



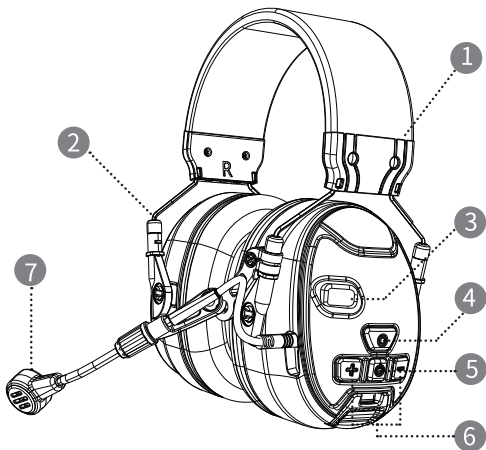
EARMOR®

C51

**ELECTRONIC
HEARING PROTECTOR**

Congratulations and thanks for your choosing EARMOR®
EARMOR® Hearing Protectors designed to protect users from harmful noise.

A)General Description



B) STANDARD ANSI S3.19-1974

EARMOR® C51 Summary Attenuation Data For Hearing Protective Devices According to ANSI S3.19-1974

TEST FREQ.(Hz)	125	250	500	1000	2000	3150	4000	6300	8000	NNR (dB)
MEAN(DB)	18,3	20,5	28,4	35,8	34,7	35,3	37,9	37,1	34,4	24
STD.DEV.(DB)	3.0	2.6	3.0	3.0	3.1	2.7	4.7	2.1	3.4	

B:1 Test Frequency (Hz)

B:2 Mean attenuation (dB)

B:3 Standard Deviation (dB)

B:4 NRR

C) STANDARD EN352-1:2020

EARMOR® C51 Summary Attenuation Data for Hearing Protective Devices according to EN352-1:2020

F(Hz)	63	125	250	500	1000	2000	4000	8000	SNR (dB)
MEANS	23,1	19,2	25,0	31,8	35,0	33,8	40,3	39,5	32
STD.DEV.	3.5	3.5	3.1	3.6	2.7	2.5	3.9	3.3	
MEAN-SD	19,6	15,6	21,8	28,1	32,2	31,3	36,4	36,1	

H84(dB) = 34dB Hm = 35.8 Hs = 2.3

SNRm=34.2

M84(dB) = 30dB Mm = 32.3 Ms = 2.3

SNRs=2.1

L84(dB) = 23dB Lm = 26.2 Ls = 3

size : S,M,L

C:1 Test Frequency (Hz)

C:2 Mean attenuation (dB)

C:3 Standard Deviation (dB)

C:4 MEAN - SD (dB)

C:5 SNR

D) STANDARD EN352-4:2020

L-CRITERION	M-CRITERION	H-CRITERION
106.5 dBA	113.0 dBA	115.3dBA
Minimum Impulse noise	Minimum Impulse noise	Minimum Impulse noise
85 dBA-PASS	85 dBA-PASS	85 dBA-PASS
Minimum Non Impulse noise	Minimum Non Impulse noise	Minimum Non Impulse noise
94 dBA-PASS	96 dBA-PASS	97 dBA-PASS

D:1 L-CRITERION LEVELS

D:2 M-CRITERION LEVELS

D:3 H-CRITERION LEVELS

D:4 Minimum Impulse noise

D:5 Minimum Non Impulse noise

E) STANDARD EN352-6:2020

E:A External electrical safety related audio input

Table 1. Results

Max level	EN352-6:2020
73.2 dBA	PASS

Table 2. EN352-6:2020 Bluetooth output levels

ITU-T P50_F:	Level in muff (dBA)	
1999 (dB FS)	Mean	SD
-35	47.9	0.9
-30	52.8	0.9
-25	57.3	1.2
-20	62.2	1.2
-15	67.2	1.3
-10	72.1	1.1
Max level (Mean + SD)		73.2

E:A External electrical safety related audio input

E:1 Aux Criterion level > 82 dBA

E:2 Bluetooth max level

E:B Input levels exceeding 82 dBA inside headset for test ID Q8078A

E:3 Mean

E:4 SD

E:5 Mean-SD

E:6 mV

F) STANDARD EN352-8:2020

F:A External electrical safety related audio input

Table 1. Results

Max level	EN352-8:2020
74.0 dBA	PASS

Table 2. EN352-8:2020 Bluetooth output levels

IEC 60268-1::	Level in muff (dBA)	
1985 noise (dB FS)	Mean	SD
-35	49.3	1.5
-30	53.2	1.3
-25	58.0	1.2
-20	62.8	1.2
-15	67.8	1.2
-10	72.7	1.2
Max level (Mean + SD)		74.0

