

[Manuals.plus](#) /

› [PROTEAR](#) /

› PROTEAR AM/FM Radio Headphones User Manual

PROTEAR EP8830

PROTEAR AM/FM Radio Headphones User Manual

Model: EP8830

INTRODUCTION

Thank you for choosing the PROTEAR AM/FM Radio Headphones. These headphones are designed to provide effective hearing protection with a Noise Reduction Rating (NRR) of 25dB, while also allowing you to enjoy your favorite AM/FM radio stations. They are ideal for use in noisy environments such as workshops, construction sites, or during yard work. This manual provides detailed instructions for setup, operation, maintenance, and troubleshooting to ensure optimal performance and safety.



Image: PROTEAR AM/FM Radio Headphones in yellow and black, showcasing the digital display and antenna.

SAFETY INFORMATION

It is crucial to understand and follow all safety guidelines to prevent injury and ensure proper use of your hearing protection headphones. These headphones are ANSI S3.19 CERTIFIED with an NRR of 25dB, meaning they effectively reduce hazardous noise levels.

- Always wear the headphones in noisy environments to protect your hearing.
- Ensure a snug fit to maximize noise reduction.
- Do not modify the headphones, as this may compromise their protective capabilities.
- Keep batteries away from children and dispose of them properly.

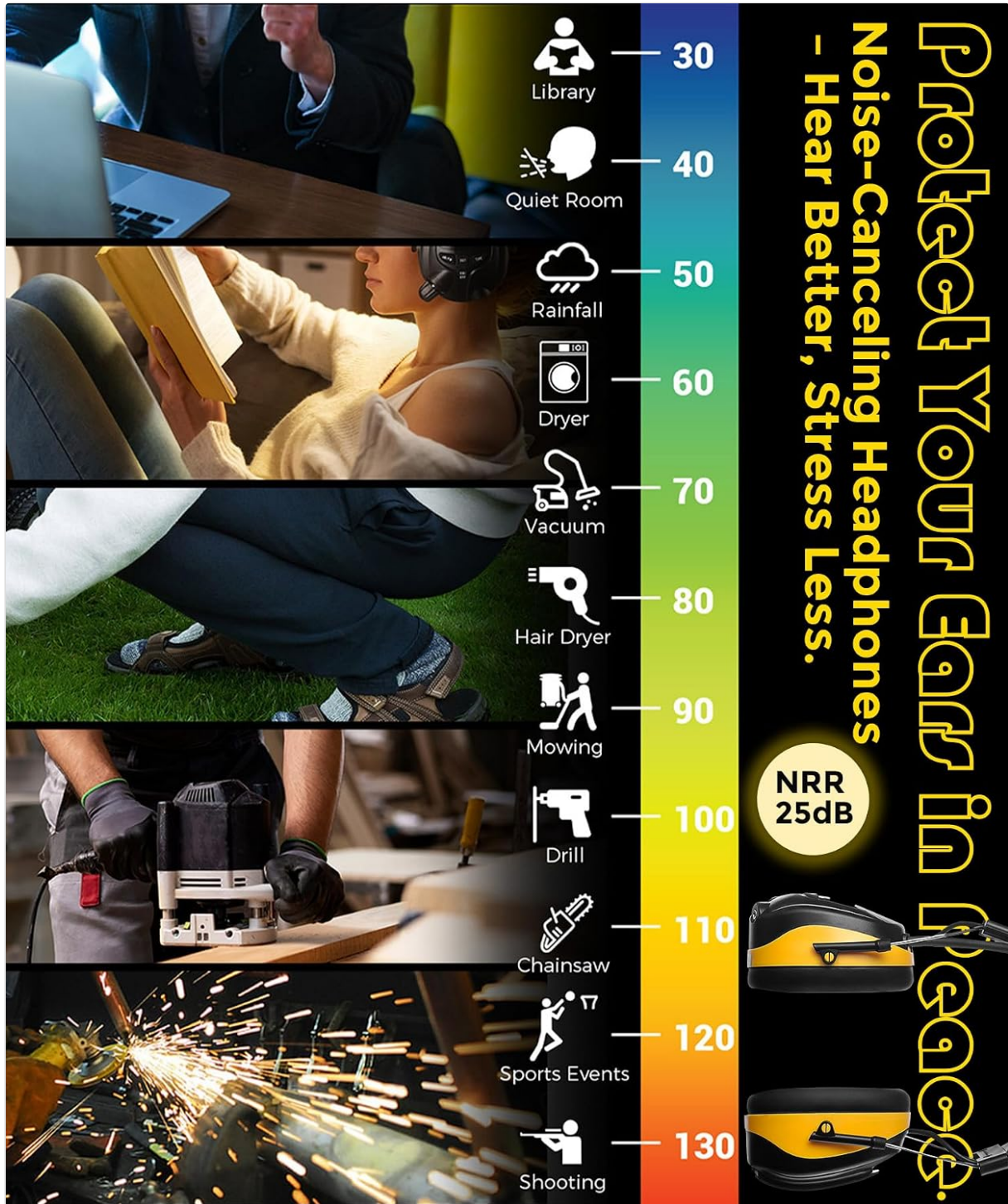


Image: A chart illustrating various noise levels (e.g., library, rainfall, chainsaw) and how the 25dB NRR of the headphones reduces the perceived sound level.

