



DEDICATED TO BECOMING THE RELIABLE ALLY OF YOUR PREFERENCE IN SAFEGUARDING YOUR HEARING.

We aim to be the most trust-worthing leader and brand in hearing safety industry in order to protect everyone's life and health by researching and developing most reliable and superior products.

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# EARMOR\* M33 is a level-dependent headset specifically designed for operators effectively communicate in dynamic noise environments. With a dual-comm PTT facilitating connection of two radios, it can achieve multitasks in critical combat scenarios. Detachable cable allows easily switching between PTT connectivity and standalone use. Digital audio circuit system compresses noise exceeding 82dB to a safe decibel level while amplifies weak sounds of an audible level. Anti-interference technology ensures reliable and secure communication. Multilingual voice menu enables easy operation for different groups. Equipped with 5.1 Bluetooth, it seamlessly integrates wired and wireless convenience. Noteworthy features such as environmental microphone, anti-drop design for the battery cover, and foldable headband, demonstrate the commitment to user experience.

#### **FEATURES**

- · Automatically reduces volume to a safe level when it exceeds 82dB.
- 5 volume levels for ambient listening and extra 3 levels for enhancing in earplug mode
- EMI/RFI shielding system enhances resistance to external electromagnetic interference
- Powered by two 1.5V AAA batteries
- Power-saving design: Automatically powers off after 4 hours of inactivity.
- U-174 military standard connector, compatible with NATO standard Push-to-Talk. Equipped with S28 Dual-comm PTT if
  multi-communication is needed.
- In operational mode, Bluetooth can be activated to connect with a mobile phone and report directly to the command center.
- Packed with a pair of foam & gel ear cushions, enables long term wear with sweat-resistance and effectively prevent from sound leakage.
- · Foldable and portable design for easy storage.
- Waterproof rating: IPX7, excels in various weather conditions.
- The quick-release suspension system design allows for flexible adjustment of wearing styles, even in harsh weather conditions or while wearing gloves (exclusive to the optimized version).
- Enhanced with larger and thicker windproof foam, effectively reducing wind noise.
- The tightly sealed battery compartment provides effective water resistance. The soft material design makes opening and closing easy, and the anti-loss cord ensures secure operation.
- Comply with CE / RoHS / ANSI S3.19-1974 / EN352-1:2020 /EN352-4:2020 / EN352-6:2020 / EN352-8:2020 / FCC.

#### MODULAR SUSPENSION IN OPTIONS:







H-series Compatible with the M11 ARC helmet rail adapter



N-series M17A Neckband Kits

#### **EAR CUSHION KITS FOR M33**





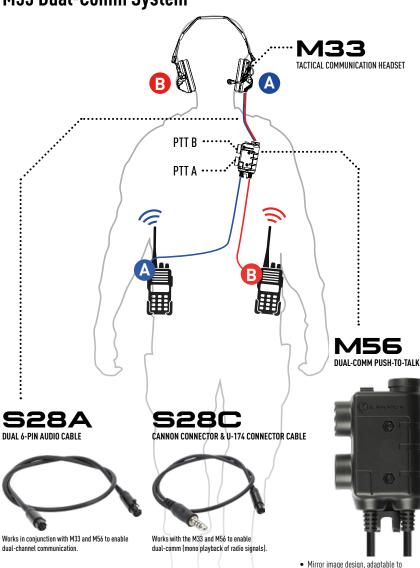


S29B Gel Ear Cushion

EARMOR® M33 Headset Attenuation data, American National Standards Institute specifications: ANSI S3.19-1974

TEST FREQ.(HZ)	125	250	500	1000	2000	3150	4000	6300	8000	NRR
MEAN ATTENUATION(DB)	17.1	18.8	26.8	34.0	32.4	36.6	42.2	43.5	43.0	20
STANDARD DEVEATION(DB)	2.2	2.3	2.6	4.2	2.4	3.3	4.2	3.9	4.5	ZJ

# M33 Dual-Comm System



- High-purity copper conductors for interference-resistant, lossless transmission
- Durable and tangle-resistant
- · Resistant to bending, with integrated injection molding
- · Gold-plated terminals for interface protection

## M31/M32 Mark4 MILPRO Headsets

M31/M32 Mark4 is an electronic noise-canceling headset designed for special operations. It enhances subtle environmental sounds, tracks and optimizes human voices, while blocking out hazardous noise above 82dB (such as explosions and gunfire). This not only protects hearing but also improves conversation clarity and situational awareness. The upgraded modular design allows for the flexible exchange of different suspension systems, making it adaptable to various wearing styles (H Series, X Series, N Series).











sound modes







EMI/RFI interferenceresistant system

High-strength, impact-resistant material

#### **FEATURES**

• 5 Adjustable Sound Modes: provides better adaptability to various environments.