F:A External electrical safety related audio input

F:1 Aux Criterion level > 82 dBA

F:2 Bluetooth max level

F:B Input levels exceeding 82 dBA inside headset for test ID Q8079A

F:3 Mean

F:4 SD

F:5 Mean-SD

F:6 mV

G) SIZE RANGE:

S.M.L

Adjusttability							
Height H(mm)	H115	H115	H130	H130	H130	H140	H140
Width W(mm)	W125	W145	W125	W145	W155	W145	W155
Size	S	S/M	S/M	S/M/L	M/L	M/L	L

G:1 Adjustability

G:2 Height H(mm)

G:3 Width W(mm)

G:4 Size

G:5 S

G:6 M

G:7 L

C51 ELECTRONIC HEARING PROTECTOR

EN	01-13
CN	14-26

1. INTRODUCTION

Congratulations and thanks for your choosing EARMOR® tactical communication & hearing protection headset.

1.1 DESCRIPTION

EARMOR® C51 electronic noise reduction headsets can provide hearing protection in noisy environments, and can sense the environment through the sound pickup function. With the wireless function, you can connect to wireless devices for telephone communication, send voice messages or listen to music during work. Suitable for many industries.

Please read, understand, and follow all safety information in these instructions prior to using the communication headset. Retain these instructions for future reference.

1.2 General Description

(Fig.A)

1. Headband
2. Slider
3. Microphone
4. Microphone Pickup
5. Bluetooth Button
6. Power Button
7. Volume Buttons

1.3 Material

Headband : Steel

Ear Cushion: Foam/PU

2. BATTERIES

C51 equipped with built-in rechargeable batteries.

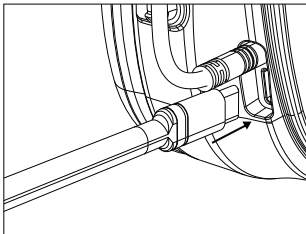
LOW BATTERY CHECKING:

1). Low battery alarm: When the battery voltage is lower than 20%, the low battery alarm will sound "Battery Low". And there will be an indicator light prompt.

2). Low battery shutdown: When the battery voltage is lower than 3.1V, Automatically shut down, sound "Power Off" before shutting down.

CHARGING INSTRUCTION:

Connect the TYPE-C interface through the charging cable for charging. When the headset is in the charging state, the indicator light is red; and when the headset is fully charged, it is green.



NOTE:

Do not open the battery compartment or replace the battery by yourself

3. FITTING INSTRUCTION

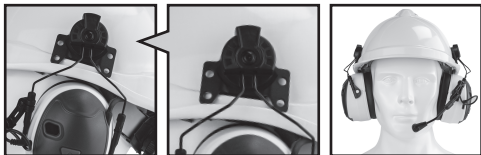
Inspect the hearing protector before each use. If damaged, select an undamaged hearing protector or avoid the noisy environment.

3.1 HEADBAND

- 1.Put the earmuffs in position over your ears, and make sure that the headband is in position across the top of your head.
- 2.Hold the earcup and push the headband wire up or down.

3.2 HELMET ATTACHMENT

1. Insert the helmet attachment in the slot on the helmet and snap it into place.
2. Work mode. To switch the unit from ventilation mode to work mode, press the headband wires inwards until you hear a click on both sides. Make sure that the cups and the headband wires do not press on the edge of the helmet when in work mode as this can cause noise leakage.
3. Ventilation mode. Avoid placing the cups against the helmet as this prevents ventilation.

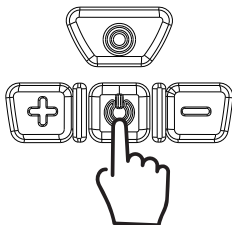


4. OPERATING INSTRUCTIONS

4.1 TO POWER ON/OFF THE HEADSET

Press and hold Power button for two seconds

Enter the noise reduction mode when you hear "Ambient listening Mode".

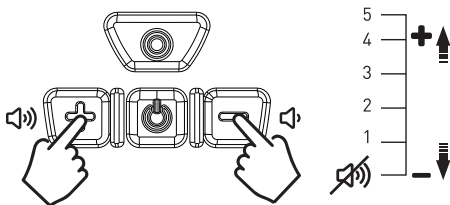


4.2 TO ADJUST THE VOLUME

The device has 5 pickup volume levels.

Press the [+] button to turn up volume. "Dudu" prompt means max volume reached.

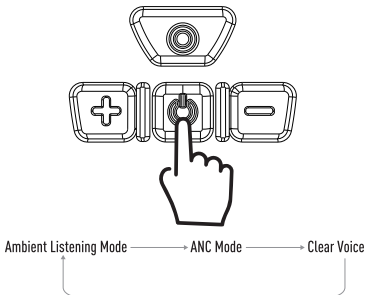
Press the [-] button to decrease volume. "Ambient Listening off" prompt means device muted.



