AMIRON 100

True Wireless Earphones

AMIRON 100
black
Order # 1000883

AMIRON 100
cream
Order # 1000884

FEATURES

- Closed design
- Easy handling
- Active noise cancellation (ANC) and transparency mode
- Six microphones for best speech quality
- Bluetooth® 5.3 for multi-point transmission and automatic play/pause function when inserting or taking off the earphones
- Customised settings via the beyerdynamic app
- Total battery life of 35 hours incl. quick charge function
- Splash-proof according to IP54 certification and sweat resistant

BOX CONTENTS

- Earphones left and right (L / R)
- Set of silicone ear tips (5 pairs XS, S, M, L, XL) one pair of silicone ear tips size "M" already mounted
- Charging case
- USB charging cable
- Quick start guide
- Compliance booklet

Bluetooth®

beyerdynamic

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AMIRON 100

True Wireless Earphones

DESCRIPTION

AMIRON 100 is a set of wireless Bluetooth® earphones with a closed design which is worn in the ear.

For optimal fit and perfect sound, 5 pairs of ear tips in different sizes are included in the delivery.

Thanks to Bluetooth® 5.3 with multi-point transmission, several devices can be connected to AMIRON 100 at the same time with consistent audio quality.

The active noise cancellation (ANC) effectively eliminates noise and allows undisturbed listening pleasure with consistently high sound quality. If necessary, the transparency mode can be activated.

When charging, the earphones are put into the charging case and charged via the battery of the charging case via USB-C or a wireless charging pad. The total battery life is 35 hours. You can use the quick charge function within 15 minutes for 3 hours of usage.

By tapping the touch pad, a multitude of functions are available such as playback, volume adjustment, answering calls, changing between ANC and transparency mode and call up voice assistance.

With the free beyerdynamic app the user can customise music playback or the device control. A 5-band equalizer makes it possible to use different sound preferences. Software updates are also available via the app.

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TECHNICAL SPECIFICATIONS

Transducer type	Dynamic
Acoustic design	Closed
Wearing type	In-ear
Frequency response	20 - 22,000 Hz
Impedance	32 Ω
Max. sound pressure level	95 dB
Total Harmonic Distortion	< 0.5% @ 100 Hz < 0.5% @ 500 Hz < 0.5% @ 1 kHz
Background noise	Ambient: < 10 dB SPL ANC ON: < 15 dB SPL ANC OFF: < -5 dB SPL
Bluetooth® frequency range	2,402 - 2,480 MHz
Bluetooth® version	5.3
Supported Bluetooth® profiles	HFP A2DP AVRCP
Supported audio codecs	AAC, SBC
Firmware update	possible via app
Transmitting power	< 7 dBm (EIRP)
Range	15 m
Operating temperature range	-10 to +45 °C
Charging temperature range	0 to +45 °C
Battery runtime	up to 8 hrs. (6 hrs. with ANC), additional 27 hrs. when recharging in the charging case; talktime up to 5 hrs. (ANC off)
Charging case dimensions	43 x 25.8 x 48.35 mm
Charging case weight	41.57 g
Charging time (earphones outside the charging case)	< 1 hr.
Charging port type	USB-C
Type of charging cable	USB-A to USB-C
Microphone type	MEMS, omnidirectional
Weight	4.15 g per earphone without eartip

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