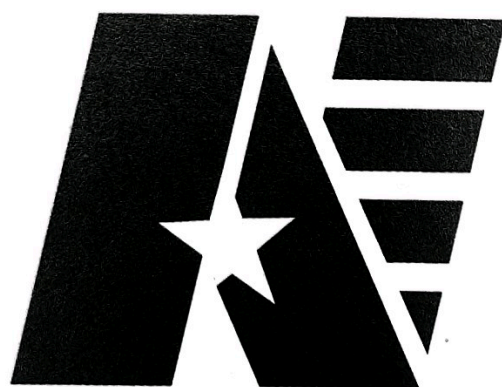
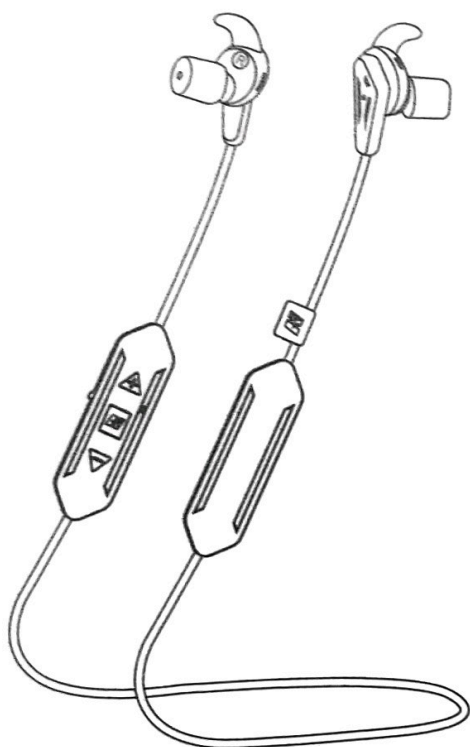




**ARM NEXT**

**Model: N10**





# N10

## IN-EAR BLUETOOTH HEARING PROTECTION

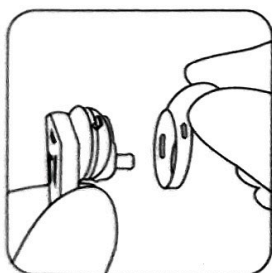
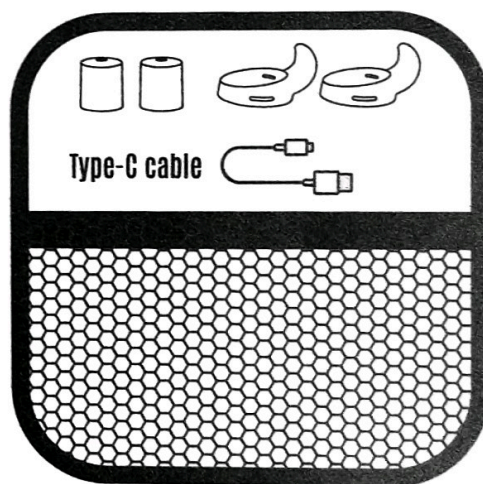
Thank you for your purchase! There are accessories in the storage bag



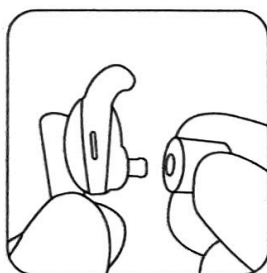
Eartips (S/M/L)



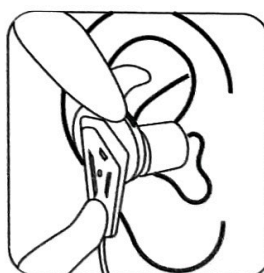
Ear muffs (S/M/L)