Adapter Design

- M62 Headband with Velcro Surface: Convenient for securing gear and accessories.
- Ultra-Fast Wave Compression Activation (<1 ms): Protects against any sudden noise impacts.
- EMI Filtering System: Effectively suppresses external electromagnetic interference, ensuring uninterrupted communication.
- EMC Compatibility: Designed and tested to military standard MIL-STD-416F.
- Enhanced Auditory Frequency Recognition: Improves detection of human speech, movement, aircraft, vehicles, and weapon operations.
- Voice Tracking System: Accurately reproduces and optimizes human speech for a clear voice experience.
- High-Strength Modified ABS Plastic Shell: 3mm thick, integrally molded, lightweight, and highly durable.
- Low Battery Alert: Automatic shutdown after 4 hours of inactivity.
- HAIII Military-Grade Hard Anodized Waterproof Battery Cover: Features an anti-drop steel ring for quick and easy battery replacement.
- Comfortable Sealed Silicone Ear Cushions: Prevents sound leakage, effectively resists sweat, and is suitable for long-term wear.
- · Foldable and Portable: Easy to store and carry.
- Waterproof Rating: IP67.
- Environmental Compatibility: Tested to MIL-STD-810G standards.
- Certified for Personal Hearing Protection: Complies with CE/RoHS/FCC standards.

left/right-handed operations

· Unique button design for blind recognition

· Adjustable wearing angle

Types of plugs customized

# M31/M32 Mark4 Quick-detach Adapter Design and Modular Suspension System



Model	Function	Color	NRR
M31 Mark4 M31X (TW/M-LOK) Mark4 M31H (ARC/TW/QD/M-LOK) Mark4 M31N Mark4	3.5mm audio input jack	Coyote Brown	22
M32 Mark4 M32X (TW/M-LOK) Mark4 M32H (ARC/TW/DD/M-LOK) Mark4 M32N Mark4	TP-120 connector (NATO standard)  Detachable microphone	Foliage Green Tactical Black	





EARMOR® P20/P21 Invisible Communication Earpiece is specifically designed for high-intensity missions, meeting the practical needs of professional fields such as military, police anti-riot operations, security protection, and emergency communications for firefighting. It is compatible with a wide range of radio models and offers single or dual-ear options. The quick-detach handheld PTT (Push-To-Talk) or finger-ring PTT ensures convenient operation. Featuring an armature coil speaker with an in-ear design, it delivers high sound pressure output while the in-ear earplugs isolate noise, ensuring secure communication. Comfortable and durable, it combines the flexibility of TPU with the lightweight nature of titanium alloy, making it suitable for prolonged use in various environments.



Lightweight



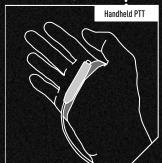
Invisible Design

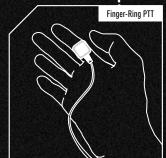


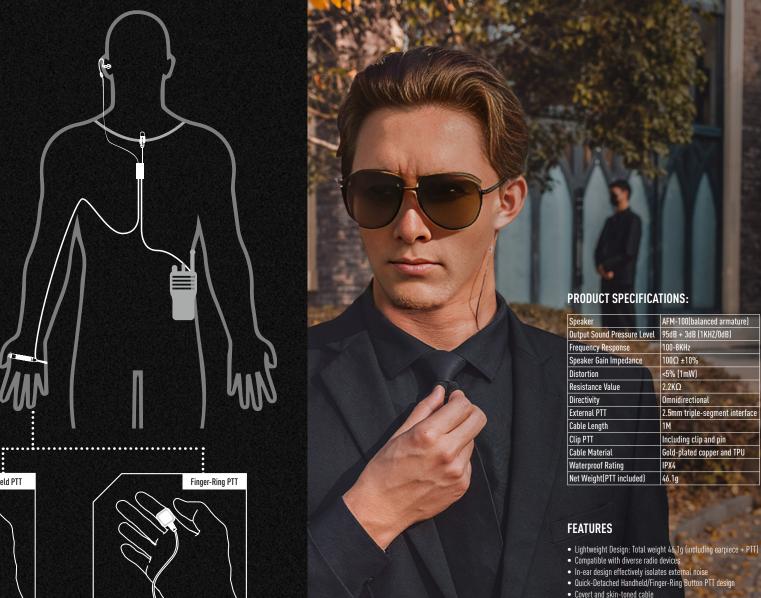
**IPX4 Waterproof** 



Fix the handheld PPT on the palm with Velcro for thumb operation.









