



beyerdynamic

AMIRON 200

OPEN TRUE WIRELESS EARPHONES

User Manual | Bedienungsanleitung | Mode d'emploi
Instrucciones de uso | Manuale d'uso | Manual de instruções
Gebruiksaanwijzing | Brugsvejledning | Käyttöohje
Bruksanvisning | Bruksanvisning | Návod k obsluze | Kasutusjuhend
Kezelési útmutató | Naudojimo instrukcija | Lietošanas pamācība
Instrukcja obsługi | Instrucțiuni de utilizare | Návod na používanie
取扱説明書 | 사용 설명서 | 使用说明书 | 操作説明

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Thank you for purchasing the AMIRON 200 Open True Wireless Earphones from beyerdynamic. Please take some time to read this information carefully before using the product.

SAFETY INSTRUCTIONS

- ▶ Read these safety instructions carefully before using the AMIRON 200.
- ▶ Heed all instructions given, especially those regarding the safe use of the AMIRON 200.
- ▶ Do not use the AMIRON 200 when it is damaged.

Intended use

- ▶ Only use the AMIRON 200 as described in this manual. The company beyerdynamic GmbH & Co. KG accepts no liability for damage to the AMIRON 200 or injury to persons caused by careless, improper or incorrect use of the AMIRON 200, or by use for purposes not specified by the manufacturer.
- ▶ beyerdynamic GmbH & Co. KG is not liable for damage to USB devices that do not comply with the USB specifications.
- ▶ beyerdynamic GmbH & Co. KG is not liable for damage resulting from connection interruptions due to batteries being empty or too old, or due to exceeding the Bluetooth® transmission range.
- ▶ Please also observe the relevant country-specific regulations before using the product.

Adjusting the volume



High volumes and long listening can permanently damage your hearing.

- ▶ Before using the AMIRON 200, set the volume to minimum. Only increase the volume afterwards.
- ▶ In case of tinnitus, decrease the volume. If necessary, consult a doctor.
- ▶ Excessively high volumes and long listening times may cause hearing damage.
- ▶ As a rule of thumb, the higher the volume, the shorter the listening time.

Cleaning

- ▶ For reasons of hygiene and health, clean the earphones regularly, especially after contact with moisture or wetness and when they are dirty.

Damage from liquids

Liquid penetration can damage the AMIRON 200.

- ▶ Make sure that no liquids penetrate the AMIRON 200 (e.g. when cleaning).
- ▶ Do not use solvent-based or aggressive cleaning agents.

Risk of swallowing

- ▶ Keep small parts, such as product, packaging and accessories, away from children and pets. They constitute a choking hazard if swallowed!

Power and connecting cable

- ▶ Only use the cable supplied by us for both charging and connecting to a laptop.

Using the batteries

Danger from heat, water and mechanical stress

Excessive heat, water and mechanical stress, may cause explosion, heat, fire, smoke or fumes. Injuries and irreversible damage to the battery may result.

- ▶ Do not expose the battery to excessive heat, fires or extremely low air pressures. There is a risk of explosion, fire, smoke or gas.
- ▶ Do not subject the battery to mechanical stress such as crushing.
- ▶ Do not open the housing or remove the battery.
- ▶ Only use a USB 2.0/3.0 standard-compliant 5 V power adapter to charge the battery via the integrated USB type C port.

Storing the battery

- ▶ If the battery is not going to be used for an extended period, set the charge level to approximately 50% of the maximum capacity and store it at temperatures up to max. 30 °C.

Charging

- ▶ Disconnect the USB connecting cable from the charging unit once the device is fully charged.

Environmental conditions

- ▶ Do not expose the AMIRON 200 to rain, snow, liquids or moisture.

BOX CONTENTS

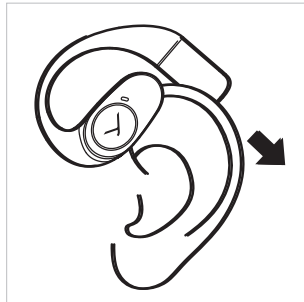
- ▶ Charging case
- ▶ Earphones L/R
- ▶ Charging cable USB type C to USB type A
- ▶ Quick Start Guide
- ▶ Compliance Booklet

REMOVE FROM PACKAGING AND PUT ON

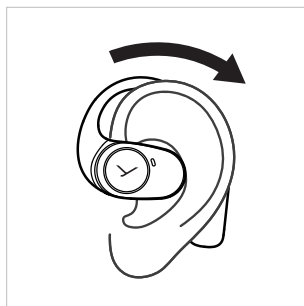
- ▶ Remove the earphones from the charging case. Remove the film protecting the charging contacts located under each earphone. Afterwards place the earphones into the charging case to charge the integrated batteries before first use. Please also refer to the chapter "Charging".



