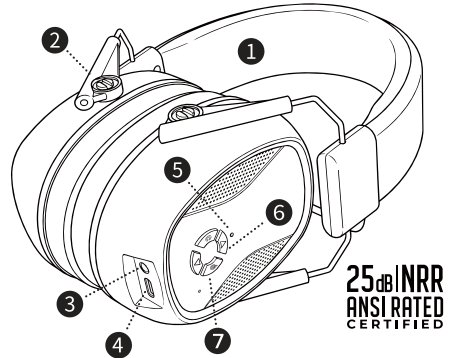




Mercenary LT

HEARING PROTECTION WITH WIRELESS AUDIO



- | | |
|-----------------------|------------------------------|
| ① Headband | ⑤ LED Indicator |
| ② Slider | ⑥ Volume Controls Δ ▽ |
| ③ 3.5mm AUX-in Socket | ⑦ Multi-Function Buttons C D |
| ④ USB-C Charging | |

DESCRIPTION

The Mercenary LT Hearing Protector provides hearing protection in loud environments while also delivering high-fidelity audio. Built with Bluetooth® wireless technology, it connects to your phone or music player so you can enjoy music and while protecting your hearing on the job. The Mercenary LT features soft ear pads and a comfortable headband designed for extended wear in a variety of noisy environments—helping keep your workday comfortable, convenient, and most importantly, safe.

CAUTION

Failure to follow usage instructions may result in personal injury or may significantly impact the headset's performance (for example: increased interference or low volume). Wearing hearing protection helps reduce the risk of exposure to loud environments. Misuse or failure to wear hearing protection can lead to

hearing impairment or hearing loss. If you have discomfort, irritation, or an ear infection, consult a physician before using this product. For proper use, follow the instructions below.

SAFETY WHEN USING THIS PRODUCT

This unit contains a lithium-ion battery. Do not open, crush, puncture, squeeze, or heat above 120°F (50°C), and do not incinerate. If the headset or accessories are damaged or malfunctioning, discontinue use immediately.

Listening to music while using this product may reduce your situational awareness and ability to hear warning signals. Stay alert and keep volume at the lowest acceptable level.

To ensure safe and effective hearing protection, inspect the product before each use. If damaged, discontinue use and select an undamaged hearing protection device or avoid loud environments.

Do not over-bend or modify the headband. Ensure there is sufficient clamp force to maintain a proper seal. Ear pads may age with use and should be replaced at least annually for consistent protection, hygiene, and comfort. Output may exceed daily sound exposure limits—keep volume as low as possible.

OPERATION INSTRUCTIONS

Before Use / Proper Fit

Place the headset over your head and position the ear cups fully over each ear. Adjust the headband to achieve a secure, comfortable fit.

Powering On and Off

To power on the headset, press and hold the main button for 2 seconds while the headset is turned off. You will hear the "Power On" prompt.

When the headset powers on, the indicator light will briefly show the current battery level:

Full battery: White light turns on for 2 seconds, then turns off.

Medium battery: Red and white lights turn on for 2 seconds, then turn off.

Low battery: Red light turns on for 2 seconds, then turns off.

To power off the headset, press and hold the main button for 4 seconds while the headset is turned on. You will hear the "Power Off" prompt, and the red light will turn on for 2 seconds before turning off.

The headset will also power off automatically if no music or calls are active for 2 hours. Connecting a 3.5 mm AUX cable will also cause the headset to power off automatically.

Bluetooth Mode

Bluetooth mode is the default mode after powering on. If the headset has not been paired, it will automatically enter Bluetooth pairing mode when powered on. You will hear the "Bluetooth Pairing On" prompt, and the red and white lights will flash alternately.

On your phone or Bluetooth device, look for: **"Mercenary Lite"** Select this device name to connect. Once pairing is successful, you will hear "Bluetooth Connected," and the indicator light will turn off.

If the headset has previously been paired, it will automatically try to reconnect to the last connected device when powered on. If reconnection is not successful within 1 minute, the headset will return to Bluetooth pairing mode.

To manually enter Bluetooth pairing mode while the headset is trying to reconnect, double-click the main button before reconnection is complete.

Music Playback

While connected by Bluetooth, use the headset buttons to control music playback.

To play or pause music, single-click the main button.

To skip to the next track, double-click the track control button.

To return to the previous track, double-click the track control button.

To adjust the volume, single-click buttons to increase or decrease the volume, or adjust the volume by phone.



