

## EARMOR M20T

# EARMOR M20T NRR26dB Electronic Shooting Ear Protection User Manual

Model: M20T SHOCKWAVE

## INTRODUCTION

The EARMOR M20T Electronic Shooting Ear Protection provides advanced hearing safety and communication capabilities for various noisy environments. Featuring a Noise Reduction Rating (NRR) of 26dB and Bluetooth 5.3 connectivity, these earbuds are designed to protect your hearing while allowing ambient sound amplification and seamless communication.

## PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- Charging Case
- Wireless Earbuds (Left and Right)
- 3-Size Ear Covers
- 3-Size Cylindrical Foam Eartips
- Universal Conical Tip
- Wind Muff
- Retention Cord (Anti-Loss Lanyard)
- USB-C Charging Cable
- User Manual

## INSIDE YOUR BOX

- ① CHARGING CASE
- ② WIRELESS EARBUDS
- ③ 3-SIZE EAR COVERS
- ④ 3-SIZE CYLINDRICAL FOAM EARTIPS
- ⑤ UNIVERSAL CONICAL TIP
- ⑥ WIND MUFF
- ⑦ RETENTION CORD
- ⑧ USB-C CHARGING CABLE
- ⑨ USER MANUAL



Image: EARMOR M20T package contents.

## SETUP AND WEARING INSTRUCTIONS

### 1. Selecting the Right Eartips

The EARMOR M20T comes with various sizes of foam eartips and ear covers to ensure a secure and comfortable fit. A proper fit is crucial for optimal noise reduction and sound quality. Experiment with different sizes to find the best seal for your ears.

### 2. Wearing the Earbuds

1. Gently squeeze the foam eartip to compress it. Ensure the foam tip is dry and bouncy before insertion.
2. Pull your ear upward with one hand to straighten the ear canal.
3. Insert the compressed earplug into your ear canal.
4. Hold the earplug in place for a few seconds until the foam fully expands and creates a tight seal.
5. Gently pull on the earbud to check if it fits tightly and securely.



Image: Proper wearing of EARMOR M20T earbuds.

### 3. Installing the Anti-Loss Rope

To prevent accidental loss of your earbuds, you can attach the included anti-loss rope:

1. Remove the foam eartips from the earbuds.

2. Thread one end of the anti-loss rope through the designated loop on the earbud.
3. Securely fix the rope to the earbud.
4. Reinstall the foam eartips back onto the earbuds.

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Video: Demonstration of EARMOR M20T anti-loss rope installation and general use.

## CHARGING

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The EARMOR M20T earbuds are charged using the provided charging case. The case itself is rechargeable via a USB-C cable.

- **Charging the Earbuds:** Place the earbuds into their respective slots in the charging case. Ensure the contact points align. The indicator lights on the earbuds will illuminate to show they are charging.
- **Charging the Case:** Connect the USB-C charging cable to the charging port on the case and plug the other end into a compatible USB power source. The indicator lights on the case will show the charging status.
- A full charge for the earbuds typically provides 4-5 hours of use. The charging case can provide up to 3 full charges for the earbuds.



Image: Earbuds in charging case.

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Video: Demonstration of EARMOR M20T charging and mode switching.

## OPERATING INSTRUCTIONS

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### 1. Power On/Off

- **Power On:** Press and hold the button on each earbud for approximately 2 seconds until you hear a power-on prompt.
- **Power Off:** Press and hold the button on each earbud for approximately 2 seconds until you hear a power-off prompt.

### 2. Mode Switching

The M20T features three operational modes: Silent, Indoor, and Outdoor. To switch between modes, briefly press the button on either earbud (approximately 1 second).

- **Silent Mode:** Provides maximum noise reduction, ideal for environments requiring complete focus or extreme quiet.
- **Indoor Mode:** Balances noise reduction with ambient sound amplification, suitable for indoor shooting ranges or workshops.
- **Outdoor Mode:** Offers enhanced ambient sound amplification for situational awareness while still protecting against harmful impulse noises, perfect for outdoor hunting or construction sites.



