Your Hearing At The Same Time
OR Hearing Protection Only**

The product consists of two parts: the pill shaped filter and the reusable universal fit ear tip (Image A). The filter is fit with the large ear tip (7-12mm). First, insert the large ear tip into the ear canal by following the instructions (1. Inserting into the ear). If the tip is difficult to insert into the ear canal or feels uncomfortable place the filter into the medium size ear tip (6-11mm) by following the instructions (3. Changing ear tip size).

Please contact us if it is impossible to achieve a proper seal with the supplied tip sizes. A small size ear tip (5-10mm) and an extra large size ear tip (8-14mm) are available on request.

The product is designed to provide the wearer with hearing protection against two types of noise: continuous noise (Closed mode) and impulse noise (Open mode). The mode is selected by operating the rocker switch while the product is in the ear (Image G).

Closed Mode

When the large, curved side of the rocker switch is pressed down (Image B), the product is in closed mode providing a block to all surrounding noise. Closed mode is for use in continuous hazardous noise environments such as in tracked vehicles.

Open Mode

When the small flat side of the rocker switch is pressed down (Image C), the product is in the open mode providing level-dependent attenuation of impulse noise such as weapons fire, while enabling situational awareness (i.e. voices and orientation).

1. Inserting Into The Ear

1. Ensure the filter is correctly positioned in the ear tip (Image J, K & L).
2. Grip the tongue of the ear tip between thumb and forefinger (Image D).
3. Pull the top of the ear outward and upward to ease insertion: This is best achieved by holding the ear with the opposite hand, the arm placed around the back of the head (Image E).
4. Position the tongue at the top of the ear making it easier to find and grip when removing the tip from the ear (Image F).
5. Gently push and twist the product into the ear until it sits comfortably in the ear canal while forming a good seal with the ear canal.

2. Removing, Cleaning and Storage

1. Find and grip the tongue of the eartip (Image F).
2. Remove the product with a slow-twisting motion to gradually break the seal with the ear canal. This also eliminates any discomfort that may be felt during removal.
3. Clean the ear tip after each use to remove earwax (Cerumen) and other debris: The ear tips can be wiped clean with a damp cloth or antibacterial cleaning tissues.
4. Always store the product in a clean resealable protective case or bag. Do not store it with other objects.
Recommended storage temperature range is between -10° C and 50° C.

After removing the filter (3. Changing ear tip size), the ear tips can be cleaned with soap or hygiene tablets and then rinsed in lukewarm water and dry thoroughly.

We recommend cleaning the filter only if necessary. Do not use alcohol-based

cleaning solutions, soaps, or detergents. After cleaning the filter needs to be thoroughly rinsed in lukewarm water and allowed to dry slowly.

3. Changing ear tip size

1. Remove the filter from the current ear tip: Gently squeeze the ear tip just below the filter until it 'pops' out of the ear tip (Image H).
2. Before placing the filter ensure that the large curve side of the rocker switch is Positioned on the tongue side of the ear tip (Image A & L).
3. Insert the filter into the larger opening of the ear tip: This is best achieved by inserting the filter at an angle, pushing the lower side of the filter in the first (Image I).
4. Press down on the rocker switch to correctly position the filter in the cavity of the ear tip (Image J, K & L).
5. Insert the ear tip into the ear canal by following the instructions (1. Inserting into the ear).

WARNINGS

- If these instructions and warnings are not adhered to, the protection afforded by the product will be severely impaired.
- The product is intended to be placed in the ear and to protect the wearer from hazardous noise levels. The product is not intended for any other use.
- **CHOKING HAZARD** - Keep the product out of reach of young children.
- The product must be fitted, adjusted, and maintained in accordance with the instructions. Improper fitting can reduce its effectiveness in attenuating noise.
- To achieve the designed attenuation level, it's important that the outside of the ear tip has an airtight seal with the ear canal.
- Periodically check and, if necessary, correct

the seal to ensure there has been no loosening of the product over time while in the ear.

- Performance of the product may be reduced after contact with sharp objects e.g. by puncturing or cutting (Image K).
- Regularly inspect the product to ensure serviceability (Image J).
- The product may be adversely affected when coming into contact with chemicals or alcohol.
- Please ensure that the product and both hands are clean before insertion to reduce the risk of infection. Sharing the product can increase the risk of infection.
- Sudden or fast removal of the product of the ear canal may damage the eardrum.
- Suitable hearing protection must be worn at all times in noisy surroundings.
- You are responsible for evaluating whether the use of the product affects the ability to perform an activity safely. Stop the activity when the product is distracting or disruptive.
- It is not recommended to use the product three (3) years after the production date. The specified attenuation of the product can then no longer be guaranteed.

LIMITED WARRANTY

AXIL warrants its products to be free from defects in materials and workmanship for a period of two (2) years from the date of purchase. If you believe this product has any defects in materials or workmanship, cease use immediately and contact customer service for help. If a product proves to be defective in material or workmanship, we will repair or replace the product and send it to you at the expense of AXIL. All returns must include the proof of purchase and documentation specifying the claimed defect. This LIMITED WARRANTY applies only where the products have been

properly maintained in accordance with AXIL's instructions and have not been subject to misuse negligence or accident. No returns are to be made directly to AXIL unless authorized by the Returns Authorization (RMA) Department.

THIS WARRANTY IS GIVEN INSTEAD OF ALL OTHER WARRANTIES EXPRESS OR IMPLIED, WHICH ARE SPECIFICALLY EXCLUDED, INCLUDING WARRANTIES FOR MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. IN NO EVENT SHALL DEC OR SELLER BE LIABLE FOR INCIDENTAL AND CONSEQUENTIAL DAMAGES OR EXPENSES TO THE FULL EXTENT SUCH MAY BE DISCLAIMED BY LAW.

Tested by PZT GmbH An der Junkerei 48, 26389 Wilhelmshaven, Germany, 1974,
According to ANSI S3.19-1974 and ANSI S12.42-2010

// www.goaxil.com
AXIL // 866.422.5502
// SALT LAKE CITY, UTAH

XP DEFENDER

INCLUDES:

1 PAIR **XP**DEFENDER FILTERS. 1 PAIR MEDIUM REUSABLE TIPS.
1 PAIR LARGE REUSABLE TIPS. 1 ALUMINUM CASE

XP Defender features a valve that opens and closes with a simple toggle switch. This lets you instantly transition between hearing and

protecting. Ideal for extreme noise environments such as shooting, machine shops, farming, road building and construction; any situation where health and safety requires the use of hearing protection i.e where noise levels are above the safe limit of 85 dB.

Included Ear Tip Sizes (nominal diameter)	
Medium	Large

MODE:	OPEN	CLOSED
SNR		
H		
M		
L		

Made from soft hypoallergenic medical grade polymer. The **XP**Defender reduces sound levels by 10 dB when in the open position and by 18 dB when in the closed position - suitable for working in environments up to 103 dB. Most of our products may be combined with earmuffs in very loud situations where double protection is a requirement.

Attention:
When inserting the **XP** Defender into the ear canal be sure the tips seals correctly in order to achieve the designed attenuation level.

Made in Netherlands

Sound Technology by
DYNAMIC
EAR COMPANY

www.goaxil.com