4.3 TO CHANGING AMBIENT MODE

The device has 3 Ambient modes.

Press the Power button to change ambient modes.



4.4 BLUETOOTH® OPERATION

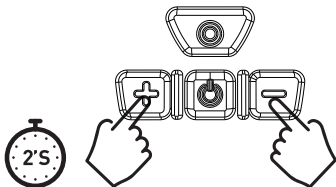
Bluetooth On

Press and hold the Bluetooth button for 2 seconds to turn ON / OFF Bluetooth® mode.

Bluetooth Pairing

1.Establish a Bluetooth® connection between the device and the earphones. The device automatically reconnects when Bluetooth® is turned on.

2.Force pairing mode:Press and hold the [+] and [-] for 2 seconds.



5. IMPORTANT USER INFORMATION

Recommendation that the user should ensure that:

- 1.the earmuffs are fitted, adjusted and maintained in accordance with the manufacturer's instructions;
- 2.the earmuffs are worn at all times in noisy surroundings;
- 3.the earmuffs are regularly inspected for serviceability;

Note: if the recommendations given are not adhered to, the protection afforded by the earmuffs will be severely impaired;

5.1 Operating and storage temperature

Operating temperature: -40°F(-40) to 131°F(55°C)

Storage temperature: -58°F(-50) to 158°F(70°C)

NOTE: Do not store the hearing protector behind a windshield or at temperatures above 158°F(70°C).

5.2 Weight of hearing protector:

C51: 380±10g

5.3 Transport information:

The product is suitable for transport in original packaging.

5.4 Size range:

(Table G)

Table ref.	Description
G:1	Adjustability
G:2	Height H(mm)
G:3	Width W(mm)
G:4	Size
G:5 S	Indicates earmuffs of 'small' size range.
G:6 M	Indicates earmuffs of 'medium' size range.
G:7 L	Indicates earmuffs of 'large' size range.

NOTE: These earmuffs complying with EN 352-1 are of 'medium size range', 'small size range' or 'large size range'. 'Medium size range' earmuffs will fit the majority of users. 'Small size range' or 'large size range' earmuffs are designed to fit users for whom 'medium size range' earmuffs are not suitable. Cleaning and maintenance

5.5 Cleaning and maintenance

Use a wet cloth with soap and warm water to clean the outer shells, headband and ear cushions.

NOTE:

Do NOT immerse the hearing protector in water. Certain chemical substances may damage this product. Contact the manufacturer for more information.

For the best protection, ear cushion sealing ring should seal firmly against head. Anything that interferes with the seal - such as long hair (pull back to the extent possible), thick or poorly fitting eyeglass temples, pencils or caps - will lessen the protection.

The ear cushions and foam liners may deteriorate with use and should be examined at regular intervals for cracking and leakage. Typical life for foam cushion sealing rings is 12 months. If an ear cushion is damaged, it should be replaced. See Spare Parts Section below.

5.6 Removing and replacing the ear cushions

1. Slide your fingers under the edge of the ear cushion and firmly pull straight out.
2. Insert the cushion.
3. Fit one side of the ear cushion into the groove of the ear cup and then press on the opposite side until ear cushion snaps in place.

5.7 Spare parts and accessories

Ear Cushions: C04010034

Foam Liners: C04020006

Detachable Microphone: S10D



WARNING

- 1) To reduce the risks associated with harmful noise or chemicals: If instructions are not followed, bodily injury may result or protection may be severely affected;
- 2) When interference increases or the sound level becomes too weak, it is time to change the batteries;
- 3) Remove the batteries before you store the headset for long periods of time. A leaking battery may cause bodily injury or damage to the hearing protector;
- 4) These hearing protectors help reduce exposure to hazardous noise and other loud sounds. Misuse or failure to wear hearing protectors at all times when you are exposed to noise may result in hearing loss or injury;
- 5) If there is any drainage from your ear or if you have an ear infection, consult with your physician before wearing hearing protection. Failure to do so may result in hearing loss or

Injury;

6) The product may be adversely affected by certain chemical substances. Refer to the manufacturer for further information.”;

7) Earmuffs, and in particular cushions, may deteriorate with use and should be examined at frequent intervals for cracking and leakage.

8) Fitting of hygiene covers to the cushions may affect the acoustic performance of the earmuffs;

9) The earmuff is provided with level-dependent attenuation, safety-related audio input. please check correct operation before use. If distortion or failure is detected, please refer to the manufacturer's advice for maintenance ;

10) Please note that the performance may deteriorate with battery usage and the typical period of continuous use that can be expected from the earmuff batteries, when fully charged. Please ref. BATTERIES.