EARMOR® M31 PLUS / M32 PLUS Headset Attenuation data, American National Standards Institute specifications: ANSI S3.19-1974

TEST FREQ.(HZ)	125	250	500	1000	2000	3150	4000	6300	8000	NRR
MEAN ATTENUATION(DB)	17.7	19.1	24.7	29.6	30.1	37.6	40.0	41.7	40.5	22
STANDARD DEVEATION(DB)	3.1	1.9	2.3	2.3	2.2	3.2	3.4	2.7	3.1	44







Quick-Detach Adapter Structure

Dynamic Tracking

Gel Pad







TACTICAL COMMUNICATION HEARING PROTECTION HEADSET





EARMOR® M31 PLUS/M32 PLUS is a digital noise-canceling headset designed to protect hearing in daily shooting training. They suppress high noise levels while enhancing environmental sounds to improve awareness of voice, movements, and gunfire. The modular design accommodates various suspension systems, and the comfortable, face-sealing gel ear cushions effectively block sound and sweat, making them suitable for extended wear. The M31 PLUS supports a 3.5mm AUX audio connection. The M32 PLUS features detachable microphone with adjustable angles, adhering to military standards. It connects to PTT through the EARMOR® M51/52 PTT (or other NATO standard PTT).



#### **FEATURES**

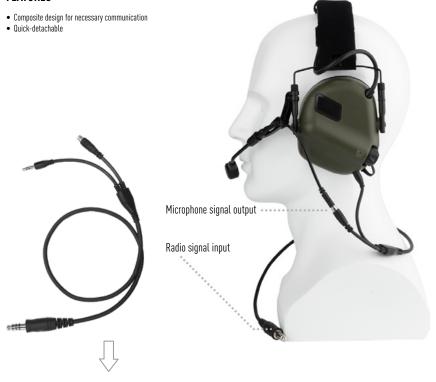
- Noise Reduction Rating: NRR22dB
- 5 volume levels for ambient listening and extra 3 levels for enhancing in earplug mode
- Digitally suppress noise exceeding 82dB in less than 1 millisecond
- EMI/RFI shielding system enhances resistance to external electromagnetic interference
- Dynamic voice tracking system improves audio clarity
- Anti-misoperation design for power button requires 3-second long-press to power on/off
- 3mm integrated molded ABS plastic shell features lightweight and durable
- Powered by two 1.5V AAA batteries.
- · Power-saving design with low battery voice prompt, automatically shutdown after 4 hours of inactivity
- Feature a 3.5mm audio input port to connect to media devices
- Packed with gel ear cushions, enables long term wear with sweat-resistance and effectively prevent from sound leakage.
- Modular design, adaptable to different suspension systems
- Quick-detachable battery cover with anti-loss ring for easy battery replacement
- Waterproof design meets challenging weather
- Equipped with U-174 military standard cable to connect to NATO standard PTT (M32 PLUS applied)
- Detachable condenser microphone for different usage habits (M32 PLUS applied)
- Comply with CE / RoHS / ANSIS3.19-1974 / EN352-1:2002 / EN352-4:2001/A1:2005 / EN352-5:2002/A1:2005 / EN352-6:2002 / FCC

#### **8 COLORS AVAILABLE**





#### **FEATURES**









EARMOR® M20T Pro is the latest generation of Bluetooth hearing protection earbuds, designed with in-ear electronic hearing protection technology. It provides continuous protection against both continuous and impulse noise, effectively blocking dangerous noise levels above 82 decibels. In challenging environments, it enhances situational awareness and communication capabilities. With Bluetooth 5.4 technology, the M20T Pro offers a more stable connection, allowing you to connect to devices while in noise-cancelling mode, freely listen to music, and answer or reject calls, enhancing the versatility of your communication and entertainment options. The earbuds offer up to 10 hours of battery life on a full charge and feature voice prompts to provide instant confirmation of low battery status or any operation. Compared to traditional sound-amplifying noise reduction headsets, the M20T Pro is smaller, lighter, and excels in compatibility, portability, and comfort.