**Choose the appropriate ear cups and install them on the headphones.**



**Select the appropriate size of eartips and screw them onto the earplug stems.**

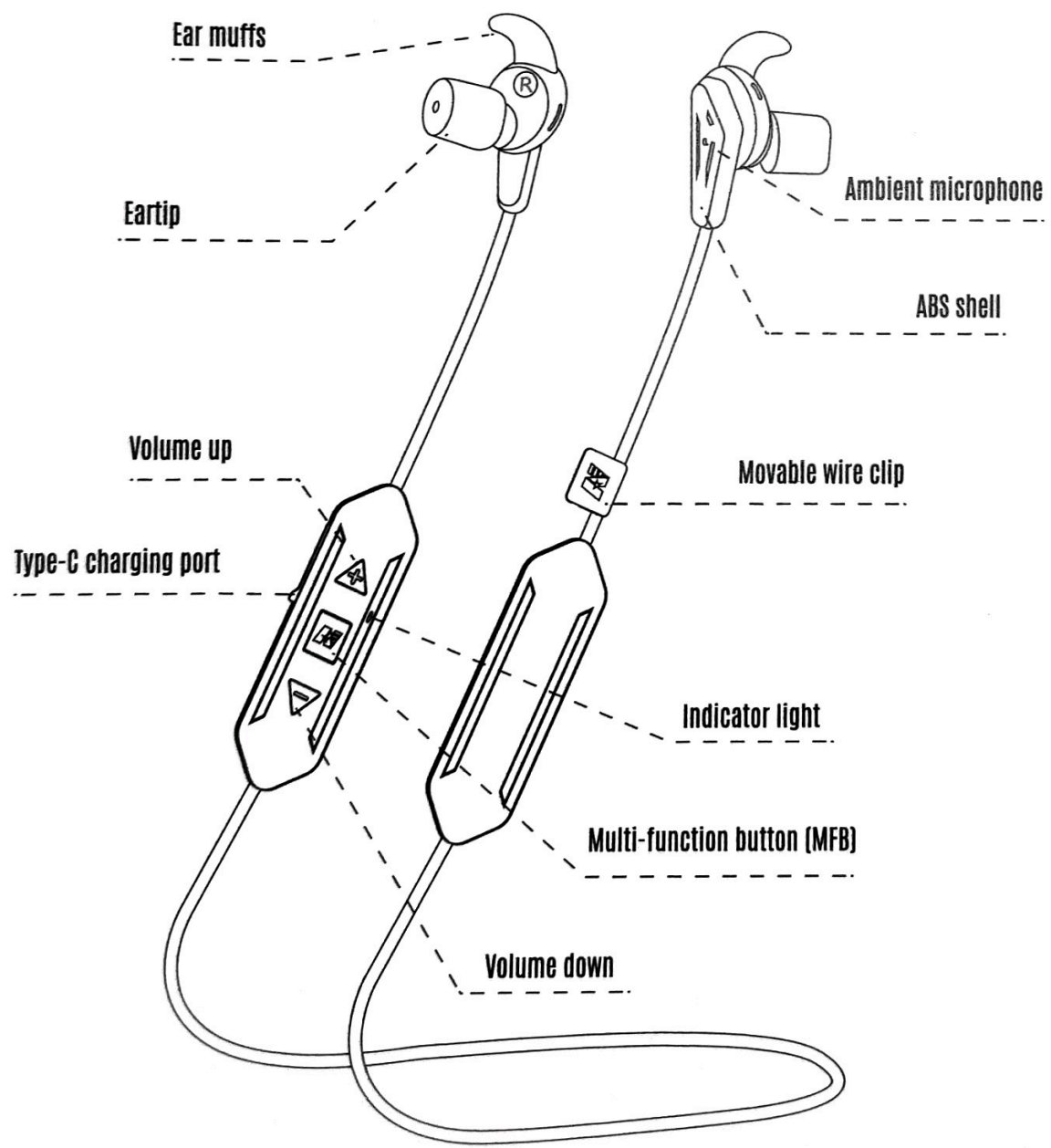


**Squeeze the eartips to compress them. Gently lift your ear upward and insert the eartips into your ear canal.**



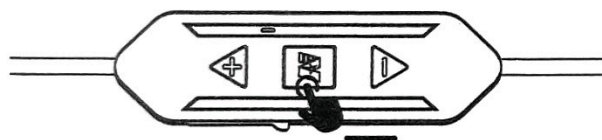
**Hold the eartips in place for 30 seconds before releasing.**