EQ Modes

The headset includes multiple EQ sound modes. To switch EQ modes, press the EQ button to cycle through the available options. The available EQ modes are:

Equalizer/ Voice Enhanced / Bass Boost

AUX Mode

To use AUX mode, connect a 3.5 mm audio cable to the headset. When the 3.5 mm cable is inserted, the headset will automatically switch to AUX operation and power off. Bluetooth functions are not active while the AUX cable is connected.

Charging

Connect the charging cable to begin charging the headset. While charging, the red indicator light will breathe or remain on. When charging is complete, the white light will turn on. After the power-on prompt, the headset will announce the current battery level.

Battery Full: 90%–100%
Battery Medium: 30%–90%
Battery Low: Below 30%

When the battery is low, the headset will announce “Battery Low.” This prompt will repeat every 20 minutes until the battery reaches the automatic shutoff level. When the battery is critically low, the headset will announce “Battery Empty.” The red light will flash, and the headset will power off automatically. Critical battery level is 20% or lower.

Note: Do not open the battery compartment or attempt to replace the battery.

SPECIFICATIONS

Battery Capacity: 500 mAh
Bluetooth Music Life: 25 hours

TEST FREQUENCY (Hz)	125	250	500	1000	2000	3150	4000	6300	8000	NRR
MEAN ATTENUATION (dB)	23.3	24.9	30.1	33.7	32.0	37.2	39.3	38.6	37.6	25
STANDARD DEVIATION (dB)	4.3	3.1	3.1	2.6	2.7	3.2	3.8	3.9	4.1	

Charging Current: 250 mA
Operating Temperature: -20°C to 55°C
Storage Temperature: -40°C to 60°C
Charging Temperature: -20°C to 55°C

AUDIO INPUT LEVEL

The audio level in the hearing protector depends on the incoming audio level. To prevent harmful noise exposure, output is limited to 82 dB when connected to a Personal Music Player (PMP). If connected to a device with very high output, it is the user's responsibility to adjust the input level to a safe, acceptable level.

This product contains electrical and electronic components and must not be disposed of with standard household waste. Follow local electronic waste disposal instructions.

FCC WARNING

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

SAFETY STANDARDS

Mercenary LT headset is tested and certified according to the following standards: ANSI S3.19-1974, EN 352-1:2020, EN 352-6:2020. Noise Reduction Rating: 25dB. Mercenary LT Attenuation data, ANSI specifications: ANSI S3.19-1974

For the best protection, the ear cushion ring should seal firmly against head. Anything that interferes with the seal such as long hair, thick or poorly fitting eyeglass, pencils or caps will lessen the protection. Earmuffs must be regularly inspected for cracks or worn parts and replaced as needed. Clean the exterior of the hearing protector regularly with soap and warm water. Do not immerse the whole headset in water. Do not store the hearing protector behind a windshield or at temperatures above 130°F (55°C). Certain chemical substances may damage this product. Contact the manufacturer for more information.

EN 352 SAFETY INFORMATION

The output of the hearing protector's level-dependent circuit

may exceed the external sound level. Using a sanitary cover on the cushion may affect the earmuffs' acoustic performance. Battery consumption will reduce performance, with an expected continuous use time of approximately 8 to 13 hours. Certain chemicals may also adversely affect the device. For more information, please contact the manufacturer.

This equipment has been tested and found to comply with the limits for a Class B digital device under Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in residential installations.

This equipment generates, uses, and can emit radio frequency energy. If it is not installed and used according to the provided instructions, it may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception—which can be confirmed by turning the equipment off and on—the user is encouraged to try several measures to correct the interference. These include reorienting or relocating the receiving antenna, increasing the distance between the equipment and the receiver, or connecting the equipment to an outlet on a different circuit from the one the receiver is using. If the interference persists, the user should consult the dealer or an experienced radio/TV technician for assistance.

WARRANTY

The Mercenary LT ear muff is warranted to be free of defects in material and workmanship for a period of 1 year from the date of original purchase. The warranty is nullified in all of the following situations: 1. The product(s) is/are broken down, reconstructed and/or modified by unauthorized parties, 2. The product(s) is/are damaged through improper use, 3. The product(s) is damaged by leakage of batteries.

Note: The Granter is not responsible for any changes or modifications not expressly approved by the party responsible for compliance. Such modifications could void the user's authority to operate the equipment. This device complies with general RF exposure regulations. The device can be used in portable exposure conditions without restriction.

Model: Mercenary Lite Muff Orange
SKU: ABTM-OBSM
FCC ID: 2AJDL-MERCENARYOBSM



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