11) The output of the audio circuit of this hearing protector may exceed the exposure limit level.

12) The product shall not be used if it can't be ensured that the input voltage doesn't exceed the maximum value stated in APPROVALS EN352-8:2020 table 1

For proper use, see user instructions or contact EARMOR Technical Service via Email: cs@dearmor.com

TO REDUCE THE SAFETY RISK WHEN USING THE PRODUCT

- Only use the specified type of battery provided by OPSMEN.
- If the headset is not to be used for a long time, please remove the batteries to prevent leakage that may damage the headset or cause personal injury.
- If the microphone or any accessory is damaged or malfunctioning, please cease usage immediately.
- Contact OPSMEN official after-sales mailbox cs@dearmor.com for maintenance service

6. APPROVALS

OPSMEN TECH CO., LTD. declares that the PPE type headset is in compliance with Regulation (EU) 2016/425, Regulation(EC) No 765/2008 and other appropriate directives to fulfill the requirements for the CE marking.

The applicable legislation can be determined by reviewing the Declaration of Conformity (DoC) at <https://www.earmor.com/category/certificates/>.

These PPE products are followed the conformity assessment procedures as EU type-examination (module B) and conformity to type based on quality assurance of the production process (module D). they are audited annually and type approved by BSI Group The Netherlands B.V., Notified Body No.2797, the address is Say Building, John M. Keynesplein 9, 1066 EP Amsterdam, Netherlands

EARMOR C51 have been tested and approved in accordance with ANSI S3.19-1974, EN 352-1:2020/EN 352-4:2020, EN 352-6:2020, EN 352-8:2020.

6.1 ANSI S3.19-1974

(Table B)

B1: F=Frequency

B2: Mean Value (dB)

B3: Standard Deviation (dB)

(Table C)

C1: Test frequency

C2: MEANS and SID.DEV.: Mean value and standard deviation at each test frequency

C3: MEAN-SD: APV-value at each test frequency in accordance with EN ISO 4869-2:2018 with the parameter = 1

C4: H-, M- and L-: Values in accordance with EN ISO 4869-2:2018 with the parameter = 1

C5: SNR: SNR-value in accordance with EN ISO 4869-2:2018 with the parameter = 1

C6: Hm, Mm and Lm/Hs, Ms and Ls: The mean values Hm, Mm and Lm calculated in accordance with EN ISO 4869-2:2018 and the corresponding standard deviations Hs, Ms and Ls

C7: SNRm, SNRs: The mean value SNRm calculated in accordance with EN ISO 4869-2:2018 and the corresponding standard deviation SNRs.

6.3 EN352-4:2020

(Table D)

D:1: L-CRITERION LEVELS

D:2: M-CRITERION LEVELS

D:3: H-CRITERION LEVELS

D:4: Minimum Impulse noise

D:5: Minimum Non Impulse noise

STATEMENT:

1) The earmuff is provided with level-dependent attenuation. The user should check correct operation before use. If distortion or failure is detected, the user should refer to the manufacturer's advice for maintenance.

2) Please note that the performance may deteriorate with battery usage and the typical period of continuous use that can be expected from the earmuff batteries, when fully charged. Please charge the battery regularly. Please ref. INSTRUCTIONS: BATTERIES

6.4 EN352-6:2020

(Table E)

E:A External electrical safety related audio input

E:1 Aux Criterion level > 82 dBA

E:2 Bluetooth max level

E:B Input levels exceeding 82 dBA inside headset for test ID Q8078A

E:3 Mean

E:4 SD

E:5 Mean-SD

E:6 mV

STATEMENT:

1) The earmuff is provided with safety-related audio input. The user should check correct operation before use. If distortion or failure is detected, the user should refer to the manufacturer's advice for maintenance.

2) the output of the audio circuit of this hearing protector may exceed the exposure limit level.

NOTE: Further guidance on how to use the information in above table can be found in EN 458:2016, 6.2.3.5 and Annex E.

6.5 EN352-8:2020

(Table F)

F:A External electrical safety related audio input

F:1 Aux Criterion level > 82 dBA

F:2 Bluetooth max level

F:B Input levels exceeding 82 dBA inside headset for test ID Q8079A

F:3 Mean

F:4 SD

F:5 Mean-SD

F:6 mV

WARNING:

The product shall not be used if it can't be ensured that the input voltage doesn't exceed the maximum value stated in table 1.

STATEMENT:

The audibility of warning signals at a specific workplace may be impaired while using the entertainment facility. The part number of your headset can be found at the bottom of one of the cups.

