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## beyerdynamic Amiron Wireless

# beyerdynamic Amiron Wireless Headphones Instruction Manual

Model: Amiron Wireless

## INTRODUCTION

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The beyerdynamic Amiron Wireless headphones are designed to provide a high-end audio experience with the freedom of wireless connectivity. These headphones integrate innovative sound personalization and Tesla technology for optimal sound quality. They are crafted with high-quality materials in Germany, ensuring durability and a comfortable fit for extended listening sessions.

## WHAT'S IN THE BOX

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Your beyerdynamic Amiron Wireless headphones package includes the following items:

- Amiron Wireless headphones
- Optional wired connection 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
- Warranty booklet
- Quick start guide





Image: The Amiron Wireless headphones, charging cable, audio cable, and hard case.

## PRODUCT OVERVIEW

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The Amiron Wireless headphones are designed for an immersive audio experience, combining advanced technology with user comfort.

## Key Features:

- **High-end Bluetooth Connectivity:** Features optimum sound quality thanks to Tesla technology and top-class Bluetooth transmission (Qualcomm aptX HD and AAC). Operating range up to 10 meters.
- **Sound Personalization:** Adapts acoustically to the user's hearing through an integrated sound personalization feature, ensuring a tailored audio experience.
- **Comfort:** Unique wearing comfort achieved through masterfully balanced contact pressure and a perfect fit, ideal for long listening sessions.
- **Premium Build:** Made in Germany with high-quality materials, offering durability and flawless workmanship.
- **Touch Control:** Intuitive touch controls on the earcup for easy management of playback and calls.



Image: Side view of the Amiron Wireless headphones, highlighting the earcup design and headband.

## SETUP

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## 1. Charging the Headphones

Before first use, ensure your Amiron Wireless headphones are fully charged. Connect the provided USB-A to USB-C charging cable to the USB-C port on the headphone and a suitable USB power source. A full charge takes approximately 2 hours and provides over 30 hours of battery life.

## 2. Bluetooth Pairing

To pair your headphones with a Bluetooth-enabled device:

1. Ensure the headphones are charged and turned off.
2. Press and hold the power button on the headphone until the LED indicator flashes blue and red, indicating pairing mode.
3. On your device (smartphone, tablet, etc.), go to Bluetooth settings and select "Amiron Wireless" from the list of available devices.
4. Once connected, the LED indicator will show a steady blue light.

## 3. Sound Personalization (MIY App)

For an optimized listening experience, download the beyerdynamic MIY app from the Google Play Store or Apple App Store. The app allows you to perform a hearing test and create a personalized sound profile that adapts the audio output to your individual hearing. This profile is then stored directly on the headphones.

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Video: An overview of the beyerdynamic Amiron Wireless headphones, including unboxing and features like sound personalization and touch controls.

## OPERATING INSTRUCTIONS

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### Touchpad Controls

The right earcup features an integrated touchpad for intuitive control of various functions:

- **Volume Control:** Swipe up or down on the touchpad.
- **Track Navigation:** Swipe forward for the next track, backward for the previous track.
- **Play/Pause:** Tap the center of the touchpad.
- **Call Management:** Tap to answer/end calls, push and hold for voice commands (Siri, Google Assistant).

The sensitivity of these touch controls can be customized via the MIY app.

### Wired Operation

For a wired connection, plug the provided 3.5 mm audio cable into the headphone's audio jack and your audio source. This allows for passive use even if the battery is depleted or while charging. The inline remote on the cable provides basic playback and call controls.



Image: A user enjoying music with the Amiron Wireless headphones, demonstrating the touch controls on the earcup.

## SOUND QUALITY

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The Amiron Wireless headphones deliver a dynamic and detailed sound profile, characterized by:

- **Bass:** Powerful and precise low-end with good impact, without overpowering other frequencies.
- **Mid-range:** Natural and clear, providing excellent reproduction of vocals and instruments.
- **Treble:** Detailed and smooth high-end, avoiding harshness even at higher frequencies, contributing to an airy sound.
- **Soundstage:** Offers impressive depth and precise instrument placement, creating a spacious and immersive listening experience.

The sound personalization feature via the MIY app further enhances the audio quality by tailoring it to your unique hearing profile.

## COMFORT AND DESIGN

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The Amiron Wireless headphones prioritize comfort and a robust build:

- **Earpads:** Equipped with soft, velour earpads that provide a comfortable fit and contribute to sound isolation.
- **Headband:** Features a leatherette headband with ample padding for reduced pressure during prolonged use.
- **Materials:** Constructed with high-quality materials, including metal components, ensuring durability and a premium feel.
- **Fit:** Designed for a balanced contact pressure and secure fit, making them suitable for home listening.



Image: A user enjoying music with the Amiron Wireless headphones in a relaxed setting, showcasing their comfortable design.

## SPECIFICATIONS

Feature	Detail
Model Name	Amiron Wireless
Connectivity Technology	Wireless Version (Bluetooth 4.0)
Wireless Communication Technology	Bluetooth
Frequency Response	5 - 40,000 Hz
Impedance	32 Ohms
Sensitivity	100 dB
Battery Life	30 Hours
Charging Time	2 Hours (for 30 hours playback)
Bluetooth Range	10 Meters
Control Method	Touch (Media Control)
Noise Control	Sound Isolation
Item Weight	13.4 ounces
Product Dimensions	8.07 x 4.13 x 5.9 inches
Manufacturer	Beyerdynamic, Inc.

## MAINTENANCE

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To ensure the longevity and optimal performance of your beyerdynamic Amiron Wireless headphones, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the earcups and headband. Avoid using harsh chemicals or abrasive materials.
- **Storage:** When not in use, store the headphones in their provided hard case to protect them from dust, scratches, and impacts.
- **Battery Care:** Avoid fully discharging the battery frequently. For long-term storage, charge the battery to around 50% to prolong its lifespan.
- **Moisture:** Keep the headphones away from moisture and extreme temperatures.

## TROUBLESHOOTING

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If you encounter issues with your Amiron Wireless headphones, try the following solutions:

- **No Power:** Ensure the headphones are fully charged using the provided USB-C cable.
- **Cannot Pair via Bluetooth:**
  - Make sure the headphones are in pairing mode (LED flashing blue and red).
  - Ensure Bluetooth is enabled on your device.
  - Move the headphones closer to your device (within 10 meters).
  - Try unpairing and re-pairing the headphones from your device's Bluetooth settings.
- **No Sound/Low Volume:**
  - Check the volume levels on both the headphones (via touchpad) and your connected device.
  - Ensure the headphones are properly paired.
  - If using the wired connection, ensure the cable is securely plugged into both the headphones and the audio source.
- **Sound Distortion:**
  - Reduce the volume on your device and/or headphones.
  - Ensure there are no obstructions between the headphones and your Bluetooth device.

## WARRANTY AND SUPPORT

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The beyerdynamic Amiron Wireless headphones are manufactured in Germany using high-quality materials, offering durability and flawless workmanship. Please refer to the included warranty booklet for detailed information regarding your product's warranty coverage.

For further assistance, technical support, or service inquiries, please visit the official beyerdynamic website or contact their customer service department.

You can also visit the [beyerdynamic Store on Amazon](#) for additional product information and support resources.