#### **FEATURES**

- Bluetooth 5.4
- 3 listening modes (Quiet mode/Clear voice/Ambient mode)
- Self-developed foam eartips
- Digitally suppress noise in less than 0.1mS
- · Clear ambient sound listening
- · Automatic whistling suppression
- One-button operation
- · Silicone anti-loss cord



#### COLORS

Covote Brown

Foliage Green Tactical Black







EARMOR® M20 in-ear electronic earplugs is designed to provide continuous protection against both continuous and impulse noise, blocking hazardous noise levels above 85 dB while enhancing situational awareness and communication in challenging environments. Ideal for use in shooting training, law enforcement, manufacturing, and construction, it ensures comfort and efficiency in high-noise settings. The headset offers an 8-hour battery life on a full charge and comes with a portable lithium battery charging case, eliminating the hassle of frequent battery replacements.

#### **FEATURES**

- . Intuitive one-button operation
- · Rechargeable with long battery life
- 2 listening modes (indoor, outdoor)
- Power on/off and low battery alerts
- · Auto power-off during charging, and auto power-off after 2 hours of inactivity
- · High portability, comfort, and compatibility
- · Includes a silicone anti-loss cord
- Three sizes of ear hooks and eartips included
- · Comes with a charging cable
- IPX4 waterproof

#### **COLORS:**



Foliage Green

Tactical Black

Neon Yellow

Neon Green

M20T-PRO / M20 attenuation data, according to the specifications of the American National Standards Institute ANSI S3.19-1974

Frequency (Hz)	125	250	500	1000	2000	3150	4000	6300	8000	NRR
Mean attenuation (dB)	32.4	30.2	34.3	35.7	38.4	41.5	43.7	45.5	45.1	27
Standard	5.9	5.1	5.5	4.7	4.1	2.7	5.3	4.8	5.7	20

#### COMPATIBLE WITH M20T PRO & M20

M20/M20T Pro Battery Compartment Holder









BLUETOOTH ELECTRONIC HEARING PROTECTOR





#### COLORS:

- Coyote Brown
- Foliage Green
- Tactical Black



#### EARMOR® M300T Exclusive Patch

The M300T features Velcro areas on both sides of the headband where you can attach patches (EARMOR Logo Gel Patch and DIY Patch). The DIY patch includes a blank space for adding your personal identification or custom design.







M300A/T attenuation data, according to the specifications of the American National Standards Institute ANSI S3.19-1974

Frequency (Hz)	125	250	500	1000	2000	3150	4000	6300	8000	NRR
Mean attenuation (dB)	16.3	19.5	25.6	27.3	35.3	40.4	42.9	42.6	41.8	22
Standard	3.9	2.3	2.7	2.5	2.3	3.5	3.5	4.1	4.0	LL

#### M300A FLECTRONIC HEARING PROTECTOR



#### **FEATURES**

- Rotary control switch and volume
- Ergonomic design
- NRR: 22dB
- Amplify ambient sound
- Suppress noises exceeding 85dB
- Sealing ear pads
- Voice tracking system for clear communication
- Foldable for easy storage
- IPX5 waterproof
- 2 x AAA batteries
- Auto shutdown of 4 hours of inactivity

**COLORS** 

Coyote Brown Foliage Green Tactical Black

EARMOR® M300A is specifically designed to provide safe and reliable hearing protection for shooters. It features advanced noise reduction circuitry that minimizes hearing damage from high noise levels and qunshots. Additionally, the optimized sound amplification function allows you to capture ambient sounds and maintain clear communication. Its lightweight design effectively reduces pressure on the head and enhances portability.

#### M300L HEARING PROTECTION FARMUFE



#### **FFATURES**

- Sponge ear cushions for comfort and noise reduction
- Foldable design, easy to storage
- · Adjustable rails, fit to various head sizes
- Multi-layer structure, provides superior noise reduction

EARMOR® M300L is a physical noise reduction earmuff designed for daily training. It features high-quality sound-absorbing foam with densely packed pores that effectively weaken noise. Additionally, the damping ring in the center reduces structural resonance. The multi-layer design progressively reduces noise disturbances.