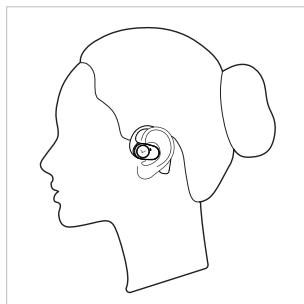
- ▶ Place the earphone onto your ear.



- ▶ The earphone fits correctly when it rests gently over the top of your ear.



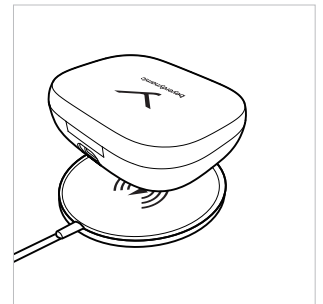
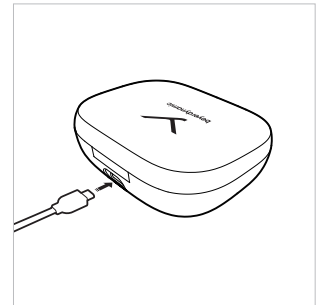
- ▶ Correct fit.



CHARGING THE BATTERIES

The earphones are charged via the battery of the charger. For charging, we recommend that you only use the supplied USB cable. Please fully charge the batteries in the charger and earphones before using the AMIRON 200 for the first time.

- ▶ Put the earphones into the charging case.
- ▶ Close the lid and connect the USB cable into the socket on the charging case for charging.
- ▶ A 5-minute charge of the earphones will offer 90 minutes of playtime. Up to 11 hours of total playtime with fully charged earphones. With additional 25 hours with charging case.
- ▶ Alternatively, you can place the charging case on a wireless charging station.



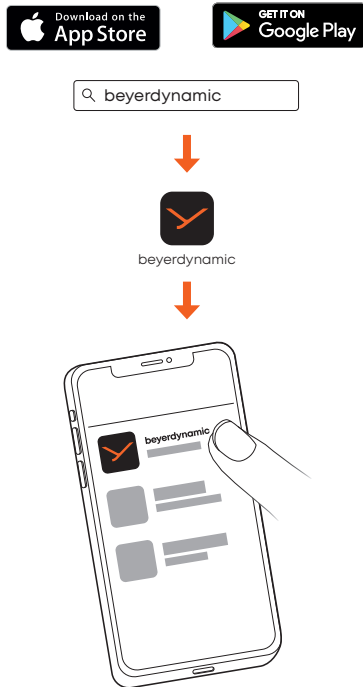
Remarks on the life of Li-ion batteries

- ▶ When fully charged, disconnect the USB cable from the charging case and the product.
- ▶ **CAUTION!** High temperatures, especially with a high charge level, can cause irreversible damage.
- ▶ If the battery is not used or is stored for extended periods of time, it is recommended to charge it to approx. 50% and store it at no more than 30 °C.
- ▶ Switch off the battery-powered product after use.

BEYERDYNAMIC APP

The beyerdynamic app gives you a customised control of your AMIRON 200.

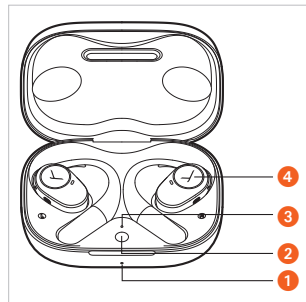
- ▶ Download the beyerdynamic app from the App Store (for iOS devices) or Google Play (for Android devices).



- ▶ With the beyerdynamic app you can carry out customised operation settings and software updates.
- ▶ These settings are saved to your AMIRON 200, so you can enjoy with any playback device connected to your AMIRON 200.

