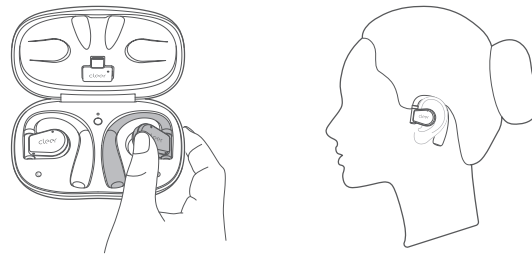


## Remove the earbuds



Remove the earbuds

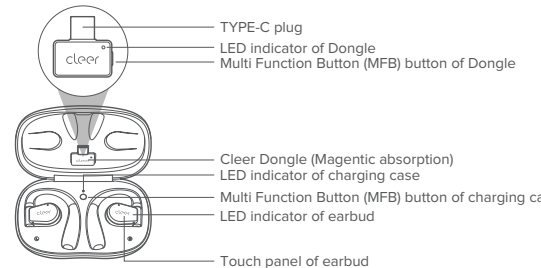
Correct fitting position

## Fitting

Rotate the earhook hinge and slide the earhook behind your ear until it rests gently over the top of your ear.



## Function introduction



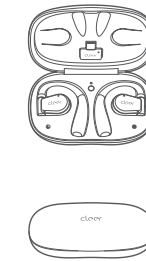
The Cleer+ app gives you a more customized control to your ARC II. Download the Cleer+ app from the App Store (for iOS devices) or Google Play (for Android devices).

- With Cleer+ app, you can do,
- Motion control settings.
  - Game sound effect switching.
  - Customized operation settings.
  - Sedentary reminder.
  - Earbud loss reminder.
  - Firmware upgrade.

\* These settings are saved to your ARC II, so you can enjoy with any playback device connected to your ARC II.



## Power on/off



1. ARC II will auto-power on when you open the charging case.

2. ARC II will auto-power off when you replace the earbuds in the case and close the lid.

3. Without the charging case:

- Tap either left or right earbud 3 times and hold on the 3rd tap for 2 seconds, both earbuds will power off at the same time, and you will also hear the voice prompt "Power off".
- Tap either left or right earbud 3 times and hold on the 3rd tap for 2 seconds, the earbud will power on and you will hear the voice prompt "Power on". The earbuds can only be powered on one by one.

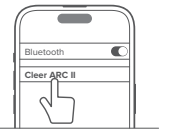
4. ARC II will automatically turn off when there is no use for 15 minutes. To change this time, go into Settings on the Cleer + App.

## Bluetooth pairing



1. When both earbuds are in the charging case, long press the MFB button on the case until the LEDs of the earbuds start flashing alternately between red and white.

2. If the earbuds are out of the charging case, just tap either left or right earbud 5 times to put the earbuds into the pairing mode.

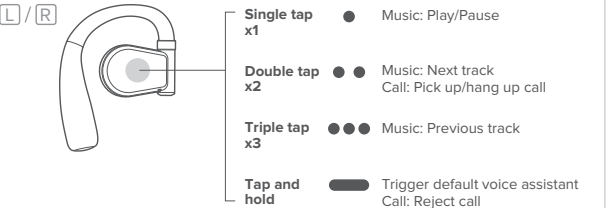


3. Select "Cleer ARC II" in the pairing list on your mobile device.

- \* When you open the charging case for the first time, ARC II will be in pairing mode automatically.
- \*\* When you place the earbuds back to the charging case, they will disconnect automatically.
- \*\*\* The earbuds will connect to the last connected device when opening the charging case.
- \*\*\*\* The earbuds can go into the pairing mode by tapping 5 times, and they can connect to a new device. The earbuds are now connecting with 2 devices at the same time.
- \*\*\*\*\* When the earbuds are beyond Bluetooth pairing distance, they will be disconnected. If they are back within 5 minutes, they will automatically restore the connection. otherwise you need to connect manually.

