

# Amiron wireless

Wireless Headphones

Order # 718.394



## FEATURES

- Dynamic Tesla high-end drivers
- Closed design
- Bluetooth® wireless technology for more freedom of movement
- Operation via touch pad
- Range up to 10 m
- Battery runtime > 30 hrs.
- Audio codecs: Qualcomm® aptX™, aptX™ LL and aptX™ HD, Advanced Audio Coding (AAC), Low Complexity Subband Codec (SBC)
- LED to indicate the operating status
- With voice prompts regarding the battery level

## TECHNICAL SPECIFICATIONS

Transducer type	dynamic, Tesla
Operating principle	closed
Frequency response	5 – 40,000 Hz (wired operation)
Nominal impedance	32 Ω
Nominal SPL with jack plug cable	100 dB SPL (1 mW / 500 Hz)
Nominal power handling capacity	200 mW
T.H.D	< 0.05% @ 500 Hz
Sound coupling to the ear	circumaural
Cable length and connector	1.2 m, detachable, 4-pole mini stereo jack (3.5 mm)
Bluetooth®	4.2 version
Frequency range	2.4000 – 2.4835 GHz
Power class	2.0
Supported profiles	HSP, HFP, A2DP, AVRCP, GAVDP
Supported codecs	aptX™, aptX™ LL, aptX™ HD, AAC, SBC
Operating range	up to 10 m
Battery runtime	> 30 hrs.
Charging time	2 hrs.
Battery capacity	1050 mAh
Charging port	USB-C
Operating temperature	0 – 40 °C
Weight without cable	380 g

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## DESCRIPTION

The Amiron wireless headphone provides a fascinating spatial and realistic sound due to state-of-the-art Tesla high-end drivers. The basses are deep and precise, the mids are full and natural, the highs are silky and clear.

Its workmanship is solid and flawless – Made in Germany. Selected materials for ear pads and headband as well as a balanced headband pressure ensure a first-class comfort when wearing.

With the beyerdynamic MIY app, users can personalise the sound of their Amiron wireless. The heart of this app is the award-winning sound personalisation of Mimi Hearing Technologies. The sound is exactly adapted to the personal hearing profile of the user. At the same time, the app provides information about the listening habits of the user, so that the hearing can be preserved. The app is available for Apple iOS and Android and can be downloaded from the Apple App Store and Google Play Store.

The Bluetooth® wireless technology allows the use with all devices such as smartphones, tablets or computers that also make use of this technology. A range of up to 10 meters allows enough freedom of movement. The following codecs are used in transmission with Bluetooth®: Qualcomm®, aptX™, aptX™ HD, Apple AAC and aptX™ LL for audio transmission with a minimum delay. If a Bluetooth® wireless technology enabled product is not available or the battery is empty, the Amiron wireless can also be used with the supplied connection cable with a mini jack plug (3.5 mm) and remote control.

The headphones are switched on or off via a button. An LED integrated in the button displays the operating status. For conversations a microphone is integrated in the ear cup. A touch pad on the ear cup is used to control the media playback and calls. Voice prompts on the battery status also contribute to the ease of operation. The integrated battery itself is charged via the USB port on the right ear cup.

When not in use, the Amiron wireless can be stored in the included hard case.

## SUPPLIED ACCESSORIES

- Amiron wireless headphones
- Connecting cable with remote control, mini jack (3.5 mm) 1.2 m long, detachable, 4-pole
- Charging cable USB-A to USB-C
- Hard case