7. EN 352 SAFETY INFORMATION

- The output of the level-dependent circuit of the hearing protector may exceed the external sound level.
- Installing the sanitary cover on the cushion may affect the acoustic performance of the earmuffs.
- Performance will decrease with battery consumption. The expected continuous use time of the battery is approximately 32 hours.
- Maybe adversely affected by certain chemical substances. More information can be get from the manufacturer.



This product contains electrical and electronic components and must not be disposed of using standard garbage collection. Please consult your local electrical and electronic equipment disposal instructions.

8. TO REDUCE THE RISKS ASSOCIATED WITH HARMFUL NOISE

- Listening to music or audio communication may reduce situational awareness and the ability to hear warning signals. Stay alert and adjust the volume to the lowest acceptable level.
- Use and maintain the hearing protector properly. Check the hearing protector before each use. If it is damaged, please choose an undamaged hearing protector or avoid a noisy environment.
- Do not bend or reshape the headband, and ensure that there is enough clamping force to fix the earmuffs.

- Earmuffs must be regularly inspected for cracks and leaks to be worn properly, replaced as needed.
- The output of the electronic audio circuit of this hearing protector may exceed the daily limit sound level. Please adjust the audio volume to the lowest acceptable level

9. 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. Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, 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 determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help. The device has been evaluated to meet general RF exposure statement.

The device can be used in portable exposure condition without restriction

FCC ID:2A4IK-C51

10. AUDIO INPUT LEVEL

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

11. SPECIFICATIONS

Life time: 32 hours

Battery capacity: 800mAh

Charging current: 280mA

Use current: 15mA (70% volume Wireless music playback operating current)

Working temperature: -40C° to 55C°

Storage temperature (full set): -50C° to 70 C°

Charging temperature: 0C° to 50 C°

Protection level: IP42

12. CE COMPLIANCE STATEMENT

We, EARMOR®, declare under our sole responsibility that the EARMOR® Headset complies with the essential requirements and provisions of the applicable European Union (EU) Directives and harmonized standards.

The product has been tested and approved in accordance with
EN 352-1:2020, EN 352-4:2020, EN 352-6:2020, EN 352-8:2020.

13. WARRANTY

EARMOR® C51 Headset 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.

14. CONTACT

For the latest information on EARMOR® products and services

Please contact a local distributor or email: info@earmor.com / cs@earmor.com

EARMOR® official website <http://earmor.com/> shall prevail in case of any product data changes.

1. 介绍

感谢您选择EARMOR®听力保护耳机。

1.1 用途

EARMOR® C51电子噪音减少耳机可以在嘈杂环境中提供听力保护，并通过声音接收功能感知环境。通过无线功能，您可以连接无线设备进行电话通讯，在工作期间发送语音消息或听音乐。适用于各类行业的广泛需求。

在使用通讯耳机之前，请阅读、理解并遵守本说明中的所有安全信息。请保存本说明以备将来参考。

1.2 概述

(Fig.A)

1. 头带
2. 支架
3. 麦克风
4. 拾音麦克风
5. 蓝牙按钮
6. 电源按钮
7. 音量旋钮

1.3 材料

头带：不锈钢

耳垫：泡沫/PU

2. 电池

C51配备了内置可充电电池

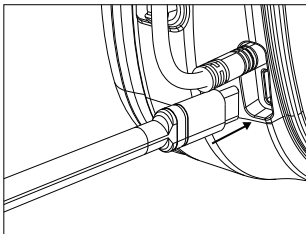
低电量提示:

低电量警报：当电池低于20% 时，会发出低电量提示音发出，并且会有指示灯提示。

低电量自动关机：当电池电压过低时，会自动关机，会有提示音提示。

充电:

通过充电线连接TYPE-C接口进行充电。耳机处于充电状态时，指示灯为红色；充电完成后为绿色。



注意:

请勿自行打开电池仓或更换电池。

3. 佩戴

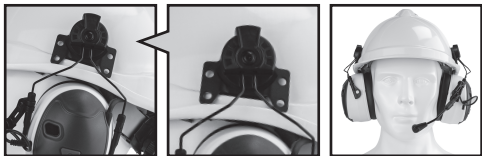
每次使用前检查听力保护器。如果损坏，请选择未损坏的听力保护器或避免嘈杂的环境。

3.1 头戴

- 1.将耳罩放在耳朵上，并确保头带横跨在头顶上。
- 2.握住耳罩，将头带线条向上或向下推动。

3.2 头盔佩戴

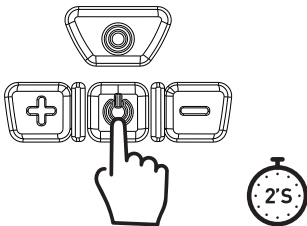
1. 将头盔附件插入头盔上的槽位，并将其按入固定位置。
2. 工作时，请将头带支架铁丝条向内按压，直到两侧听到“咔哒”声音。确保在工作时，耳罩和头带线条不要压在头盔边缘，以防止噪音泄漏。
3. 通风时。避免将耳罩紧靠在头盔上，以免影响通风。