Image: One-Button Magic controls.

### 3. Bluetooth Pairing

- When the earbuds are powered on, they will automatically enter pairing mode (indicated by flashing blue and red lights).
- On your device (smartphone, tablet, etc.), enable Bluetooth and search for "M20T" in the list of available devices.
- Select "M20T" to connect. Once paired, the earbuds will automatically reconnect to your device when powered on and within range.



Image: Seamless Bluetooth Sync.

### 4. Call Management

- **Answer/End Call:** Briefly press the button on either earbud once.
- **Reject Call:** Press and hold the button on either earbud for approximately 2 seconds.

## KEY FEATURES

- **NRR 26dB Hearing Protection:** The M20T effectively muffles hazardous noises above 82dB, providing crucial hearing



protection during high-decibel activities such as shooting, hunting, and operating loud machinery.

- **Ambient Sound Amplification:** Advanced sound technology allows for clear amplification of important ambient sounds, enabling communication and situational awareness without removing the ear protection.
- **Directional Clarity:** Experience precise stereo surround sound for clear directional awareness, which is vital in tactical situations or hunting.
- **Bluetooth 5.3 Connectivity:** Enjoy stable and seamless wireless connection for audio streaming and calls.

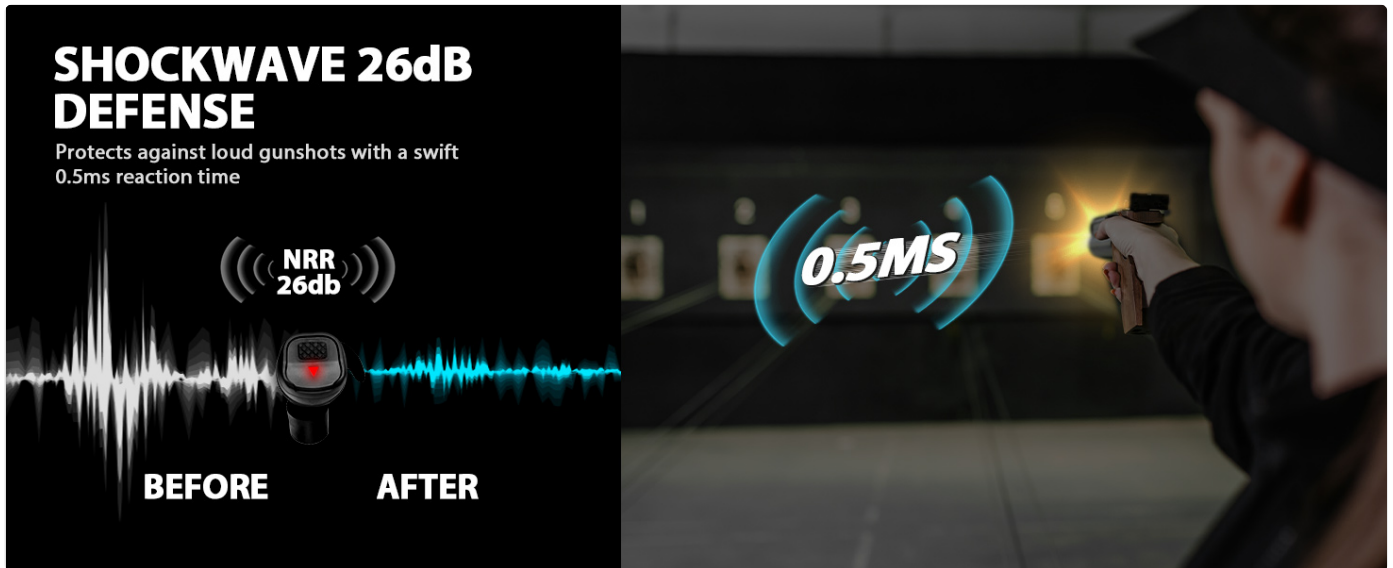


Image: Shockwave 26dB Defense.

## ADVANCED AMBIENT AWARENESS

Suppress noise above 82dB; enhance communication and awareness



Image: Advanced Ambient Awareness.