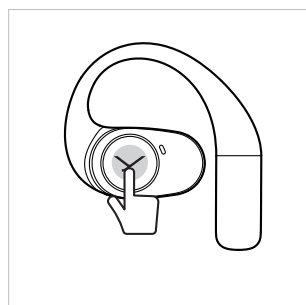
CONTROLS AND INDICATORS

- 1 Outside LED indicator
- 2 Multi Function Button (MFB)
- 3 Inside LED indicator
- 4 Touch pad



OPERATION

You can operate the earphones by lightly tapping the touch pad.

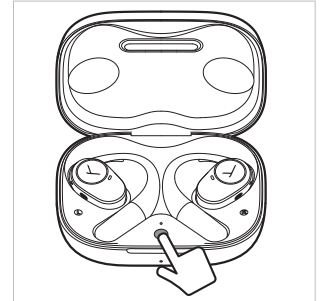


Pairing

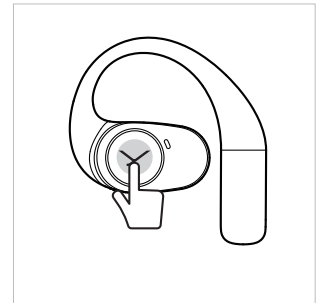
Before you can use AMIRON 200, you must pair it with a mobile phone or another Bluetooth®-enabled device. The pairing process may differ depending on the device.

- ▶ Please refer to the operating instructions of the device with which you wish to pair AMIRON 200.

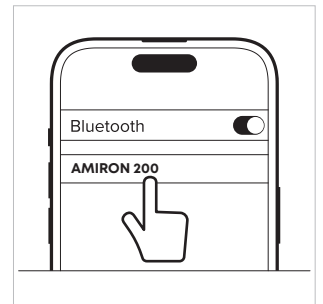
- ▶ When both earphones are in the charging case, press and hold the MFB button on the case for 5 seconds () until the LEDs of the earphones start flashing alternately red and white.



- ▶ If the earphones are out of the charging case, just tap either the left or right earphone 5 times () to put the earphones into the pairing mode.



- ▶ Select "AMIRON 200" in the pairing list on your mobile device.

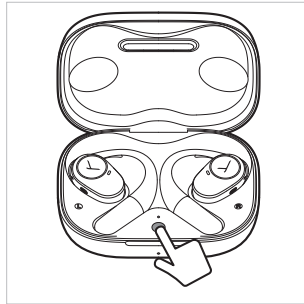


Notes

- ▶ When you open the charging case for the first time, AMIRON 200 will be automatically in the pairing mode.
- ▶ When you place the earphones back into the charging case, they will disconnect automatically.
- ▶ The earphones will connect to the last connected device when you open the charging case.
- ▶ If your earphones are connecting to a device and you want to add a new device, tap either side 5 times () to put the earphones into the pairing mode, and select "beyerdynamic AMIRON 200" in the pairing list on the new device. The earphones can connect to two devices at the same time.
- ▶ When the earphones are beyond Bluetooth® pairing distance, they will be disconnected. If they are back in reach within 5 minutes, they will automatically restore the connection, otherwise you have to connect manually.

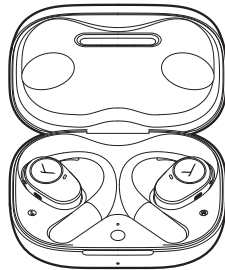
How to delete the pairing list

- ▶ Place both earphones into the charging case. Double-press and hold the MFB button on the charging case for 6 seconds (● —) to delete the pairing list. The LED on the outside of the charging case lights up white for 3 seconds and then flashed red and white. The earphones are in the pairing mode.

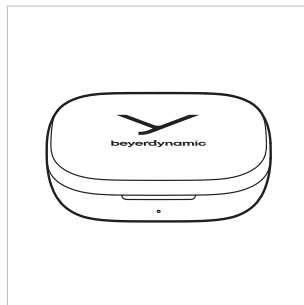


Turning on/off

- ▶ AMIRON 200 will automatically power on, when you open the charging case.



- ▶ AMIRON 200 will automatically power off, when you place the earphones in the case and close the lid.



- ▶ **Without the charging case**

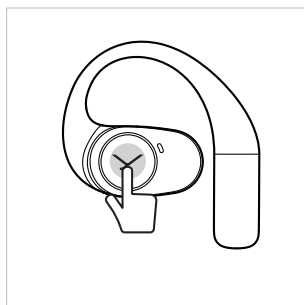
Turning off:

The earphones can only be turned off one by one. Tap the left or right earphone 3 times and hold the touch pad after the 3rd tap for 2 seconds (● ● ● —). You will also hear the voice prompt "Power off".

