

# AVENTHO 100

Wireless On-Ear Headphones



**AVENTHO 100**  
black  
Order # 1001613



**AVENTHO 100**  
cream  
Order # 1001609



**AVENTHO 100**  
brown  
Order # 1001608

## FEATURES

- Red Dot Award-winning design — high-quality materials such as aluminium yokes on the ear cups, replaceable ear pads and a foldable design
- Closed-back design, on-ear
- Customised performance and software updates with the beyerdynamic App
- Active noise cancellation (ANC) and transparency mode
- Microphones with cVc™ technology\* for perfect intelligibility of speech in calls and mobile meetings
- Audio codecs such as aptX™ Adaptive, aptX™ Lossless and AAC for perfect sound
- Smart features for fast connection with multiple devices simultaneously such as Multipoint Bluetooth® 5.4 or Google Fast Pair
- Battery life more than 60 hours; up to 40 hours with ANC

## BOX CONTENTS

- AVENTHO 100 headphones
- USB-C charging cable
- 3.5 mm AUX cable
- Soft carry bag
- Quick start guide
- Compliance booklet

\*cVc™ = clear Voice capture is a technology from Qualcomm® for echo and noise cancellation in microphones for crystal-clear voice quality when making calls



**beyerdynamic**



Qualcomm® aptX™ Adaptive

beyerdynamic GmbH & Co. KG  
Theresienstr. 8 • 74072 Heilbronn / Germany  
Tel. +49 (0) 71 31 / 617 - 300 • [info@beyerdynamic.com](mailto:info@beyerdynamic.com) • [www.beyerdynamic.com](http://www.beyerdynamic.com)

✓ 1/2

For further distributors worldwide, please go to [www.beyerdynamic.com](http://www.beyerdynamic.com)  
Non-contractual illustrations. Contents subject to change without notice. E1/AVENTHO 100 (05.25)

# AVENTHO 100

## Wireless On-Ear Headphones

### DESCRIPTION

AVENTHO 100 are wireless on-ear headphones with a closed-back design. The foldable design makes them ideal for use at home as well as when on the move.

Due to the active noise cancellation (ANC), background noise is reduced to a minimum. If required, the transparency mode allows you to perceive your surroundings.

The powerful driver with codecs such as aptX™ Adaptive, aptX™ Lossless and AAC provides a perfect audio reproduction. Integrated microphones with cVc™-technology ensure excellent intelligibility of speech.

Multipoint Bluetooth 5.4 or Google Fast Pair allow music to be played from different sources.

High-quality materials and replaceable ear pads ensure comfortable wearing and durability.

The free beyerdynamic app can be used to customise music playback or device control. Software updates are also available via the app.

The AVENTHO 100 is easily charged using the supplied USB-C cable. The battery lasts up to 40 hours with ANC switched on before recharging.

### TRADEMARKS

The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth® SIG, Inc. and any use of such marks by beyerdynamic is under license. Other trademarks and trade names are those of their respective owners.

USB Type-A, USB Type-B and USB Type-C are trademarks of USB Implementers.

Qualcomm® is a registered trademark of Qualcomm Incorporated in the United States and other countries. aptX™ is a registered trademark of Qualcomm Technologies International, Ltd.

### TECHNICAL SPECIFICATIONS

Transducer	Dynamic 45 mm driver (48 Ω)
Acoustic design	Closed-back
Wearing type	On-ear
Frequency response	20 - 22,000 Hz
Bluetooth® frequency range	2,400 - 2,483.5 MHz
Bluetooth® version	5.4
Supported Bluetooth® profiles	AVDTP 1.3 AVCTP 1.4 GAVDP 1.3 SPP 1.2 RFCOMM 1.2 A2DP 1.4 AVRCP 1.6.2 HFP 1.9
Supported audio codecs	AAC SBC aptX™ Lossless aptX™ Adaptive,
Firmware update is possible	Yes, OTA update via beyerdynamic App
Transmitting power	≤ 10 dBm
Range	up to 15 m
Operating temperature range	-10 to +50 °C
Charging temperature range	0 to +45 °C
Battery capacity	630 mAh
Battery runtime	up to 60 hrs. (without ANC) up to 40 hrs. (with ANC)
Charging time	1.5 hrs.
Fast charging	15 min for 15 hrs. listening time
Charging port type	USB-C
Type of cable	USB-C
Microphone type	4 x digital mics (2 FF & 2 FB) 2 ENG mics
Weight (without cable)	220 g
Protection class	IP 53



**beyerdynamic**



Qualcomm® aptX™ Adaptive