# Overview



# Operation instructions

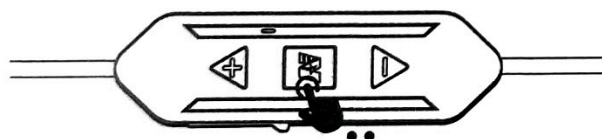
## Power ON/OFF



**POWER ON** Press and hold MFB for 2 seconds

**POWER OFF** Press and hold MFB for 2 seconds

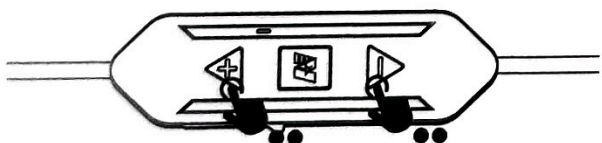
## Sound pickup and Bluetooth volume control Music control



Click pause or continue playing the music

Double-click to wake up the voice assistant

In music mode, the pickup mode automatically pauses.



Double-click on the previous or next song

Click on volume up or down

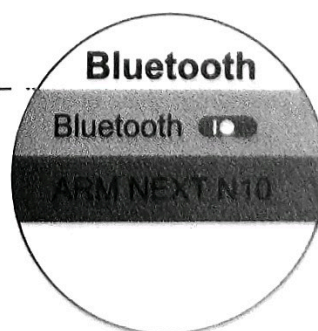
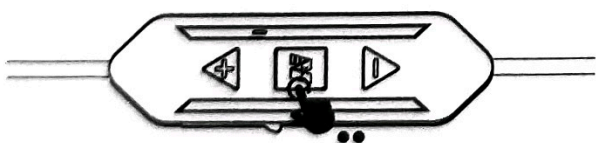
Increase or decrease the pickup volume

Long press to increase or decrease the volume

Increase or decrease the Bluetooth playback volume

The music mode and the pickup mode cannot work simultaneously. When one mode is running, the other will automatically stop.

## Bluetooth Mode



- Click the MFB to enter the Bluetooth pairing mode when powered on, the indicator light flashes white and green alternately
- The identification on the device will be "ARM NEXT N10"
- You will hear the prompt after Bluetooth connected successfully
- The unit will connect back the last device automatically

## Music & phone calls operation

Double-click the next song  
 Music volume up: click and hold  
 Sound pick volume up: click

Double-click the previous song  
 Music volume down: Click and hold  
 sound pick volume down: click



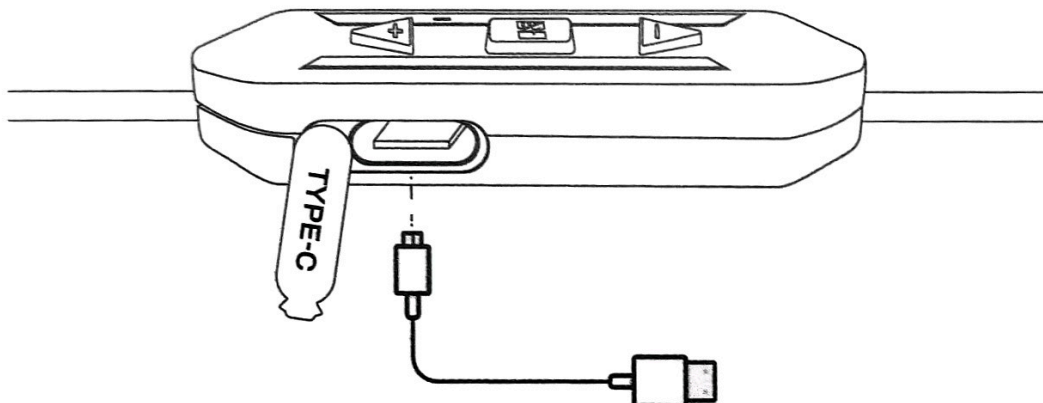
Play/Pause: Click once

Answer the phone / End call: Click

Reject call: Press and hold for 2 seconds

Double-click to wake up the voice assistant

## Charging



- Use the Type-C cable to connect the charging port to the power supply
- During charging: The white light flickers.
- Fully charged: Green constant light.