# DIRECTIONAL CLARITY

Experience precise stereo surround for clear sound directionality

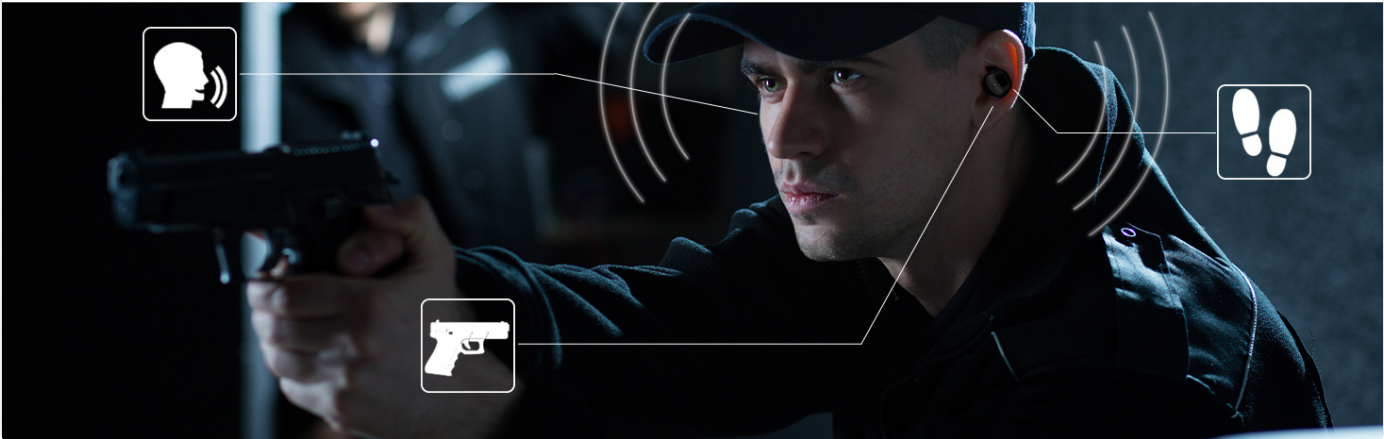


Image: Directional Clarity.

## MAINTENANCE

- **Cleaning:** Regularly clean the earbuds and charging case with a soft, dry cloth. Do not use harsh chemicals or abrasive materials.
- **Eartip Replacement:** Replace eartips periodically or if they show signs of wear to maintain optimal hygiene and noise reduction performance.
- **Storage:** Store the earbuds in their charging case when not in use to protect them and keep them charged.

## TROUBLESHOOTING

- **No Sound/Poor Sound Quality:**
  - Ensure earbuds are properly seated in the ear canal for a tight seal.
  - Check the selected mode (Silent, Indoor, Outdoor) is appropriate for your environment.
  - Verify Bluetooth connection is stable and volume is adjusted on both the earbuds and your connected device.
- **Earbuds Not Charging:**
  - Ensure earbuds are correctly placed in the charging case and contact points are clean.
  - Check if the charging case itself has sufficient charge.
  - Verify the USB-C cable and power source are functioning correctly.
- **Bluetooth Disconnection:**
  - Ensure earbuds are within the effective range of your Bluetooth device.
  - Try unpairing and re-pairing the earbuds with your device.

## SPECIFICATIONS

Model Number	M20T SHOCKWAVE
Noise Reduction Rating (NRR)	26dB
Bluetooth Version	5.3

Reaction Time	0.5ms (for noise suppression)
Battery Life (Earbuds)	Approx. 4-5 hours per charge
Charging Case Capacity	Provides up to 3 full charges for earbuds
Charging Port	USB-C
Package Dimensions	5 x 4.72 x 2.32 inches
Item Weight	8.78 ounces

## WARRANTY AND SUPPORT

EARMOR provides a **1-Year Money Back Guarantee** and a **Limited Lifetime Warranty** for the M20T Electronic Shooting Ear Protection. For detailed warranty terms, technical support, or service inquiries, please refer to the contact information provided in your product packaging or visit the official EARMOR website.