Noise Reduction Example: If the environment noise level is 80dBA and the NRR is 25dB, the level of noise entering the ear is approximately 55dB.

PACKAGE CONTENTS

Please check the package to ensure all items are present:

- 1 x PROTEAR AM/FM Radio Headphones
- 1 x 3.5mm AUX Cable
- 1 x User Manual

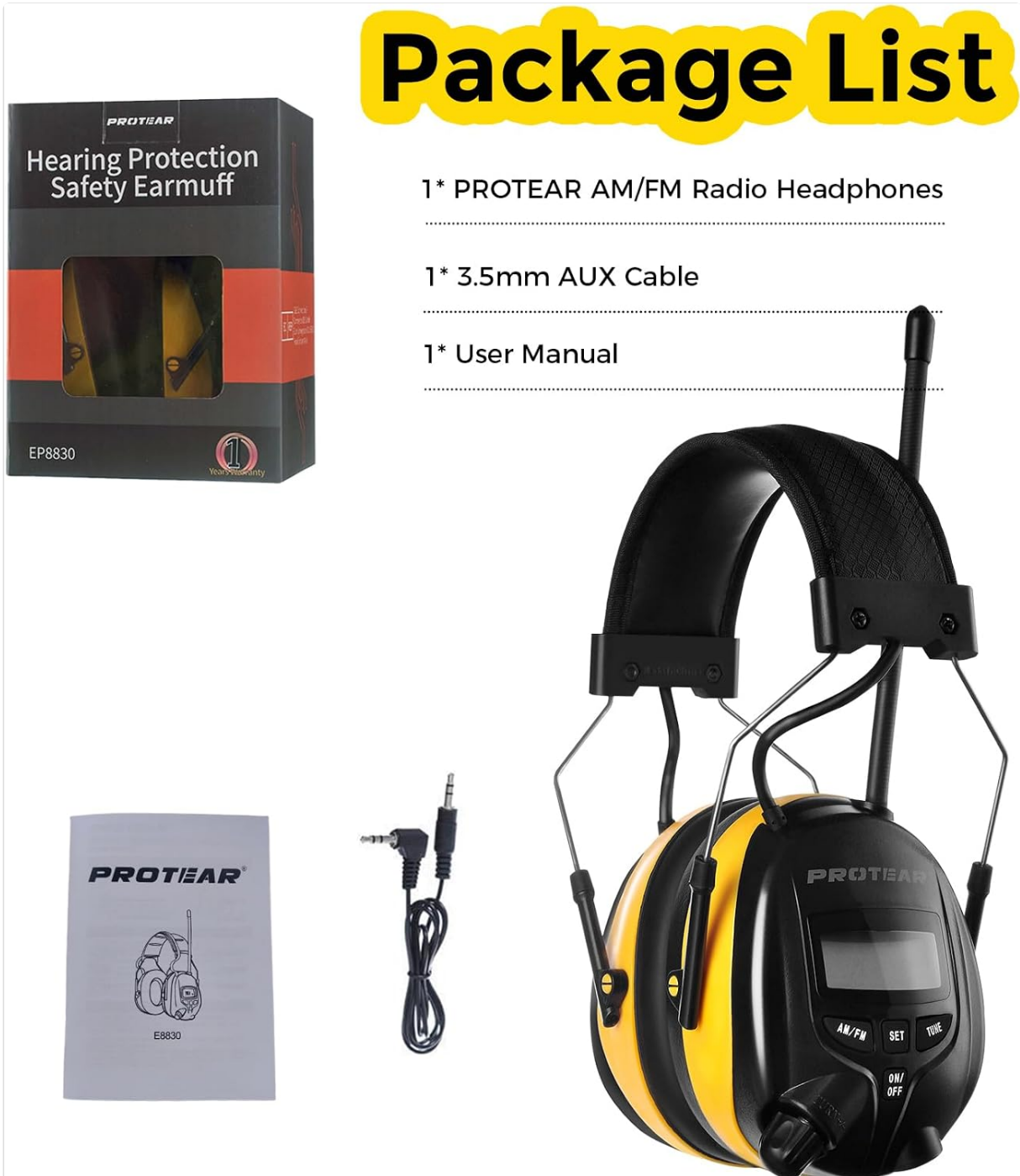


Image: The product packaging, the headphones, the 3.5mm AUX cable, and the user manual are displayed, indicating the items included in the box.

PRODUCT OVERVIEW

Familiarize yourself with the key components of your PROTEAR headphones:

- **Digital LCD Display:** Shows frequency, time, and other settings.
- **Antenna:** Extendable for improved radio signal reception.

