

Byron BT

BLUETOOTH IN-EAR HEADSET

Manual

Contents

1.	Safety instructions	4
2.	Accessories	5
3.	Controls and indicators	5
4.	Operating instructions	6
5.	Button Guide	7
6.	Getting started with your Byron BT	9
6.1	Pairing to your mobile phone	9
6.2	Multi point setting	10
6.3	Call	10
6.4	Factory reset	11
6.5	Playing music	11
7.	What does the LED colour mean?	11
8.	FAQ & Troubleshooting	12
9.	Maintenance	12
10.	Specifications	13
11.	Disposal	13
12.	Battery disposal	14
13.	Certification	15
14.	Simplified EU Declaration of Conformity	15

Thank you for selecting the Byron BT stereo Bluetooth in-ear headset from beyerdynamic. Please take some time to read carefully through this manual before using the product. Please keep the manual. When passing on the headset to a third party, please pass on the manual as well.

1. Safety instructions

Warning:



When connecting the in-ear headset, make sure that you have turned the volume down to the minimum. Adjust the volume only after the in-ear headset are in place. To avoid any potential damage to your hearing, do not use the in-ear headset at loud volumes for extended periods of time. As a rule of thumb, when you have the in-ear headset on, set the volume to a level at which you can still hear your own voice when you speak at a normal volume while listening.

We would like to point out that listening at high volumes over a long period of time may damage your hearing irreversibly.

Make sure that the set volume is not too high.

Rule of thumb: The higher the volume, the shorter the time of listening. According to employer's regulations for safety and health the noise exposure should not exceed 85 dB (low volume) when working with an allowed time of listening of 8 hours at maximum. If the volume is increased by 3 dB, the allowed time of listening is halved, i.e. with 88 dB the time of listening is 4 hours, with 91 dB 2 hours and so on.

Danger!

In-ear headsets dramatically reduce your ability to hear ambient noise. Using the in-ear headsets while in road traffic is potentially very dangerous and is therefore prohibited by law. Also, please make sure that you do not use your in-ear headset when in the vicinity of possibly dangerous machines and tools.

Risk of injury!

When wearing wired in-ear headphones, avoid any sudden movements. You could seriously injure yourself, especially if you have any piercings or wear earrings or glasses, etc. that can get caught in the wire.

Altered auditory perception

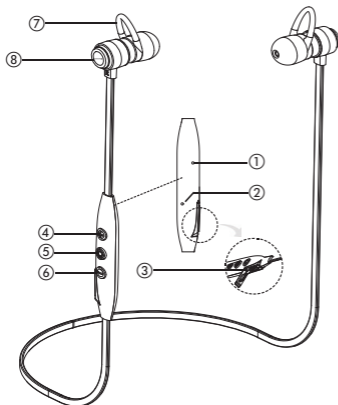
Many people need some time to get used to wearing in-ear headsets. Your auditory perception of your own voice and body, and even the sounds in

your inner ear while walking, are different from “normal” situations when you are not wearing an in-ear headset. This strange sensation will usually abate after wearing in-ear headsets for a while.

2. Accessories

- 1 pair of in-ear headset
- 3 pairs of eartips (S, M, L)
- 1 pair of ear hooks
- 1 charging cable

3. Controls and indicators



- ① Microphone
- ② LED display for in-ear headset status
- ③ Charging socket
- ④ Volume up, next song etc.
- ⑤ Main function button (MFB) for turning on/off, answer/reject/convert a call/play/etc.
- ⑥ Volume down, previous song etc.
- ⑦ Ear hook for comfortable wearing
- ⑧ Fixing magnet for holding L/R earphone together while not in use

4. Operating instructions

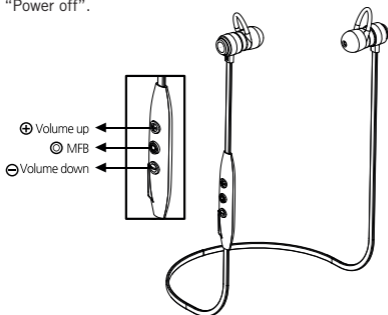
When turning the headset on/off or selecting the pairing mode, you will hear a voice prompt.

Turn on the in-ear headset

Press the MFB button until you hear “Power on” and the blue LED glows.

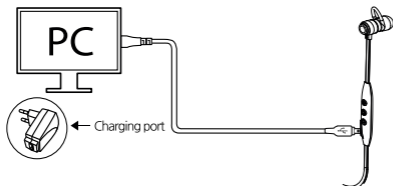
Turn off the in-ear headset

When you press the MFB button for a longer time (approx. 5 seconds), the purple LED will glow and the headset is turned off after you hear “Power off”.



Charging

Charging is possible with the supplied micro USB charging cable.



