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Aiwa 4001

Aiwa Arc-1 Bluetooth Over-Ear Wireless Headphones User Manual

Model: 4001

INTRODUCTION

This manual provides comprehensive instructions for the setup, operation, maintenance, and troubleshooting of your Aiwa Arc-1 Bluetooth Over-Ear Wireless Headphones. Please read this manual thoroughly before using the product to ensure optimal performance and longevity.

WHAT'S IN THE BOX

- Aiwa Arc-1 Bluetooth Over-Ear Wireless Headphones
- Heavy-Duty Travel Case
- Nylon-Wrapped Micro USB Charge/Data Cable
- 3.5mm Audio Cable
- Replaceable Ear Cups

PRODUCT OVERVIEW

The Aiwa Arc-1 headphones are designed for high-fidelity audio and comfort. Key features include 40mm biocellulose drivers, 20-hour battery life, and Q-Connect technology for multi-device pairing and music sharing.





Figure 1: Aiwa Arc-1 Bluetooth Over-Ear Wireless Headphones. The headphones feature a black finish with silver accents on the headband and red inner earcups.

Sound Quality and Driver Technology

The Arc-1 headphones utilize 40mm dynamic biocellulose drivers combined with 24-bit DSP and Bluetooth aptX codecs. This advanced driver design ensures crystal clear, distortion-free sound across the entire frequency range, from deep bass to high treble.



Figure 2: Comparison of a standard Mylar driver and the Aiwa Arc-1 Biocellulose driver. The biocellulose driver is designed for superior sound accuracy and speed.

The biocellulose composite speaker cone, with its flexible surround, allows for free movement and reduces breakup distortion, resulting in enhanced dynamics and cleaner sound reproduction.

Comfort and Design

Weighing approximately 8 ounces, the Arc-1 headphones are lightweight and comfortable for extended wear. The replaceable leather ear pads contribute to effective passive noise cancellation.



Figure 3: A person wearing the Aiwa Arc-1 headphones, demonstrating their comfortable over-ear design.

Controls

The headphones feature intuitive controls for power, volume adjustment, track skipping, and call management. Refer to the detailed diagram in the Quick Start Guide for specific button locations.

Official Product Video: Driver Technology Explanation

Your browser does not support the video tag.

Video 1: Aiwa's Chairman Joe Born explains the advanced driver technology used in the Arc-1 headphones, highlighting the benefits of the biocellulose composite cone for sound quality.

SETUP

Charging the Headphones

Before first use, fully charge your Arc-1 headphones. Connect the supplied Micro USB cable to the charging port on the

headphones and the other end to a USB power source (e.g., computer, wall adapter). The LED indicator will show charging status. A full charge provides up to 20 hours of playtime, with a quick 15-minute charge offering 3 hours of playback.

Bluetooth Pairing

1. Ensure the headphones are powered off.
2. Press and hold the power button until the LED indicator flashes blue and red, indicating pairing mode.
3. On your device (smartphone, tablet, laptop), enable Bluetooth and search for available devices.
4. Select "Aiwa Arc-1" from the list of devices.
5. Once connected, the LED indicator will show a solid blue light.

OPERATING INSTRUCTIONS

Basic Functions

- **Power On/Off:** Press and hold the power button.
- **Volume Control:** Use the volume up/down buttons.
- **Play/Pause:** Press the multi-function button once.
- **Next Track:** Press and hold the volume up button.
- **Previous Track:** Press and hold the volume down button.
- **Answer/End Call:** Press the multi-function button once.
- **Reject Call:** Press and hold the multi-function button.
- **Voice Assistant:** Double-press the multi-function button.

Q-Connect Technology

The Arc-1 features Q-Connect technology, allowing seamless connection to two Bluetooth source devices simultaneously. This enables you to switch between devices without re-pairing. Additionally, Q-Connect allows you to share music with another set of any brand of Bluetooth headphones.



Figure 4: Illustration of the Multi-Connect feature, demonstrating simultaneous connection to two Bluetooth devices.



Figure 5: The Q-Connect feature allows sharing music with another pair of Bluetooth headphones.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the headphones. Do not use harsh chemicals or abrasive materials.
- **Storage:** Store the headphones in the provided heavy-duty travel case when not in use to protect them from dust and damage.
- **Ear Pads:** The ear pads are replaceable. Refer to the Aiwa website or contact customer support for replacement parts and instructions.
- **Water Resistance:** These headphones are not water resistant. Avoid exposure to liquids.

TROUBLESHOOTING

| Problem | Solution |
|-----------------------------|---|
| Headphones do not power on. | Ensure the headphones are charged. Connect to a power source using the USB cable. |
| Cannot pair with a device. | Ensure headphones are in pairing mode (flashing blue/red LED). Turn off and on Bluetooth on your device. Move closer to the device. |
| No sound or low volume. | Check volume levels on both headphones and the connected device. Ensure the headphones are properly connected via Bluetooth or the 3.5mm audio cable. |
| Sound is distorted. | Move closer to the connected device to avoid interference. Ensure the audio source quality is good. |

SPECIFICATIONS

| Feature | Detail |
|-------------------------|--------------------------|
| Model Number | 4001 |
| Connectivity Technology | Wireless (Bluetooth 4.2) |
| Headphones Jack | 3.5 mm Jack |
| Audio Driver Type | Dynamic Driver |
| Audio Driver Size | 40 Millimeters |
| Battery Life | 20 Hours |

| Feature | Detail |
|------------------|--|
| Charging Time | 15 minutes for 3 hours playback (fast charging) |
| Item Weight | 9 ounces (approx. 255 grams) |
| Ear Placement | Over Ear |
| Noise Control | Passive Noise Cancellation |
| Special Features | Built-in Microphones, Hi-Fi stereo, Deep Bass, Lightweight, APTX, Q-Connect, Dual Device Support |
| Material | Aluminum |
| UPC | 811087020290 |

WARRANTY AND SUPPORT

For warranty information, technical support, or to purchase replacement parts, please visit the official Aiwa website or contact their customer service department. Keep your proof of purchase for warranty claims.

Aiwa Store Link: [Visit the Aiwa Store on Amazon](#)