

PLUGFONES

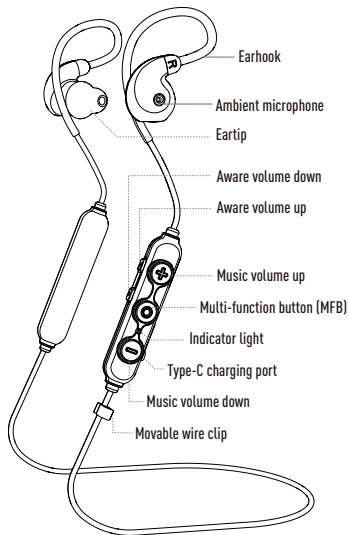


M200T

IN-EAR BLUETOOTH
HEARING PROTECTION

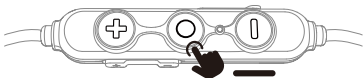
Congratulations and thanks for your choosing Plugphones
Plugphones Hearing Protectors designed to protect users from
harmful noise.

Overview



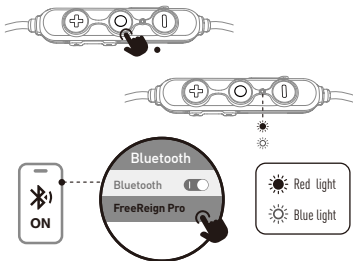
Operation instructions

Power ON/OFF



- Long press [Multi-Function Button] 2 seconds to turn on the unit. the indicator flashes blue and you will hear "POWER ON" and "Pairing".
- Long press [Multi-Function Button] 2 seconds to turn off the unit. The indicator flashes red light 3 time and you will hear "POWER OFF".
- Automatically shuts down if there is no key operation, Bluetooth call or music playback within two hours. The indicator flashes red light 3 time and you will hear "POWER OFF"

Bluetooth Mode

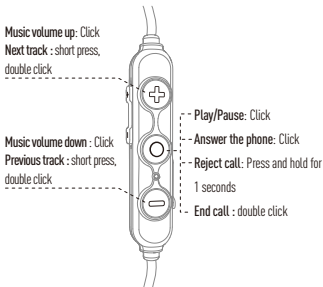


- Click the MFB to enter the Bluetooth pairing mode when powered on, the indicator light blue.
- The unit Bluetooth pairing name is FreeReign Pro.
- You will hear "Connected" after Bluetooth connected successfully.
- The unit will connect back the last device automatically.
- Under connected the other devices, long press [Music volume down Button] 5 seconds to clear the Bluetooth pair list.
- If no connection with a paired device. The unit will switch off after 5 mins.

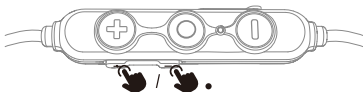
Bluetooth Disconnect

- Bluetooth will disconnect when the distance exceeds 18 meter, and you will hear "disconnect", the indicator light blue.
- The unit will enter pairing mode if it does not reconnect after 1 minute, the indicator light flashes blue quickly.

Music & phone calls operation



Ambient listening volume



Aware volume up : Click the Aware volume up

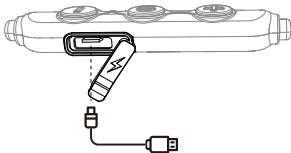
Aware volume down: Click the Aware volume down

Turn off ambient listening volume : click the aware volume down to minimum

Operation is disabled in Quiet mode

Disable ambient sound pickup at minimum volume.

Charging



- Use the Type-C cable to connect the charging port to the power supply
- During charging: the red light remains on
- Fully charged: the red light turns off

Specifications

Version	V5.3
Battery	150mAh
Sound Pickup Characteristics	Omnidirectional
Speak size	6mm
Storage temperature range	-50°C~70°C

Material

Shell: ABS

Eartips: PU

Description

Plugfones M200T is designed for protecting hearing in noisy environments. It helps you clearly hear the ambient sounds around you and maintain good communication. The earplugs adopts an in-ear hook and neck hanging design, making it more stable to wear and not easily take off. Featured Bluetooth, it allows you freely listen to music and answer/reject calls even in a noise-canceling mode. The multi-function button design allows you to easily adjust the volume of music, switch between tracks, answer, hang up, or reject calls.

Safety information

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

Important user information

Recommendation that the user should ensure that:

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

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

Operating and storage temperature

Operation temperature: -40°C to $+50^{\circ}\text{C}$

Storage temperature: -50°C to $+70^{\circ}\text{C}$

NOTE: Do not store the hearing protector behind a windshield or at temperatures above $+70^{\circ}\text{C}$

Weight of hearing protector: $20 \pm 10\text{g}$

Transport information

The product is suitable for transport in original packaging.