Turning on:

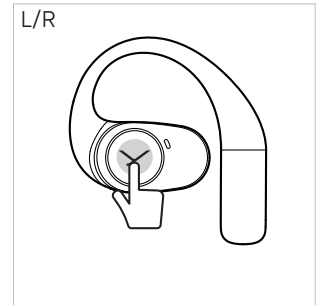
The earphone can only be turned on one by one. Tap the left or right earphone and hold the touch pad for 2 seconds (—). You will also hear the voice prompt "Power on".

- ▶ AMIRON 200 will automatically turn off when not in use for 10 minutes or longer. You can also change this time frame on the beyerdynamic app.



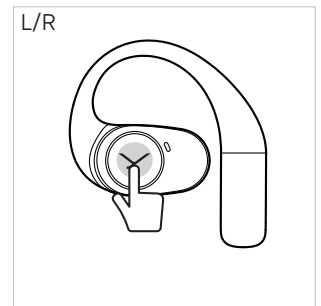
Playing media

- ▶ Tap once (●) to start or stop playback.
- ▶ Tap twice (● ●) the **right** earphone to play the **next** track.
- ▶ Tap twice (● ●) the **left** earphone to play the **previous** track.



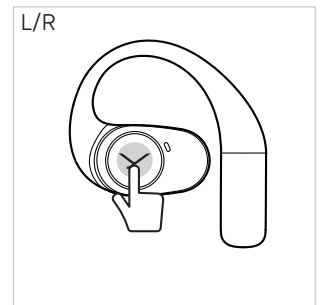
Activate the voice assistant

- ▶ Double tap and hold (● ● —) to activate the voice assistant.



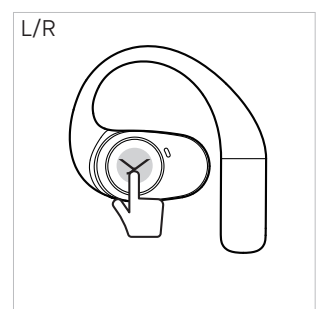
Adjusting the volume

- ▶ Tap the **right** earphone and hold (—) to **increase** the volume.
- ▶ Tap the **left** earphone and hold (—) to **decrease** the volume.



Making a phone call


- ▶ Tap once (●) to accept an incoming call or to switch between two active calls.
- ▶ Tap twice (● ●) to hang up.
- ▶ Tap twice (● ●) to reject an incoming call.








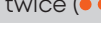





Resetting to factory settings




When resetting to factory settings, all personal data is deleted!

There are two ways to restore the factory settings:

1. In the beyerdynamic app, click on the icon for Settings > [Factory settings], to restore the factory settings.
2. Place the earphones back into the charging case and press and hold the MFB button for 12 seconds () until the LED inside the charging case lights up red for 2 seconds.



Overview of operating functions

Earphones on the ear	Operation (earphones)
Switch to pairing mode	▶ Tap right or left five times ()
Turning on	▶ Tap right or left and hold for two seconds ()
Turning off	▶ Tap right or left three times and hold on the touch pad after the 3rd tap ()
Start / stop playback	▶ Tap once ()
Play previous track	▶ Tap left twice ()
Play next track	▶ Tap right twice ()
Switch on voice assistant	▶ Tap right or left twice and hold with the second tap ()
Accept incoming call/ switch between two active calls	▶ Tap once ()
End active call/reject incoming call	▶ Tap twice ()
Increase volume	▶ Tap right once and hold ()
Decrease volume	▶ Tap left once and hold ()



Both earphones in the charging case	Operation (charging case)
Switch to pairing mode	▶ Press and hold the multifunction button 5 seconds () until the LED inside the charging case flashes alternately red and white
Delete pairing list	▶ Double-press and hold the multifunction button 6 seconds ()
Reset to factory settings	▶ Press and hold the multifunction button 12 seconds ()

Overview of LED displays

Charging case inside




-  Pairing mode
-  Turned on and connected to a device

When the earphones are placed in the charging case, the LED lights up for 5 seconds and indicates the charging status of the earphones:

-  Battery level 1% - 30%
-  Battery level 31% - 100%



Charging case outside

While being charged

-  Battery level 1% - 30%
-  Battery level 31% - 99%
-  Battery level 100%

- ▶ When the charging case is opened and closed again, the LED light will be on for 5 seconds to indicate the battery level of the charging case.

