

beyerdynamic Blue BYRD (2nd generation)

Bluetooth®-In-Ear-Headset

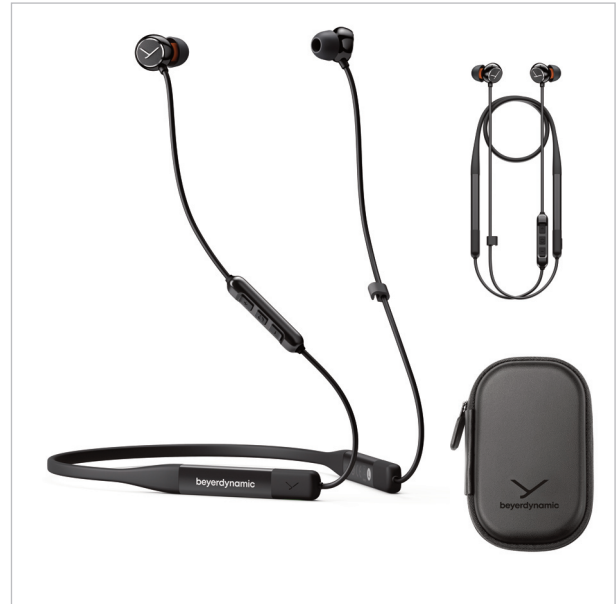
Order # 717.649



Qualcomm® aptX® Adaptive

FEATURES

- Superior beyerdynamic sound (earphones and mic)
- Great communication device, both for work and leisure
- Comfortable unique flat earbud design
- Best-in-class battery runtime
- Latest connectivity and codecs
- Protective sweat and water resistance
- Extra features with beyerdynamic MIY app
- High-quality and comfortable neckband design



APPLICATIONS

The Blue BYRD (2nd generation) in-ear headset can be used in many ways:

- For listening to music
- For telephone and conference calls (e.g. in home office)
- To access personal assistants such as Siri®, Google Assistant®, Amazon Alexa®
- For watching videos on YouTube®, WhatsApp®, Instagram® etc.
- For sending audio/video messages via WhatsApp®, Teams®, WeChat®, Zoom® etc.
- For VoIP such as Skype®
- For games
- For watching TV

Although the Blue BYRD (2nd generation) is not a true sport in-ear headset, it can be used for sports:

- For running and cycling
- In the gym on the treadmill and on various devices

DESCRIPTION

The Blue BYRD (2nd generation) is an in-ear headset with Bluetooth® technology featuring a balanced sound and excellent intelligibility of speech. Using the MIY app, the sound can also be individually personalised and tuned to your own hearing.

With a range of 10 meters, the Blue BYRD (2nd generation) allows freedom of movement, and can be used with any Bluetooth® enabled device such as a smartphone, tablet or computer. The Blue BYRD (2nd generation) can also be connected via USB to compatible players. While charging, the user can continue listening via the Blue BYRD (2nd generation).

The closed design prevents music from penetrating to the outside and ambient noise to the inside.

The 3-button remote control integrated in the cable can be used to control the volume and the media control of the player as well as phone calls.

The ergonomic design and a supplied selection of five pairs of silicone eartips in various sizes ensure a comfortable and secure fit in the ear. Due to the flat shape of the housing, the earphone does not protrude from the ear, so there is no pressure when you lean your head or lie on your side. When not in use, the Blue BYRD can be folded and stored or transported in the supplied high quality hard case.

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Qualcomm® aptX® Adaptive

TECHNICAL SPECIFICATIONS

Earphone

Transducer type	Dynamic
Operating principle	Closed
Frequency response	10 – 25.000 Hz
Sound coupling to the ear	In-ear
T.H.D.	< 0.069% at 1 kHz
Compliant with EN 50332	Yes
Weight	32 g
Cable length (between both ear buds)	0.84 m
Digital wired audio transmission possible	Yes

Microphone

Signal-to-noise ratio	66 dB
Microphone type	MEMS, omnidirectional

Bluetooth

Bluetooth® version	5.2
Frequency response	2.402 – 2.480 GHz
Transmission power	10 dBm (class 1)
Number of paired devices	max. 8
Range	10 m
Supported profiles	HSP 1.2, HFP 1.7.1, A2DP 1.3.1, AVRCP 1.6, AVCTP 1.4, AVDTP 1.3, SPP 1.2, Device ID 1.3, RFCOMM 1.2, GAVDP 1.3
Supported codecs	Qualcomm® aptX™ Adaptive, aptX™, AAC, SBC
Speech enhancement	Qualcomm® cVc™ (8 th gen.), 1 mic
Compatible with Bluetooth® players	Version 4.0 or higher (A2DP and HFP profiles required)
Volume steps	Music = 32, phone calls = 16

Google Fast Pair®	Yes
Amazon Alexa® built-in	Yes
Firmware update possible	Yes (via App)
Multipoint	Yes (max. 2 devices)
Sidetone support	Yes (via App)
Bluetooth® operation during charging	Yes

USB

USB version	USB 2.0 Full Speed
USB audio	Class 1
Supports USB Human Interface Device	Yes
USB audio compatible to	16 bits / 48 kHz
Compatible from	USB version 2.0 / USB audio class 1

Battery/Charging

Battery type	Lithium-ion, 125 mAh
Runtime music	up to 14 hrs. (2 hrs. after charging for 10 min.)
Talk time	11:30 hrs
Charging time	1:40 hrs
Max. charging voltage	4.35 V
Max. charging current	105 mA
Charging socket	USB-C
USB cable	USB-A (straight) to USB-C (angled), 1.0 m

Environmental conditions

Operating temperature range	-10 – +60 °C
Charging temperature range	0 – +45 °C
Degree of protection	IPX4

Hard case

Dimensions W x H x D	90 x 135 x 30 mm
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SUPPLIED ACCESSORIES

- 5 pairs of silicone ear tips, sizes XS, S, M, L, XL
- USB cable for charging and data transfer
- Hard case
- Quick start guide

OPTIONAL ACCESSORIES

- Comply™ foam ear tips (T-500 series)

REPLACEMENT PARTS

- Set of silicone ear tips (5 pairs) Order # 936.057
- Hard case Order # 936.073
- USB cable (USB-A to USB-C) Order # 936.065

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