Cleaning and maintenance

Use a wet cloth with soap and warm water to clean EARMOR® M200T

NOTE:

Foam eartips are re-usable. To ensure optimal performance, we recommend replacing them every three months or whenever they become dirty.

Regularly inspect the foam eartips for signs of aging, cracking, or other damage. The eartips can be cleaned between uses with a damp cloth and water. Over time, the eartips should be replaced.

Removing and replacing the eartips

- 1) To remove the eartips, unscrew the eartips and take them out
- 2) Screw the new eartips into the headset bar

Spare parts and accessories

Eartips: F0300010001/F0300010002/F0300010003

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 charge;
- 3) 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;
- 4) 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;
- 5) The product may be adversely affected by certain chemical substances. Refer to the manufacturer for further information.";
- 6) Regularly inspect the foam earplugs for signs of aging, cracking, or other damage;
- 7) To ensure peak performance, we recommend replacing the earplugs every three months or when they become soiled;
- 8) The earplugs 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.
- 9) 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 EN352-10:2020 table 1;
- 10) The audibility of warning signals at a specific workplace may be impaired while using the entertainment facility.

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.

Plugfones M200T Attenuation data, American National Standards Institute specifications: ANSI S3.19-1974

TEST FREQ.[Hz]	125	250	500	1000	2000	3150	4000	6300	8000	NRR(dB)
MEANS	29.8	30.8	30.3	30.9	36.3	38.2	38.3	43.1	40.5	26
STD.DEV	3.9	2.4	2.5	2.4	3.1	3.1	2.9	2.8	2.7	

Plugfones M200T have been tested and approved in accordance with
EN 352-2:2020 / EN 352-7:2020 / EN 352-9:2020 / EN 352-10:2020

EN352-2:2020

M200T Summary Attenuation Data for Hearing Protective Devices EN352-2:2020

TEST FREQ.[Hz]	63	125	250	500	1000	2000	4000	8000	SNR(dB)
MEANS	30.8	29.8	32.2	31.8	30.4	33.7	36.2	42.3	32
STD.DEV	4.3	2.9	3.0	3.1	3.3	2.6	2.1	3.6	
MEAN-SD	26.5	26.9	29.2	28.7	27.1	31.1	34.1	38.7	

Size : S,M,L

H84(dB) = 32dB	Hm = 34.0	Hs = 2.0	SNRm = 34.0
M84(dB) = 29dB	Mm = 31.5	Ms = 2.5	SNRs = 2.1
L84(dB) = 29dB	Lm = 31.3	Ls = 2.5	

TEST FREQ.[Hz]: Test frequency
MEANS and STD.DEV.: Mean value and standard deviation at each test frequency
MEAN-SD: APV-value at each test frequency in accordance with EN ISO 4869-2:2018 with the parameter $\alpha = 1$
H-, M- and L-: Values in accordance with EN ISO 4869-2:2018 with the parameter $\alpha = 1$
SNR: SNR-value in accordance with EN ISO 4869-2:2018 with the parameter $\alpha = 1$
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
SNRm, SNRs: The mean value SNRm calculated in accordance with EN ISO 4869-2:2018 and the corresponding standard deviation SNRs.

EN 352-7:2020

Table 1. EN352-7:2020 results for Test ID Q8944A

H-criterion	M-criterion	L-criterion
> 115 dBA	113.0 dBA	113.8 dBA
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
97 dBA-NA	96 dBA-PASS	94 dBA-PASS

EN352-9:2020

Table 1. DFE corrected maximum Bluetooth output levels transmitting ITU-T P50_F:1999 noise in accordance with EN352-9:2020

Bluetooth profile	DFE at -14 dB FS	Criterion level >82 dB	Usage time -14 dB FS
Stereo	72.6 dBA	NA	>8 hours

EN352-10:2020

Table 1. DFE corrected maximum Bluetooth output levels transmitting IEC 60268-1:1985 noise in accordance with EN352-10:2020

Bluetooth profile	DFE at -14 dB FS	Criterion level >82 dB	Usage time -14 dB FS
Stereo	71.3 dBA	NA	>8 hours

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.

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.

Note: The Grantee is not responsible for any changes or modifications not expressly approved by the party responsible for compliance. Such modifications could void the user's authority to operate the equipment.

The device has been evaluated to meet general RF exposure requirement.

The device can be used in portable exposure condition without restriction.

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 level 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.

WARRANTY

Plugfones M200T 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.

Production date: see the packaging

PLUGFONES

CE₂₇₉₇
EN352

FCC

RoHS

Bluetooth®