## Specifications

|                  |               |
|------------------|---------------|
| Version          | Bluetooth 5.4 |
| Battery          | 300mAh        |
| Standby time     | 100hours      |
| Waterproof grade | IPX4          |
| Charging method  | Type-c        |

## Material

Shell: ABS  
Eartips: PU

## Description

ARM NEXT N10 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°C

Storage temperature: -50°C to +70°

NOTE: Do not store the hearing protector behind a windshield or at temperatures above +70°

Weight of hearing protector: 20+10g

## 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 ARM NEXT N10

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

## 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.

ARM NEXT N10 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          | 31.3 | 28.7 | 31.4 | 31.7 | 34.3 | 38   | 36.4 | 44.2 | 44   | 26      |
| STD.DEV        | 4.1  | 3.8  | 3.2  | 2.8  | 2.9  | 1.6  | 2.7  | 2.1  | 3.0  |         |

ARM NEXT N10 have been tested and approved in accordance with  
EN 352-2:2020/ EN352-7:2020/ EN352-9:2020/ EN352-10:2020

## EN352-2:2020

N10 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 | 31.8 | 31.8 | 30.4 | 33.7 | 36.2 | 42.3 | <b>29</b> |
| STD.DEV        | 4.3  | 2.9  | 3.1  | 3.1  | 3.3  | 2.6  | 2.1  | 3.6  |           |
| MEAN-SD        | 26.5 | 26.9 | 28.7 | 28.7 | 27.1 | 31.1 | 34.1 | 38.7 |           |

Size: S,M,L

H84(dB) = 32dB  
M84(dB) = 29dB  
L84(dB) = 29dB

Hm = 34.0  
Mm = 31.5  
Lm = 31.3

Hs = 2.0  
Ms = 2.5  
Ls = 2.5

SNRm = 34.0  
SNRs = 2.1

|                                                                                                                                                                     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 a = 1                                                            |
| H-, M- and L-: Values in accordance with EN ISO 4869-2:2018 with the parameter a = 1                                                                                |
| SNR:SNR-value in accordance with EN ISO 4869-2:2018 with the parameter a = 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 TestID 08944A

| 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 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.

## WARRANTY

ARM NEXT N10 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



N10 SNR:32dB NRR:26dB  
EN352-2 / EN352-7 / EN352-9 / EN352-10 FCCID:N10  
Input votage: 5V---1A

|                                                                                     |                                                                                                                                                                                                                                                                                                                                                                  |
|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | Federal Communications Commission                                                                                                                                                                                                                                                                                                                                |
|  | Mandatory conformity marking.<br>CE mark below by Notified Body Number. The various components of the CE marking must have the same vertical dimension, and may not be smaller than 5 mm.                                                                                                                                                                        |
| N10                                                                                 | Model Name/Number                                                                                                                                                                                                                                                                                                                                                |
| EN 352                                                                              | EN352-2.Hearing protectors -General requirements - Part 2: Ear-plugs<br>EN352 -7,Hearing protectors - Safety requirements - Part 7: Level-dependent earplugs<br>EN352-9.Hearing protectors - Safety requirements - Part 9: farplugs with safety-related audio input<br>EN352-10.Hearing protectors - Safety requirements - Part 10: Entertainment audio earplugs |
| ARM NEXT                                                                            | Manufacturer's logo                                                                                                                                                                                                                                                                                                                                              |

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

