

beyerdynamic
Blue BYRD ANC
(2nd generation)

Bluetooth® In-Ear Headset

Order# 728.535



Qualcomm® aptX™ Adaptive



FEATURES

- High-performance beyerdynamic sound with digital hybrid ANC, Transparency Mode and first-class microphone with Qualcomm® cVc™ for excellent speech intelligibility
- Versatile use for work and leisure — always at hand with the practical neckband
- Up to 14 hours battery life (10 min. charge for für 2 hrs. playtime)
- High wearing comfort due to the unique flat housing design and five pairs of high-quality eartips
- Multipoint Bluetooth® 5.2, Alexa Built-in®, Google Fast Pair® and latest audio codecs Qualcomm® aptX™ Adaptive & AAC

APPLICATIONS

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

- For concentrated work in a noisy environment due to ANC
- For telephone and conference calls (in the home office, on the road or in the company) due to the integrated remote control with microphone
- For listening to music and watching videos
- For access to personal assistants such as Siri®, Google Assistant®, Amazon Alexa®
- Can also be used in the rain and during sports due to IPX4 protection class

CREATE THE AMAZING

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DESCRIPTION

The Blue BYRD ANC (2nd generation) is perfect for work and everyday life. In addition to the excellent beyerdynamic sound with or without ANC, this Bluetooth® in-ear headset provides more features.

Due to ANC and the Transparency Mode, outside noise can be faded in or out by pressing a button. The excellent voice quality makes every meeting easier – whether in home office, on the road or in the office.

Technologies such as Qualcomm® aptX™ Adaptive, AAC and Qualcomm® cVc™ technologies ensure a precise sound image and thus even more listening pleasure on all end devices.

Google Fast Pair® makes it easy to pair with Android devices. Daily use is further enhanced by the simple operation of voice assistants such as Alexa®, Google Assistant® and Siri®.

With the beyerdynamic MIY app, the sound can be personalised and tuned to your own hearing.

With a range of 10 metres, the Blue BYRD ANC (2nd generation) allows for appropriate freedom of movement, whereby it can be used with all Bluetooth®-enabled devices such as smartphones, tablets or computers. A connection via USB is also possible with compatible playback devices, and while charging, you can continue to use the Blue BYRD ANC (2nd generation) while charging.

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

The ergonomically flat shape of the earphones and a selection of five pairs of eartips in different sizes ensure comfortable wearing and a secure fit in the ear.

When not in use, the Blue BYRD ANC (2nd generation) can be compactly folded and stored or transported in the supplied high-quality hard case.

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TECHNICAL SPECIFICATIONS

Earphone

Transducer type..... Dynamic
Operating principle..... Closed
Frequency response..... 10 – 28,000 Hz
Sound coupling to the ear..... In-ear
T.H.D.< 0.089% bei 1 kHz
Compliant with EN 50332..... Yes
Weight..... 33 g
Cable length (between both earphones)..... 0.84 m
Digital wired
audio transmission possible..... Yes

Microphone

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

ANC/Transparency Mode

Mode of operation ANC..... Digital, hybrid
(feed-back and feed-forward)
Adjustable levels..... ANC, Off, Transparency Mode

Bluetooth®

Bluetooth® version..... 5.2
Frequency response..... 2.400 – 2.4835 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™ (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
MFi conformity..... Yes
Amazon Alexa built-in®..... Yes
Firmware update possible..... Yes (via MIY app)
Multipoint..... Yes (max. 2 devices)
Sidetone support..... Yes (can be activated via MIY 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. without ANC
(2 hrs. after charging for 10 min)
up to 8:15 hrs. with ANC
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 to +60 °C
Charging temperature range..... 0 bis +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

- Silicone eartips in 5 sizes (XS, S, M, L, XL)
- USB cable for charging and data transfer
- Hard case
- Quick start guide

OPTIONAL ACCESSORIES

- Foam eartips from Comply™ (T-500 series)

REPLACEMENT PARTS

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

TRADEMARKS

Use of the Made for Apple badge means that an accessory has been designed to connect specifically to the Apple product(s) identified in the badge and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards. App Store is a service mark of Apple Inc.

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