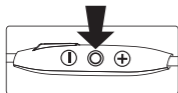
5. Button guide

You can easily control the in-ear headset with these 3 buttons.

- ⊕ Volume up
- ⊖ Volume down
- Ⓞ MFB

Basic in-ear headset control

Press the MFB button



Answer a call Press briefly

End a call Press briefly

Turn on headset Press for 2 seconds
(If there is a paired device, it connects to the paired device.)

Turn off headset Press for 5 seconds
If you press the MFB button for a longer time, the purple LED glows and the in-ear headset will be turned off after you hear "Power off".

Pairing mode Press for 6 seconds when you turn on
(if the headset has been connected to a device before, the headset must be turned off and turned on again as described before)

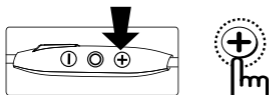
Reject a call Press for 1 second

Convert a call Press briefly during call

Play/Pause Press briefly

Stop Press for 1 second (during play)

Press the Volume up button

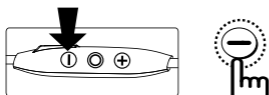


Volume up (+) Press briefly

Mic mute Press for 1 second (during call)

Next song Press for 1 second (during play)

Press the Volume down button



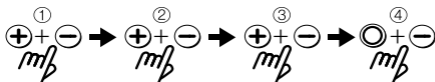
Volume down (-) Press briefly

Mic mute Press for 1 second (during call)

Previous song Press for 1 second (during play)

Factory reset

Press the buttons in the following order:



The purple LED will glow and the in-ear headset will be initialised.
After a factory reset, pair the in-ear headset again for use.

6. Getting started with your Byron BT

6.1 Pairing to your mobile phone

Before you use the Byron BT in-ear headset, you have to pair it with your mobile phone or Bluetooth enabled device. The pairing process may be different with various mobile phone makers. Please refer to the appropriate mobile phone manual.

When the in-ear headset is turned off, press the MFB button for 6 seconds to start the pairing mode (blue LED is continuously on). Select the Bluetooth mode on your mobile phone.

Pairing on first purchasing

- Select the pairing mode with the Bluetooth in-ear headset.
- Pairing with mobile phone (you need to pair with your mobile within 3 minutes).
- On first purchasing, the in-ear headset enters into pairing mode automatically when the power is on and the blue LED is continuously on.

Pairing with mobile phone setting

- Activate the Bluetooth function on your mobile phone according to the phone manual, search the in-ear headset model name and select. Then “Pairing” is displayed. (Some mobile phones need pass key (PIN), then enter 0000).
- If pairing is successful, the message “Connected to phone and media audio” is displayed and the blue LED glows 5 times. Now it is ready to use.

Pairing to other devices

- Select the pairing mode with the Bluetooth in-ear headset.
- Deactivate the Bluetooth function of the connected device if there is a connected device.
- Press the MFB button for 5 seconds to turn off.
- Press the MFB button for 6 seconds. The in-ear headset is turned on and enters into the pairing mode.

Pairing with mobile phone

- Follow the pairing procedure as described above in the paragraph “Pairing with mobile phone setting”.
- If pairing is successful, the message “Connected to phone and media audio” is displayed and the blue LED glows 5 times. Now it is ready to use.

6.2 Multi point setting

It is possible to connect and use 2 devices simultaneously.

Setting Multi point

- Please pair the Bluetooth in-ear headset to the first device according to the pairing process (refer to pairing process).
- Turn off the Bluetooth in-ear headset.
- Press the MFB button for around 4 seconds until the blue LED is continuously on.
- Please pair the Bluetooth in-ear headset to the 2nd device according to the pairing process.
- Then, turn off the Bluetooth in-ear headset and turn on again, it will be connected to two devices.

How to use Multi point

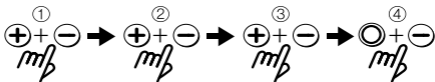
- At the status of connecting two devices, press the MFB button to answer a call when there is an incoming call.
- At the status of connecting two devices, press the MFB button to listen the music that was played lately.

6.3 Call

- Answering a call:
Press the MFB button to answer a call.
- Ending a call:
Press the MFB button briefly to end a call.
- Rejecting a call:
During an incoming call, press the MFB button for about 1 second.
- Converting a call:
During a call with mobile, press the MFB button to convert to the headset (to call with the mobile again, use your mobile phone menu).
- Volume control:
With the + and – buttons you can control the volume.
- Microphone Mute:
If you press the + or – button for about 1 second during a call, the microphone will mute.
- During mute, it will be released, if you press the + or – button for about 1 second.
- Depending on the mobile phone models, the above functions may be different. Please refer to the mobile phone model.

6.4 Factory reset

- Press the buttons in the following order:



The purple LED will glow and the in-ear headset will be initialised. After a factory reset, pair the in-ear headset again for use.

