

EARMOR[®]

NRR 26



M20T

Electronic Hearing Protection with
Bluetooth Ear plugs



OPSMEN Tech Co.,Ltd.

EARMOR® M20T Bluetooth earbuds are in-ear electronic hearing protectors that suppress hazardous noise above 82dB and improve situational awareness and communication in harsh environments. Bluetooth connection function can connect devices in a state of noise reduction, freely listen to music, answer calls or reject calls, share communication and entertainment diversity. Also can last for 8 hours when fully charged, with voice prompts and low battery prompts. Smaller size and lighter weight Compared with traditional headphones. Combines compatibility, portability and comfort.



Applicable scene

Industry (Oil & Gas), Mining,
Automobile Manufacturing,
Construction, Product
Manufacturing, Forestry,
Machine Maintenance, Military
Missions, Outdoor Sports,
Transportation





Bluetooth 5.3

Lower power consumption, longer battery life, better signal

Auto connect

1. Auto on/off, pick up/back to case
2. Auto search Bluetooth when it is on
3. Auto reconnect Bluetooth

Ambient sound and bluetooth hybrid

Noise reduction, pickup and bluetooth, dual modes can be used at the same time

Fast reaction core

When the quick response gunshot sounds, the ultra-fast 0.5ms is compressed.

Clear voice tracking

Self and surrounding vocal tracking and optimization, and acoustic design.

Feedback problem control

Improve the internal pickup and whistling of the earbuds

Multi scene switch

Three switchable sound modes

1. Outdoor mode - maximum sound and maximum distance
2. Indoor mode - normal hearing and segment distance
3. Silent mode - listen to bluetooth audio or call

Single button control

Operates in any extreme environment

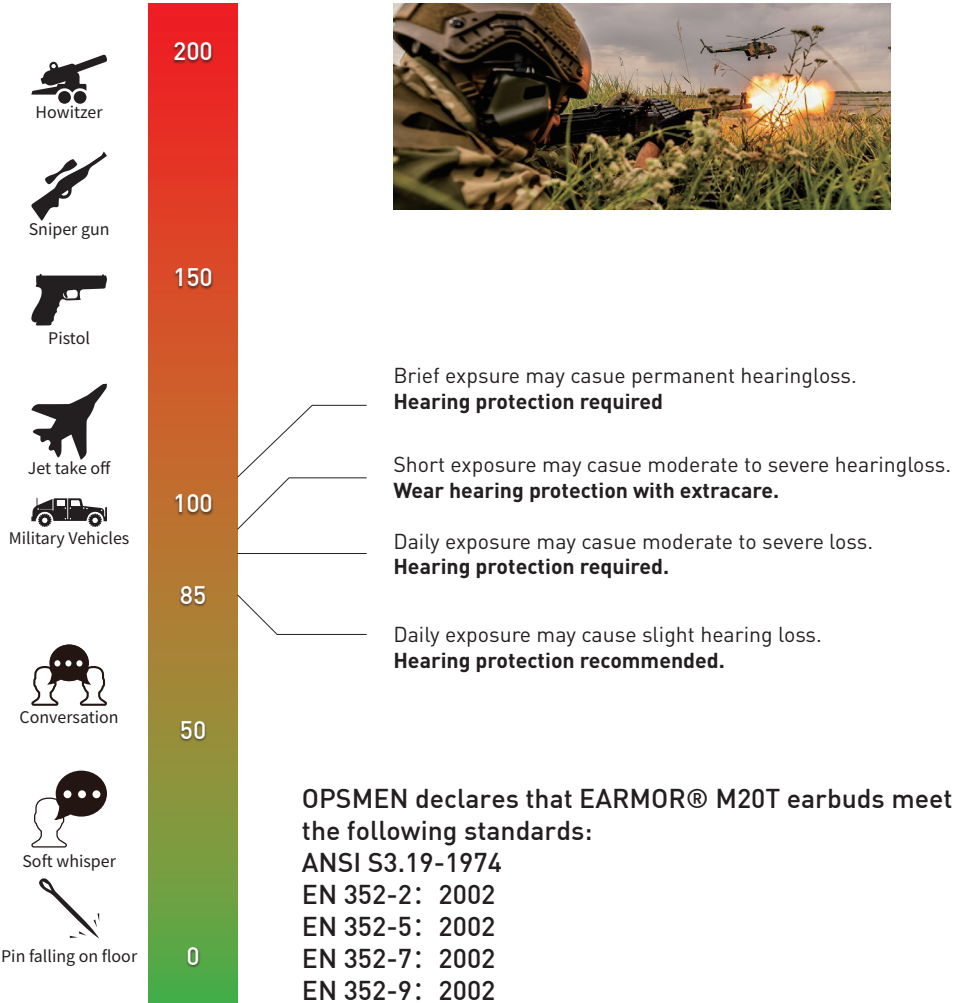
Prevent lost cord

Soft and elastic, the max pulling force is 20N (Prevent hook damage)

- Rechargeable,
- High battery life
- Auto shutdown of 2 hours of standby
- IPX5 Protection Rating

Need to know the protection:

Always wear hearing protection in a noisy environment, otherwise noise may cause hearing damage.



OPSMEN declares that EARMOR® M20T earbuds meet the following standards:

- ANSI S3.19-1974
- EN 352-2: 2002
- EN 352-5: 2002
- EN 352-7: 2002
- EN 352-9: 2002

NRR: 26

EARMOR M20T 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)	34.4	30.2	34.3	35.7	38.4	41.5	43.7	45.5	45.1	26
Standard	5.9	5.1	5.5	4.7	4.1	2.7	5.3	4.8	5.7	

Data and specifications



Component	Parameters
Earbuds	Active noise reduction:82dB
	NRR: 26dB
	Power by:lithium battery
	Working voltage: 3.7V
	Temperature resistance: -40° to +60°
	Material: ABS+PC
Accessories	3 pairs of earpieces cover (S,M,L size)
	3 pairs of sponge earplugs (S,M,L size)
	Retention cord
Weight	Earbuds(single): 8.3g
	Charging case: 72g
Bluetooth	Play/pause music
	Answer/Reject/Hang up call
Pickups	Large/small/mute three-speed adjustment
Charge	Interface: Type-C

Component	Parameters
Speaker	Diameter: 10mm
	Impedance: 16Ω
	Rated power: 3mW
	Frequency response: full-band
Pickups	Sensitivity: -38dB
	Type: Omnidirectional
Battery	EARPLUGS: 65mAh
	charging case: 500mAh

Dimensions

Charging case:
85(L)* 53(W)* 40(H)/mm
Electronic Earplug(single side):
29(L)*23(W)*34(H)/mm

WARNING

Hearing protector

Hearing protection is designed to reduce the harm caused by harmful noise or other treble.

Improper use or improper wearing can cause hearing damage in strong noise.

In order to use hearing protection headphones properly, you can consult a professional and read the instructions carefully or call our company for more details. Please do not wear headphones if the ear is ill, or improper protection will cause permanent hearing loss.

Contact

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