4. 操作说明

4.1 开关机

按住电源按钮两秒钟来开启或关闭耳机。

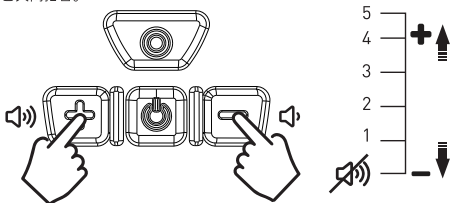


4.2 调节音量

设备有五级音量可调。

增加音量：按[+]按钮增加音量。听到“嘟嘟”声表示已达到最大音量。

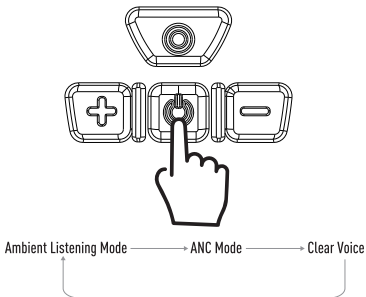
减少音量：按[-]按钮减少音量。听到“ Ambient Listening off”提示表示设备已关闭拾音。



4.3 切换拾音模式

耳机有三种拾音模式可切换

开机后单击电源按键可切换模式



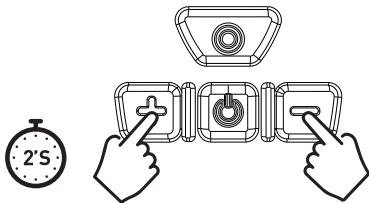
4.4 蓝牙® 操作

打开蓝牙

按住蓝牙按钮2秒钟来开启或关闭蓝牙®模式。

蓝牙配对

- 1.在设备和耳机之间建立蓝牙®连接。当蓝牙®开启时，设备会自动重新连接。
- 2.强制重新配对：在蓝牙打开后，同时按住[+]和[-]按钮2秒钟。



5. 重要用户信息

建议用户确保：

- 1)耳机按照制造商的说明进行安装、调整和维护；
 - 2)在嘈杂的环境中一直佩戴耳机；
 - 3)定期检查耳机的可用性；
- 注意：如果不遵守上述建议，耳机提供的保护将严重受损；

5.1 工作储存温度

工作温度: -40°F(-40) to 131°F(55°C)

储存温度: -58°F(-50) to 158°F(70°C)

注意：请勿将耳机放在挡风玻璃后或超过158°F(70°C)的温度下。

5.2 重量:

C51: 380±10g

5.3 运输信息:

产品适合在原包装中进行运输。

5.4 尺寸范围:

(Table G)

标号	描述
G:1	可调性
G:2	高度 H(mm)
G:3	宽度 W(mm)
G:4	尺寸
G:5 S	表示耳罩为“小号”尺寸范围
G:6 M	表示耳罩为“中等”尺寸范围
G:7 L	表示耳罩为“大号”尺寸范围

注意：符合EN 352-1标准的这些耳罩属于“中等尺寸范围”，“小号尺寸范围”或“大号尺寸范围”。大多数用户适合使用“中等尺寸范围”的耳罩。“小号尺寸范围”或“大号尺寸范围”的耳罩设计用于那些不适合“中等尺寸范围”的用户。