6.5 Playing music

- To enjoy the best audio quality, please set 70~80% from the max. volume in your device.
- On first purchasing, the volume sets in level 10 of all 15 levels (please adjust with + or – button for volume).
 Play / Pause: Press the MFB button briefly
 Stop: Give the MFB button a long press
 Volume up: Press the + button briefly
 Volume down: Press the – button briefly
 Next song: Give the + button a long press
 Previous song: Give the – button a long press

There are several kinds of bit rate even though it is the same MP3 file. If the file source is a higher bit rate (320 K) for listening, you can feel the real worth for our Bluetooth headphone. And, if the speaker is not good even with a good source, the sound quality will not be good, and if the speaker is good with an inferior source, the sound quality is lost to the listener. The Byron BT in-ear headset is optimised to supply you with a high quality sound, but we also recommend you using a high resolution source file (320K) to enjoy great sound.

7. What does the LED colour mean?

Status	LED indication
Standby	LED off (if you press the button, the blue LED blinks once)
Battery is running low	Red light blinks
Charging	Red light ON
Fully charged	Blue light ON
Pairing mode	Blue light ON

8. FAQ & Troubleshooting

- **I hear crackling noise**

- For the best audio quality, always place your in-ear headset close to the mobile phone.

- **I cannot hear anything**

- Increase the volume on the headphone.
- Make sure that the in-ear headset is paired with the phone.
- If the in-ear headset fails to connect when you pressed the MFB button, try to connect again by following the pairing procedure.

- **I have problems with pairing even though my phone indicates otherwise**

- Please delete the in-ear headset paired to your mobile phone and pair the in-ear headset again.
Please refer to set up “Pairing mode”.

- **Will the Byron BT work with other Bluetooth equipment?**

- The Byron BT is designed to work with Bluetooth mobile, computer or portable audio devices which are built in. It can also work with other Bluetooth devices that are compliant with Bluetooth version 1.1/1.2/2.0/2.1+EDR/3.0/4.0 and that support HSP, HFP, A2DP and AVRCP.

- **Is the enclosed charging cable only for a specified device?**

- It is compatible with all standardised micro USB power supplies, and in general, compatible with Android mobile phone charger.

9. Maintenance

- Make sure the in-ear headset is turned off when storing, and protect it safely when it is not in use.
- Sunlight and high temperatures can affect battery life of the Byron BT and may be the cause of malfunction.
- High temperatures may also degrade performance.
- Do not expose the Byron BT in-ear headset to rain or other liquids.
- Prevent babies, children or pets to bite or suck the in-ear headset.
- Please do not disassemble.
- Please make sure to use certified power supplies (rated voltage: 5 V).

10. Specifications

Talk time	about 9 hrs
Music play time	about 7.5 hrs
Standby time	about 10 days
Charging time.	about 2.0 hrs
Size.	9.8 x 58 x 6.2 mm
Cable length.	570 mm
Battery.	Rechargeable Lithium Polymer
Weight.	about 13 g
Operation range	within 10 m
Bluetooth profile.	Headset profile
	A2DP
	AVRCP
	SPP
Bluetooth profile.	Ver. 4.1

The operation time may vary, depending on the connected device or setting status.

11. Disposal

This symbol on the product, in the instructions or on the packaging means that your electrical and electronic equipment should be disposed at the end of its life separately from your household waste. There are separate collection systems for recycling in the EU. For more information, please contact the local authority or your retailer where you purchased the product.



12. Battery disposal

This symbol means that according to local laws and regulations your product and/or its battery shall be disposed of separately from household waste. When this product reaches its end of life, take it to a collection point designated by local authorities. The separate collection and recycling of your product and/or its battery at the time of disposal will help conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment.



- Old batteries may contain substances that are harmful to your health and environment.
- Dispose used batteries always according to the applicable disposal regulations. Please do not throw used battery packs into the fire (danger of explosion) or your household rubbish, take them to your local collection points. The return is free and required by law. Please dispose discharged batteries only.
- All batteries are recycled to reclaim valuable material such as iron, zinc or nickel.

13. Certification

FCC ID: UZCGBH-S3100

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.

CAUTION: Changes or modifications not expressly approved by the manufacturer responsible for compliance could void the user's authority to operate the equipment.

Made in Korea

In accordance with the R&TTE Directive 1999/5/EC.

14. Simplified EU Declaration of Conformity

Hereby, beyerdynamic declares that the radio equipment type Byron BT is in compliance with the R&TTE Directive 1999/5/EC.

The full text of the EU declaration of conformity is available at the following internet address:

<http://www.beyerdynamic.com/cod>

www.beyerdynamic.com



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For further distributors worldwide, please go to www.beyerdynamic.com
Non-contractual illustrations. Subject to change without notice.

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