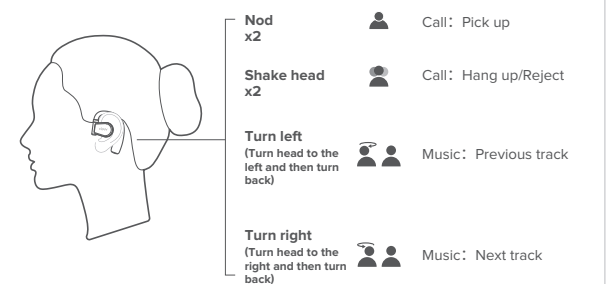
## Earbuds control (Playback and call)

\* You can customize the touch on Cleer+ App by yourself.

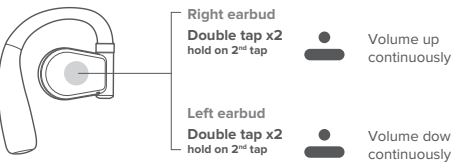


## Head motion control (Music/Call)

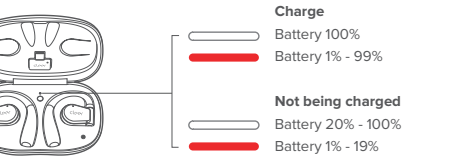
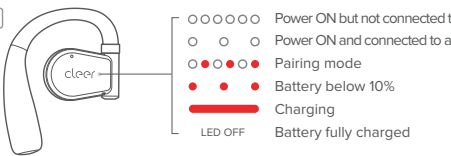
\* This function is deactivated by default. Activate it in Cleer+ App.



## Earbuds control (Volume)



## LED behavior



\* Open the charging case or single press the MFB button on the charging case, LED light will be on 5 seconds to indicate the battery level of the case.

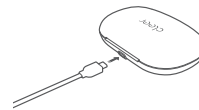
# OWN THE MOMENT

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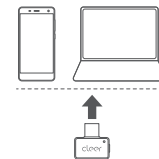
## Charging



Connect ARC II carry case to a power source with USB-C cable.

A 10-minute charge of earbuds will offer 1 hour of play time. Up to 8 hours of total playtime with fully charged earbuds. With additional 27 hours with charging case.

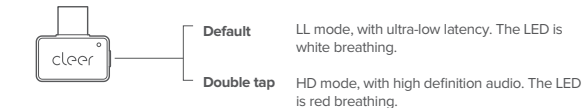
## Cleer Dongle pairing



1. Plug the Cleer Dongle into the device with a TYPE-C socket.
2. Long press the MFB button of the dongle until the LED of the dongle starts flashing alternately between red and white. The dongle is now ready for pairing.
3. Put ARC II in Bluetooth pairing mode too.
4. Put ARC II close to the dongle, and they will connect automatically. The LED of the dongle will be white breathing.

\* It's easy to connect to a device with a TYPE-A socket by using a TYPE-A to TYPE-C adapter.  
\*\* Note that some Android mobiles may need to enable the "OTG" setting to use the Cleer Dongle. Please contact your mobile service provider for more information.

## Mode switching (LL or HD)



\* The dongle will store the last mode.

## Restore factory setting for ARC II

There are two ways to restore factory setting

1. Using Cleer+ App, click [Settings] > [More Settings] > [Factory Reset], to complete the operation.
2. Using the charging case, put the earbuds back to the charging case and long press the MFB button for 10 seconds until a prompt of "Restore bluetooth setting" comes out from earbuds.

## Restore factory setting for Cleer Dongle

Long press the MFB button of the dongle for 10 seconds, and the LED of the dongle turns off and then starts flashing alternately between red and white. The dongle is now restored to its factory setting, and the pairing history is cleared up.