5.5 清洁和维护

使用湿布蘸有肥皂和温水清洁外壳、头带和耳垫。

注意：

请勿将听力保护器浸入水中。某些化学物质可能会损坏此产品。如需更多信息，请联系制造商。

为了获得最佳的保护效果，耳垫密封环应紧密贴合头部。任何影响密封的因素（如长发，请尽量扎起；厚或不合适的眼镜眼镜腿；铅笔或帽子）都会降

低保护效果。

耳垫和泡沫衬垫会随着使用而磨损，应定期检查是否有裂纹和泄漏。泡沫垫密封环的典型寿命为12个月。如果耳垫损坏，应更换。请参阅下面的配件部分。

5.6 更换耳垫

1. 将手指滑入耳垫边缘下方，然后牢固向外拉出。
2. 插入新的耳垫。
3. 将耳垫的一侧放入耳罩的槽中，然后按压另一侧，直到耳垫卡入固定位置。

5.7 配件

耳垫：C04010034

泡沫衬垫：C04020006

可拆卸麦克风：S10D



警告

1. 为了减少与有害噪音或化学物质相关的风险：如果不遵循说明，可能会导致身体受伤或保护效果严重受损；
2. 当耳机拾音干扰增加或声音级别变弱时，请更换电池；
3. 长时间存放耳机前，请取出电池。漏液的电池可能导致身体受伤或损坏听力保护器；
4. 这些听力保护器有助于减少暴露在危险噪音和其他高分贝声音的听力损伤。在暴露于噪音时误用或不佩戴听力保护器可能导致听力损失或伤害；
5. 如果耳部有任何不适或感染，请在佩戴耳机前咨询相关医生，以免造成听力受损或丧失；
6. 该产品可能会受到某些化学物质的不利影响。有关进一步的信息，请参阅制造商；
7. 耳罩，特别是耳垫，可能会因使用而退化，应经常检查是否有裂纹和泄漏；
8. 安装卫生罩到耳垫上可能会影响耳罩的声学性能；

- 9.耳罩配备了级别相关的衰减和安全相关的音频输入。使用前请检查正确操作。如果发现失真或故障，请参考制造商的维护建议；
- 10.请注意，随着电池使用，耳罩性能可能会下降。在充满电的情况下，可以预期的连续使用时间，请参阅电池部分；
- 11.此听力保护器的音频电路输出可能超过暴露限制水平；
- 12.如果不能确保输入电压不超过EN352-8:2020表1中规定的最大值，则不得使用该产品。

如需正确使用，请参阅用户说明书或通过电子邮件联系EARMOR技术服务：cs@earmor.com。

为了降低使用产品时的安全风险，请遵循以下建议：

- 只使用OPSMEN提供的指定类型电池。
- 如果耳机长时间不使用，请取出电池，以防漏液损坏耳机或造成个人伤害。
- 如果麦克风或任何配件损坏或出现故障，请立即停止使用。
- 如需维护服务，请联系OPSMEN官方售后邮箱cs@earmor.com。

6. 认证信息

OPSMEN TECH CO., LTD.声明，该个人防护装备（PPE）类型的耳机符合《欧盟法规2016/425》，《欧盟委员会法规765/2008》及其他适用的指令，以符合CE标志的要求。

适用的法规可以通过查阅符合性声明（DoC）来确定，网址为<https://www.earmor.com/category/certificates/>。

这些PPE产品按照EU类型审查（模块B）和基于生产过程质量保证的型式符合性（模块D）的审查程序进行，每年进行审核，并由荷兰BSI集团（BSI Group The Netherlands B.V.，通知机构编号2797）进行型式认证，地址位于荷兰阿姆斯特丹John M. Keynesplein 9号Say Building

EARMOR C51D已根据以下标准进行测试和批准：

ANSI S3.19-1974, EN 352-1:2020/EN 352-4:2020, EN 352-6:2020, EN 352-8:2020.

6.1 ANSI S3.19-1974

(表 B)

B1: F=频率

B2: 平均值 (dB)

B3: 标准偏差 (dB)

(表 C)

C1: 测试频率

C2: MEANS and SID.DEV.: 每个测试频率的平均值和标准偏差

C3: MEAN-SD: 每个测试频率的APV值, 符合EN ISO 4869-2:2018, 参数=1

C4: H-, M- 和 L-: 符合EN ISO 4869-2:2018的数值, 参数=1

C5: SNR: 符合EN ISO 4869-2:2018的SNR值, 参数=1

C6: Hm, Mm 和 Lm/Hs, Ms 和 Ls: 根据EN ISO 4869-2:2018计算的平均值 Hm, Mm 和 Lm, 以及相应的标准偏差Hs, Ms 和 Ls

C7: SNRm, SNRs: 根据EN ISO 4869-2:2018计算的平均值SNRm及相应的标准偏差SNRs.

6.3 EN352-4:2020

(表 D)

D:1: L-标准级别

D:2: M-标准级别

D:3: H-标准级别

D:4: 最小脉冲噪声

D:5: 最小非脉冲噪声

声明:

该耳罩具有级别相关衰减功能。用户在使用前应检查其正常运行。如果发现失真或故障, 请参考制造商的维护建议。

请注意, 电池使用可能会影响性能, 并且在充满电时可以预期的连续使用时间。请定期充电。详见说明书电池章节

6.4 EN352-6:2020

(表 E)

E:A 外部电气安全相关音频输入

E:1 Aux 标准级别 > 82 dBA

E:2 蓝牙最大级别

E:B 头戴式耳机内部测试ID Q8078A超过82 dBA的输入级别

E:3 平均值

E:4 标准偏差

E:5 平均值-标准偏差

E:6 毫伏

声明:

该耳罩配备了与安全相关的音频输入。用户在使用前应检查其正常运行。如果发现失真或故障，请参考制造商的维护建议。

该听力保护器的音频电路输出可能超出暴露限制水平。

注意:

如何使用上表信息的进一步指导可参考EN 458:2016的6.2.3.5和附录E。

6.5 EN352-8:2020

(表 F)

E:A 外部电气安全相关音频输入

F:1 Aux 标准级别 > 82 dBA

F:2 蓝牙最大级别

F:B 头戴式耳机内部测试ID Q8079A超过82 dBA的输入级别

F:3 平均值

F:4 标准偏差

F:5 平均值-标准偏差

F:6 毫伏

警告:

产品若不能确保输入电压不超过表1中规定的最大值，则不应使用。

声明:

在使用娱乐设施时，特定工作场所的警告信号的听觉性能可能会受到影响。

您的耳机型号编号可以在其中一个耳罩底部找到。

7. EN 352 安全信息

- 听力保护器的级别相关电路输出可能超过外部声音水平。
- 在耳罩垫上安装卫生罩可能影响耳罩的声学性能。
- 随着电池消耗，性能将下降。电池的预期连续使用时间约为32小时。
- 可能会受到某些化学物质的不利影响。更多信息请向制造商获取。



本产品包含电气和电子组件，不能使用标准垃圾收集进行处置。请咨询当地的电气和电子设备处置说明。

8. 为减少有害噪音风险

- 听音乐或进行音频通讯可能降低环境感知和警告信号的听觉能力。保持警觉，并将音量调整到最低可接受水平。
- 正确使用和保养耳机。每次使用前检查听力保护器。如果损坏，请选择完好的听力保护器或避免噪音环境。
- 不要弯曲或重新塑造头带，确保足够的夹紧力以固定耳罩。
- 必须定期检查耳罩是否有裂纹和泄漏，需要时更换。
- 该听力保护器的电子音频电路输出可能超过每日限制声音水平。请将音频音量调整到最低可接受水平。

9. FCC 警告

本设备符合FCC规则第15部分。操作需满足以下两个条件：（1）本设备不得造成有害干扰，（2）本设备必须接受接收到的任何干扰，包括可能导致不良操作的干扰。任何未经授权的更改或修改可能会取消用户操作设备的授权。

注意：本设备经过测试并符合FCC规则第15部分关于类B数字设备的限制。这些限制旨在提供对住宅安装中有害干扰的合理保护。此设备产生、使用并能够辐射无线电频能量，如果未按照说明安装和使用，可能会对无线通信造成有害干扰。然而，无法保证在特定安装环境中不会发生干扰。

如果此设备确实对无线电或电视接收造成有害干扰，用户被鼓励通过以下一种或多种措施尝试纠正干扰：

重新定位或移动接收天线。

增加设备与接收器之间的距离。

将设备连接到与接收器不同的电路插座。

咨询经销商或经验丰富的无线电/电视技术人员寻求帮助。该设备已经评估符合一般的射频暴露声明。

设备可以在便携式暴露条件下无限制地使用。

FCC ID:2A4IK-C51

10. 音频输入电平

耳机中的音频电平取决于音频输入电平。为防止有害噪音水平，当连接到个人音乐播放器（PMP）时，听力保护器的音频电平限制为82dB。如果听力保护器连接到具有非常高输出电平的PMP或其他设备，则用户有责任将音频输入电平设置为安全水平。

11. 规格

使用时间：32小时

电池容量：800mAh

充电电流：280mA

使用电流：15mA（70%音量下的无线音乐播放工作电流）

工作温度：-40摄氏度至55摄氏度

存储温度（整套设备）：-50摄氏度至70摄氏度

充电温度：0摄氏度至50摄氏度

防护等级：IP42

12. CE 合规性声明

我们，EARMOR®，在我们的唯一责任下声明，EARMOR®耳机符合适用的欧盟（EU）指令和协调标准的基本要求和规定。

该产品已根据以下标准进行测试和批准：

EN 352-1:2020, EN 352-4:2020, EN 352-6:2020, EN 352-8:2020。

13. 保修

EARMOR® C51耳机从原始购买日期起，保修期为1年，保证材料和工艺没有缺陷。

以下情况将使保修无效：

- 1.产品被未经授权的第三方拆解、重建或修改。
- 2.产品因不当使用而损坏。

联系我们

关于 EARMOR® 产品和服务的最新信息请联系当地经销商或发送电子邮件：

info@earmor.com / cs@earmor.com

如有任何产品数据变化，请以官网信息为准：EARMOR® 官方网站：

www.earmor.com.

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