## Bluetooth®



Secure-fit ear hook design



5 levels for ambient volume





18

#### **FEATURES**

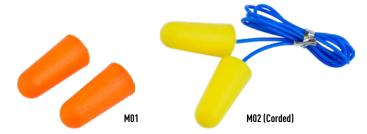
- 4 listening modes (Quiet mode /Clear voice/Ambient mode/Focus mode)
- . Digitally suppress noise in less than 1 millisecond
- . In-ear hook &ear-hook design
- Different sizes of foam eartips
- Bluetooth 5.4 technology for wireless music listening and hands-free calling in noise-canceling mode
- Multifunctional button
- 5 levels for ambient volume
- Recharging battery and Type-C charging port
- IP67 waterproof
- Comply with ANSI S3.19-1974/EN352-2:2002/CE/RoHS

EARMOR® M200T is an in-ear noise-canceling headset designed for both outdoor and indoor shooting ranges, offering hearing protection and clear communication. It features an in-ear, ear-hook, and behind-the-neck design for secure and stable fit, minimizing the risk of falling off. The adjustable lock mechanism prevents tangled wires by allowing you to customize the length of the headset cord. Equipped with Bluetooth 5.4 chip, it connects seamlessly to external Bluetooth audio devices like smartphones for music playback. The multifunctional button allows easy adjustment of volume, track switching, and answering calls. It includes a built-in rechargeable polymer lithium battery charged via Type-C interface, providing up to 20 hours of continuous playback on a full charge.

## DAILY USE & OPERATION



Molded with super low-pressure, slow release comfort foam. Fully skinned and tapered, providing unmatched comfort and hygiene. Meet CE/RoHS/ANSI 3.17-1974/AS-NZS standards.





MAXDEFENSE SILICONE EAR PLUGS

Washable triple-flange design for snug, comfortable fit. Cord helps reduce the chance of loss when not in use.

Meet CE/RoHS/ANSI 3.17-1976/AS-NZS standards.





## **S30**

#### SELF-DEVELOPED FOAM EARTIPS

Designed to fit snugly in the ear canal for deep noise reduction, compliant with CE, RoHS, and EN352 standards. Compatible with: M20T Pro, M200T, and P20/P21

Size: S/M/L

19







CO6 is designed to provide hearing protection in high-noise environments, using impact-resistant plastics to meet a wide range of industrial application needs. Properly wearing the CO6 can effectively reduce hearing damage caused by harmful noise.

#### COLORS

#### **FEATURES**

- Twin-headband design for greater balance and improves wearing comfort.
- Angled and modern exterior design.
- Soft ear cushions disperse wearing pressure for increased comfort.
- Large space inside ear cup helps reduce moisture and heat buildup
- Dual-color combination of soft and hard materials, lightweight and sturdy shell for better sound insulation.



CO7 is designed to provide hearing protection in high-noise environments, using impact-resistant plastics to meet a wide range of industrial application needs. Properly wearing the CO7 can effectively reduce hearing damage caused by harmful noise.

#### COLORS

Grev

Green

Yellow

#### **FEATURES**

- Excellent noise reduction capability, effectively isolating hazardous noise.
- Twin-headband design for greater balance and improves wearing comfort.
- · Angled and modern exterior design.
- Soft ear cushions disperse wearing pressure for increased comfort.
- Large space inside ear cup helps reduce moisture and heat buildup.
- Dual-color combination of soft and hard materials, lightweight and sturdy shell for better sound insulation.



## **▶** ACCESSORIES

S01 SHOOTING GOGGLES The SO1 is a pair of goggles designed with impact-resistant PC material and UV 400 protection. It offers comprehensive protection and a comfortable wearing experience, suitable for industrial production and shooting environments.

CE EN166 ANSI Z87.1



#### **COLORS**

Amber- Light transmittance: 85%

Smoke Grey - Light transmittance: 80%

Clear -Light transmittance: 99%





### **S10**

CANTILEVER ELECTRET MICROPHONE

Compatible with M33/M32/M32H/M32X/M32N



## HEADSET HANGING BUCKLE

**SO8** 

Allows the headset to be hung on a belt or Molle webbing when not in use.



## **S18**

**S17** TACTICAL CARRYING BAG

so it won't snap shut.

**COLORS** Tactical Black

Olive Green

600D Polyester, molle system high quality

Dual YKK 2- way zippers with T'shape silent

pulls that allow you to open the pouch flat

Urban Gray

Tan

MULTIFUNCTIONAL TACTICAL BAG

1000D Military Grade Polyster molle system YKK Zipper. Sling strap bag and handle for carrying. Adjustable opening angle. up to 180 degrees. Multiple separation on the inside.





