beyerdynamic

Blue BYRD (2nd generation)

Bluetooth®-In-Ear-Headset
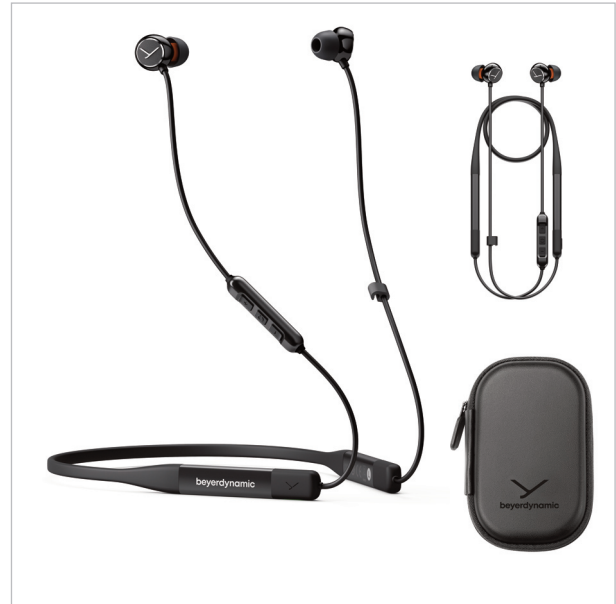
Order # 717.649

Bluetooth® **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.

For further distributors worldwide, please go to www.beyerdynamic.com
Non-contractual illustrations. Contents subject to change without notice. E3/Blue BYRD (2nd generation) (09.21)

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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 ration. . . . . 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, RFCOMM1.2, GAVDP 1.3
Supported codecs. . . . . aptX™ Adaptive, aptX™,
                                        AAC, SBC
Speech enhancement . . Qualcomm® cVc™ (8th 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

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

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

OPTIONAL ACCESSORIES
· Comply™ foam ear tips von Comply™
  (T-500 series)

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