## Specifications (ARC II)

|                                     |  |
|-------------------------------------|--|
| <b>Driver:</b>                      | 16.2mm neodymium dynamic driver  |
| <b>Audio CODEC support:</b>         | aptX™ Lossless, aptX™ Adaptive, AAC, SBC   |
| <b>Frequency response range:</b>    | 20 - 20,000Hz  |
| <b>Connections:</b>                 | USB-C cable for charging, Charging current 5V/2A   |
| <b>Battery charging (earbuds) :</b> | A 10-minute charge will give 1 hour of playtime; less than 2 hours for a full charge (when charging via the USB-C cable provided). |
| <b>Playback time:</b>               | Up to 8 hours*, in total 35 hours with charging case   |
| <b>Support:</b>                     | Bluetooth 5.3, A2DP v1.3.2, AVRCP v1.6.2, HFP v1.8   |
| <b>Weight:</b>                      | 14g (per earbud), 130g (both earbuds and case)   |

## Specifications (Dongle)

|                             |  |
|-----------------------------|--|
| <b>Audio CODEC support:</b> | aptX™ Adaptive, aptX™ HD, SBC                      |
| <b>Frequency range:</b>     | 2402-2483.5MHz                                     |
| <b>Support:</b>             | Bluetooth 5.3, A2DP v1.3.2, AVRCP v1.6.2, HFP v1.8 |
| <b>Input:</b>               | 5V/100mA   |
| <b>Maximum power of RF:</b> | 8dBm   |
| <b>Weight:</b>              | 2.2g   |

\*Data comes from Cleer Lab. The playtime is tested by AAC-encoded audio at 50% volume on Apple mobile device. Specific battery life will vary depending on the volume, connected device and usage habits. Please refer to your mobile device when you use them.

## Maintenance

1. If the earbuds are exposed to dust, sweat, ink, oil, pollen, or chemicals (such as soap, hand sanitizer, shampoo, shower gel, laundry detergent, detergent, cosmetics, anti-UV products, antibacterial spray, high-concentration alcohol, insecticide, and mosquito repellent) and other substances that may cause damage to the earbuds, please wet a piece of cloth with less water and wipe the earbuds. Then, wipe them with a piece of dry, hairless soft cloth and dry them in the air.
2. Do not use any chemicals or organic solvents (such as soapy water, hand sanitizer or other acid-base solvents) to clean the earbuds, or the residual may cause skin irritation.
3. Please regularly use a soft, hairless cloth to wipe the earbuds. Do not use paper towels or cloth containing wood fibers. Do not use dirty or abrasive cloth.
4. When you put the earbuds back into the charging case for charging, please make sure that the earbuds are dry and clean.
5. When charging of the earbuds fails, please check whether the charging contact point of the charging case and earbuds are dirty. If yes, please wipe them clean with a piece of cloth or cotton, then try again.

## WARRANTY

Cleer Limited Warranty

Cleer Limited warrants this product against defects in material or workmanship for (i) year as set forth below when purchased directly from Cleer Limited or a Cleer Limited authorized retailer. Pursuant to this Limited Warranty, Cleer Limited will, at its option, (i) repair the product using new or refurbished parts or (ii) replace

the product with a new or refurbished product. For purposes of this Limited Warranty, "refurbished" means a product or part that has been returned to its original specifications. In the event of a defect, these are your exclusive remedies.

Labor: For a period of (1) year from the original date of purchase of the product ("Labor Warranty"), Cleer Limited will, at its option, repair or replace with new or refurbished product, product determined to be defective. If Cleer Limited elects to replace the product after this Labor Warranty has expired but while the parts warranty is still in effect, it will do so for the applicable labor charge.

Parts: For a period of (1) year from the original date of purchase of the product ("Parts Warranty"), Cleer Limited will supply new or refurbished replacement parts in exchange for parts determined to be defective.

This Limited Warranty covers only the hardware components packaged with the Product. It does not cover technical assistance for hardware or software usage and it does not cover any software products whether or not contained in the Product; any such software is provided "AS IS" unless expressly provided for in any enclosed software Limited Warranty. Please refer to the End User License Agreements included with the Product for your rights and obligations with respect to the software.