## **S10**D

CANTILEVER MOVING-COIL MICROPHONE

Compatible with M33/M32/M32H/M32X/M32N



## **S31**

CANTILEVER ELECTRET FLEXIBLE MICROPHONE

Compatible with M32/M32H/M32X/M32N



## **S16A**

The S16A is a portable hard-shell crush-proof headset carrying case with a waterproof exterior. Ensures your headphones stay safe in any environment.



## **COLORS**

Tactical Black

Urban Gray



## **S20**

BONE CONDUCTION MICROPHONE

Compatible with M32/M32H/M32X/M32N

- High noise resistance
- · High invisibility
- · Secure fit





## Replacement Ear CUSHION

#### **S26A** SPONGE FAR PAD



**S26B** 







**S29B** GEL PAD











**S33A** SPONGE EAR PAD

**S33B** 





Model	S26A	S26B	S29A	S29B	S32A	S32B	S33A	S33B	
Sponge Ear Pad	•		•		•		•		
Gel Pad		•		•		•		•	
Compatible Model	C30/C51/C52		M33		M300	Series	Mark4/PLUS Series		

### **Helmet Kits & Headbands**

11 ARC Helmet Rails Adapter Attachment Kit



**12** EXFIL® Helmet Rails Adapter Attachment Kit





M-Lock Helmet Rails Adapter Attachment Kit



**M14C** 

HEADSET HEADBAND BRACKETS

Modular Design for replacement, comes with M62 Headband Compatible with: M33/M32 PLUS



**M17A** 

NECKBAND MOUNT KIT WITH VELCRO

Compatible with: M33 / M32 MARK4 / M32 PLUS





Rear-flip headset stand compatible with ARC helmet rails, designed for the Mark4 / PLUS series. It features a flipforward and flip-backward design with four adjustable joints to fit different head shapes. Optimized for night-vision goggles, it increases side rail space with a robust and lightweight design.

#### **COLORS:**

- Coyote Brown
- Foliage Green
- Tactical Black





#### **M16A**

Compatible with ARC military helmet rails, featuring 4 adjustable joints to fit different head shapes, enhancing side rail space.w



#### M16A-TW

Compatible with EXFIL® 3.0 military helmet rails, featuring 4 adjustable joints to fit different head shapes, enhancing side rail space.



#### M16A-M-LOK

Compatible with M-LOK military helmet rails, featuring 4 adjustable joints to fit different head shapes, enhancing side rail space.

## M19 REAR-FLIP RAIL MOUNT KIT

Flip-back headset mount compatible with ARC helmet rails (also available for TW/M-LOK rails), designed for M33 and M31/M32 Mark 4. Features a 360-degree rotatable multi-angle adjustment structure and a robust metal build.

#### **COLORS:**

Tactical Black



## **M61**

#### MODULAR HEADBAND

Made of 600D nylon, the D-ring design of the headband and the MOLLE system make it easy to hang headsets. Universal application, compatible with most headsets on the market.



Genuine Multicam Alpine



Starry green Starry desert



Genuine Multicam



Genuine Multicam Black Multicam Tropic



Genuine



Foliage Green





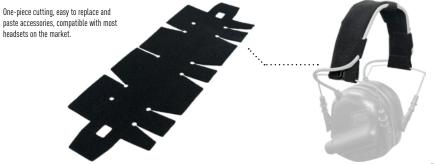
Tactical Black



Coyote Tan

## **M62**

#### **VELCRO HEADBAND**



Cadet Grey

## **M51**

PTT

Military Adapter PTT for M32 TP-120 Connector (NATO STD). Button activated PTT (push to talk) unit, can be clipped on clothing or belts.



## **M52**

PTT

Military Adapter PTT for M32 TP-120 Connector (NATO STD). Fits military standard plugs, comes with M50 finger push button.



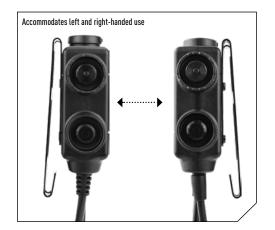


## **M56**

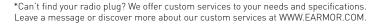
#### DUAL-COMM PPT

- Mirror image design, adaptable to left/right-handed operations
- Adjustable wearing angle
- Unique button design for blind recognition
- Types of plugs customized





## SELECTABLE RADIO PLUG MIL PRC 6-PINS (Custom / Special orders) Hytera PD780 (Custom / Special orders) Motorola MTP850 (Custom / Special orders) YAESU TOPCOM MIDLAND Motorola 2-WAY Motorola TALKABOUT



**KENWOOD** 

ICOM



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