



**EARMOR<sup>®</sup>**

**C51**

**Electronic Hearing Protector  
+NRR26**



**OPSMEN Tech Co.,Ltd.**

The EARMOR® C51 Electronic Hearing Protector protect your hearing in noisy environments and sense your environment through the ability to pick up your voice. With bluetooth function, you can connect bluetooth devices for telephone communication, send voice information or listen to music at work. Applicable industries: oil and gas industry, mining industry, automobile manufacturing, building construction, design, food and beverage manufacturing, forestry, industrial maintenance, metal manufacturing, military maintenance, equipment repair, racing, transportation.



## •Feature

- High performance hearing protection and entertainment in one
- Noise reduction value +NRR26
- Comes with Bluetooth function to enhance the diversity of communication and entertainment
- Lithium battery rechargeable, 60 hours high battery life
- A total of 5 levels of ambient volume adjustment
- PVC foam earmuffs
- Power-on, power-off, low-battery voice prompts
- Automatic shutdown of two hours of inactivity
- Comes with a Type-C data cable for charging
- IP42 protection class

## •Scenes

Oil and Gas Industry, Mining, Automotive Manufacturing, Building Construction, Design, Food and Beverage Manufacturing, Forestry, Industrial Maintenance, Metal Manufacturing, Military Maintenance, Equipment Repair, Motorsports, Transportation

## Bluetooth mode

Built-in Bluetooth function, support device connection, improve the diversity of communication and entertainment

## •Voice operation prompt

There are voice prompts for power on, power off, low battery and other operations

## •Clear voice tracking

Clear voice tracking technology improves the recognition of the voice in the environment, which can optimize the vocal dialogue in the environment and make the voice clearer.

## •Super fast attack time

The super fast attack time is less than 1 ms, which can instantly suppress the ambient sound and protect the user's hearing from damage.



OPSMEN company declares that the product meets the following standards:

ANSI S3.19-1974

EN 352-4: 2002

EN 352-6: 2002

EN 352-8: 2002

## •Data and specifications

Component	Parameters
Internal speaker	Diameter: 40mm
	Impedance: 32Ω
	Rated power: 10mW
	Frequency response: 20Hz-20KHz
Pickups	Sensitivity: $-38\pm 3\text{dB}$
	Impedance: 2.2KΩ
	Type:Omnidirectional
Battery	Power supply mode: 3.7V lithium-ion battery
	Standard Voltage: 3.7V
	Capacity: 800mAh
	Input: 280mA
	Output: 15mA
Wire	Diameter: 4.3mm
	Temperature resistance: $-10^{\circ}\text{C}$ to $+60^{\circ}\text{C}$
	Material: TPE
Dimensions	193(L)* 95(W)* 200(H)/mm
Weight	364g
Colours	Black-BK



## •Attached

1. C51 Electronic Hearing Protector\*1
2. Type-C data cable\*1
3. User instructions \*1

## •NRR: 26dB

EARMOR C51 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)	12.3	24.7	37.3	35.7	35.2	40.5	34.8	27.0	13.9	<b>26</b>
Standard	1.1	0.3	1.0	1.7	3.1	2.4	4.4	2.8	1.3	

# 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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