Instructions: To obtain warranty service, you must deliver the Product, freight prepaid, in either its original packaging or packaging affording an equal degree of protection to the original Cleer Limited retailer (point of purchase) or Cleer Limited Customer Service. It is your responsibility to backup any data, software or other materials you may have stored or preserved on your unit. It is unlikely that such data, software or other materials will be lost or reformatted during service and Cleer Limited will not be responsible for any such damage or loss. A dated purchase receipt from Cleer Limited or a Cleer Limited retailer is required. For specific instructions on how to obtain warranty service for your product,

Visit the Cleer Limited website: [www.cleeraudio.com](http://www.cleeraudio.com)

Following warranty service your original Product or a replacement Product will be returned to you as your Product was configured when originally purchased.  
Repair / Replacement Warranty: This Limited Warranty shall apply to any repair, replacement part or replacement product for the remainder of the original Limited Warranty period or for (90) days, whichever is longer. Any parts or product replaced under this Limited Warranty will become property of Cleer Limited. This Limited Warranty shall not apply to: (a) consumable parts, such as batteries that are designed to diminish over time, unless failure has occurred due to a defect in materials or workmanship; (b) cosmetic damage, including but not limited to scratches, dents and broken plastic on ports; (c) defects caused by normal wear and tear or otherwise due to the normal aging of the device; (d) damage caused by accident, negligence, abuse, misuse, fire, earthquakes, acts of God or damage resulting from liquid outside of the approved levels; (e) damage caused by operating the device outside Cleer Limited published guidelines; (f) damage caused by service performed by anyone who is not a representative of Cleer Limited or a Cleer Limited authorized service provider; (g) Products whose seals are tampered; (h) Products whose serial numbers have been removed or defaced from such Product; (i) modifications, alterations or repairs to the Product made by a party other than Cleer Limited or a party authorized by Cleer Limited; (j) any failure by End User or a third party to comply with environmental and storage requirements for the Product specified by Cleer Limited, including, without limitation, temperature or humidity ranges; or (k) use of the Product in combination with any third-party devices or products that have not been provided or recommended by Cleer Limited.

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## NOTICE

Recycling



Your product is designed and manufactured with high quality materials and components, which can be recycled and reused. When you see the crossed out wheel bin symbol attached to a product, it means the product is covered by the European Directive 2002/96 EC:



Never dispose of your product with other household waste. Please inform yourself about the local rules on the separate collection of electrical and electronic products. The correct disposal of your old product helps prevent potentially negative consequences on the environment and human health. Your product contains batteries covered by the European Directive 2006/66/EC, which cannot be disposed of with normal household waste.

The device complies with RF specifications when the device used at 0mm from your body. Hereby, Cleer Limited. Declares that the product compliance with essential requirements and other relevant provisions of Directive 2014/53/EU.

Compliance with FCC rules

1. 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.  
(2) This device must accept any interference received, including interference that may cause undesired operation.
2. 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 interferences. 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.

Radiation Exposure Statement:  
This equipment complies with FCC radiation exposure requirement.  
The device can be used in portable exposure condition without RF restriction.

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:  
(1) this device may not cause interference, and  
(2) this device must accept any interference, including interference that may cause undesired operation of the device.\*

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :  
(1) l'appareil ne doit pas produire de brouillage, et  
(2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.\*

L'appareil a été évalué pour répondre aux exigences générales d'exposition aux RF. L'appareil peut être utilisé sans restriction dans des conditions d'exposition portables.

RF warning statement:  
The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

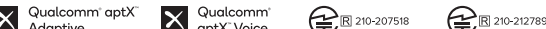
Register your product and get support at [www.cleeraudio.com](http://www.cleeraudio.com)

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cleer

ARC II  
Smart Open Ear True Wireless Gaming Headphone

User Manual