- **Control Buttons:** AM/FM, SET, TUNE for radio functions.
- **ON/OFF & Volume Knob:** Powers the unit on/off and adjusts audio volume.
- **AUX Port (3.5mm):** For connecting external audio devices.
- **Battery Compartment:** Holds 2 AA batteries.
- **Adjustable Headband:** For a comfortable and secure fit.
- **Comfortable Ear Cushions:** Designed for extended wear and effective noise blocking.

AM/FM Radio Headphones



Image: A detailed diagram highlighting the antenna, LCD digital display, big button design, rotate-volume control, AUX port, and battery compartment.

ADJUST HANDBAND



Image: Demonstrates the adjustable nature of the headband, showing how it can be extended and retracted to fit various head sizes.

SETUP

Battery Installation

The PROTEAR headphones are powered by 2 AA batteries (not included).

1. Locate the battery compartment on one of the ear cups.
2. Gently open the battery compartment cover.
3. Insert 2 AA batteries, ensuring correct polarity (+/-) as indicated inside the compartment.
4. Close the battery compartment cover securely.



Image: A close-up view of the open battery compartment, showing where to insert the two AA batteries.

OPERATING INSTRUCTIONS

Power On/Off and Volume Control

- To power on the headphones, rotate the ON/OFF/Volume knob clockwise until you hear a click and the LCD display illuminates.
- Continue rotating the knob clockwise to increase volume, and counter-clockwise to decrease volume.
- To power off, rotate the knob counter-clockwise until it clicks off.

Radio Tuning and Presets

- **Switching Bands (AM/FM):** Press the 'AM/FM' button to toggle between AM and FM radio bands.
- **Manual Tuning:** Use the 'TUNE' buttons (up/down arrows) to manually adjust the frequency.
- **Auto Scan:** Press and hold the 'TUNE' button for a few seconds to automatically scan for the next available station.
- **Setting Presets:** The headphones can store up to 8 AM and 8 FM stations.
 - a. Tune to your desired station.

- b. Press the 'SET' button once. The preset number on the display will flash.
 - c. Use the 'TUNE' buttons to select the desired preset number (1-8).
 - d. Press 'SET' again to confirm and save the station to that preset.
- **Recalling Presets:** Briefly press the 'SET' button to cycle through your saved preset stations.



Image: A detailed view of the control panel, showing the AM/FM, SET, TUNE buttons, and the ON/OFF/Volume knob, along with the AUX port.

Connecting External Audio Devices (AUX)

You can connect an external audio device (e.g., MP3 player, smartphone) using the included 3.5mm AUX cable.

- Plug one end of the 3.5mm AUX cable into the AUX port on the headphones.
- Plug the other end into the headphone jack of your external audio device.

- The audio from your device will now play through the headphones. You can adjust the volume using both the headphone's volume knob and your external device's volume control.



Image: A man wearing the PROTEAR headphones while engaged in construction work, demonstrating practical use in a noisy environment.

MAINTENANCE

Proper maintenance will extend the life of your PROTEAR headphones:

- **Cleaning:** Wipe the headphones with a soft, damp cloth. Do not use abrasive cleaners or immerse in water.
- **Ear Cushion Replacement:** The snap-in design allows for easy maintenance and replacement of ear cushions if they become worn or damaged.
- **Storage:** Store the headphones in a cool, dry place when not in use. Remove batteries if storing for

extended periods to prevent leakage.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No power	Dead batteries; Incorrect battery polarity	Replace batteries; Check battery orientation
Poor radio reception	Antenna not extended; Weak signal area	Extend antenna fully; Try moving to a different location
No sound from AUX input	Cable not fully inserted; Device volume too low; Incorrect cable	Ensure cable is fully inserted; Increase device volume; Use the provided 3.5mm AUX cable
Noise reduction not effective	Improper fit; Damaged ear cushions	Adjust headband for snug fit; Replace ear cushions if damaged

SPECIFICATIONS

- **Model:** EP8830
- **Noise Reduction Rating (NRR):** 25dB (ANSI S3.19 Certified)
- **Power Source:** 2 x AA Batteries (not included)
- **Radio Bands:** AM/FM Digital Tuning
- **Preset Stations:** Up to 8 AM and 8 FM
- **Audio Input:** 3.5mm AUX Jack
- **Fabric Type:** ABS
- **Department:** Unisex Adult



Image: Highlights the digital LCD display, NRR 25dB rating, ability to store 8 AM and 8 FM stations, and power source of 2 AA batteries.

WARRANTY AND SUPPORT

PROTEAR is committed to providing high-quality hearing protection products. We offer a **ONE-YEAR WARRANTY** against manufacturing defects from the date of purchase. This warranty covers defects in materials and workmanship under normal use.

For any questions, concerns, or assistance with your PROTEAR AM/FM Radio Headphones, please contact our customer support. We aim to provide a good solution and a pleasant shopping experience.

Contact Information: Please refer to the contact details provided on the product packaging or the official PROTEAR website for the most up-to-date support information.

PROTEAR is a vibrant and creative brand specializing in hearing protection products. As a factory, we are devoted to offering users top-notch hearing protection headphones and constantly improve quality and performance. Our ergonomic design ensures a comfortable, long-term wearing experience.