Not being charged

-  Battery level 1% - 30%
-  Battery level 31% - 100%

Cleaning

- ▶ Clean the AMIRON 200 earphones regularly with a soft, lint-free cloth. If necessary, you can moisten the cloth with lukewarm water. Make sure that no liquid gets into the housing or the sound transducer.
- ▶ Do not use solvent-based cleaners, as these can damage the surface.

TROUBLESHOOTING

Problem	Cause	Solution
AMIRON 200 cannot be switched on	▶ Battery is empty or almost empty.	▶ Charge the battery.
No audio output	▶ No Bluetooth® connection	▶ Pair AMIRON 200 with the player.
AMIRON 200 does not appear among the available Bluetooth® devices on the player	<ul style="list-style-type: none"> ▶ AMIRON 200 is turned off. ▶ AMIRON 200 is not in the pairing mode. ▶ There exists a Bluetooth® connection to another player already. 	<ul style="list-style-type: none"> ▶ Turn on AMIRON 200. ▶ Put AMIRON 200 into the pairing mode. ▶ Disconnect the Bluetooth® connection to the other player and connect AMIRON 200 to the desired device.
Playback volume is too low, despite the volume of AMIRON 200 is set to maximum	▶ The received audio signal is too low.	▶ Increase the playback volume on the player.

<p>The wireless range is too low or the connection is disrupted</p>	<p>▶ There are interferences with other devices.</p>	<p>▶ Move away from WLAN routers and microwave ovens. ▶ Make sure that your body is not between the player and AMIRON 200.</p>
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HELP WITH PROBLEMS / FAQ

Answers to more most common problems and questions can be found on the internet at:
<https://www.beyerdynamic.com/faq>

PRODUCT REGISTRATION

Using the serial number, you can register your AMIRON 200 on the internet at:
<https://www.beyerdynamic.com/service>

DISPOSAL

- ▶ This symbol on the product, in the operating instructions or on the packaging means that electrical and electronic devices must be disposed of separately from household waste at the end of their life cycle.
- ▶ Always dispose of used equipment in accordance with applicable regulations.



For sale within the EU only:

- ▶ For the return of old equipment, there are free collection points or a free return to beyerdynamic, as well as other acceptance points for reuse. The addresses are available at the local city or municipal administration.
- ▶ Dealers for electronic equipment are generally obliged to take back waste electrical/electronic equipment free of charge. This obligation also applies to sales via remote communication.

Battery disposal

- ▶ Dispose of batteries separately from the product after use in accordance with the applicable regulations. They must not be disposed of with household waste. Returning batteries is free of charge.
- ▶ Discharge the batteries before disposal.

For this product a non-destructive removal of the battery by the end user is not possible. Please contact beyerdynamic or consult independent professional staff. The properly removed battery must be disposed of in a container intended for this purpose with tape put on the terminals; do not dispose of it with household waste or municipal waste.

EU DECLARATION OF CONFORMITY

The company beyerdynamic GmbH & Co. KG hereby declares that this radio transmission device complies with the EU Directive 2014/53/EU and the EU Directive 2011/65/EU.

- ▶ The full text of the EU declaration of conformity can be found on the internet at:
<https://www.beyerdynamic.com/cod>

TECHNICAL SPECIFICATIONS

Bluetooth® frequency range	2.402 – 2.480 GHz
Transmitting power	12 dBm (Bluetooth®)
Charging temperature range	0 to +35 °C
Operating temperature range	0 to +35 °C

- ▶ You can find more detailed information about the technical specifications online at:
<https://www.beyerdynamic.com/amiron-200>.

WARRANTY CONDITIONS

beyerdynamic provides a limited warranty for the original beyerdynamic product you have purchased.

- ▶ You can find detailed information about beyerdynamic's warranty conditions on the internet at:
<https://www.beyerdynamic.com/service/warranty>

TRADEMARKS

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THIRD PARTY LICENSES

For more information on 3rd party licenses, please go to:
https://www.beyerdynamic.com/media/downloads/headphones/manual/Licenses_amiron200.md

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