

aiwa®

Arc-1 Bluetooth® Headphones



Manual & Quick Start Guide

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Thank You.

We proudly represent the Aiwa brand in the passionate pursuit of bringing a true "audiophile" music experience to everyone.

We're honored you've chosen the Arc-1 as your new pair of headphones. The Arc-1 is focused entirely on uncompromised sound and is unlike anything in its class. The driver combines a highly accurate, lightweight voice coil with a stiff biocellulose-based cone and a flexible soft surround. It's combined with removable protein leather earcups and a top-of-the-line Qualcomm/CSR 8670 Bluetooth & DSP module.

We have a shorthand phrase for how we approach making great-sounding products - "Double the Hardware." It means putting more care, effort, and money into the product (the "hardware") - and less into packaging, excessive flashy marketing, and middlemen.

We Take Care of Our Customers - Period.

You're covered by a 3-year warranty and a 90-day "No Questions Asked" return policy. And if you decide you want to return them for any reason within the first 90 days, you can, for a full refund. And if the headphones fail due to a defect in 3 years, you'll get a replacement.

If you ever have an issue with your headphones, contact us directly. Our customer service email service@aiwa.us.com and your batch number are printed inside the left ear cup, and that's all the information you need to initiate a return - no searching around for receipts or jumping through hoops.

Control Layout

In the Box:
1x Arc-1 Bluetooth Headphone
1x Carrying Case
1x USB-A to Micro-USB Charging and Data Cable
1x 3.5mm Stereo Audio Cable

Quick Start Guide

To power on:

- Press & hold 2 seconds

To make a Bluetooth connection:

- Press & hold, release after 2 seconds. LED will blink green + white. Headphones will say "Pairing".
- Use your Bluetooth-enabled device (smartphone, tablet, PC, etc.) to find the Aiwa Arc-1. Pair & connect using the device.
- Upon a successful connection, you will hear "Connected" from the Arc-1, and your source device should also indicate a connection.

Control Reference

	Power on: Hold 2 sec.
	Power off: Hold 4 sec.
	Play / pause: Press 1x
	Volume up: Press 1x
	Next track: Hold 2 sec.
	Volume down: Press 1x
	Previous track: Hold 2 sec.

For Calls:

	Answer call: Press 1x
	Reject call: Hold 1 sec.
	End call: Press 1x (during call)

Adjusting Fit

To adjust the headphones: Place the headband on your head, and grasp the metal sliders above the ear cups. Gently but firmly pull downwards on both sides until the ear cups are centered with your ears.

Note: Pulling with too much force on the sliders can damage the headphone. Only gentle force is necessary to adjust the fit.

Making a Second Connection

The Arc-1 supports two simultaneous connections - you can connect them to two phones, tablets, or other Bluetooth-enabled devices at once. The headphones will only play audio from one source at a time, even if audio is active on both.

Connect to your first device using the instructions on page 4. Next, press and hold the pairing button for 4 seconds until you hear a beep and the LED starts blinking. You can now pair with and connect to a second device.

To switch between audio sources, pause the audio on the first device, and then start playing audio on the second device. The headphones will automatically switch to the second device after a few seconds.

If you receive a call while connected to two devices, you can answer the call as normal, even if you're listening to audio from the other device. Your audio from the other device will resume when the call ends.

Using Qconnect (Beta Feature)

Your headphones can connect to another set of Bluetooth headphones, so you and a friend can both listen to the same music together. Your friend simply pairs his / her Bluetooth headphones (from any manufacturer) directly to the Arc-1 following the procedure below. There is a slight delay in the audio on the 2nd headphone, so it's not ideal for video, but Qconnect is a great way to share music, podcasts, or audiobooks.

- Make sure your Arc-1 headphones are already connected to an audio source. Press & hold pairing button for 4 seconds. LED on power button will blink green + white.
- Place the second Bluetooth device as close as possible to the Arc-1. It uses signal strength to determine which device to connect to.
- Enter pairing mode on the second device. The second device should automatically connect to the Arc-1 and start playing the same audio.

Battery Charging

The Arc-1 contains a rechargeable lithium battery. It is partially charged at the factory and should arrive with some residual charge, but it is best to charge the battery fully before using the headphones.

The Arc-1 has a battery indicator that shows you approximately how much charge is left.

Four lights means the battery is full; one light indicates the battery is almost empty. The headphones will also announce "Low Battery."

To charge the headphones, use the USB cable provided and connect it to a laptop, USB hub, or USB charging adapter. Using a "fast charging" adapter is not recommended and may damage the headphones.

Wired Connection

The Arc-1 headphones work even while powered off or with no battery - just plug in the included 3.5mm audio cable.

The wired connection also works while the headphone is powered on. If you are already listening to audio over the Bluetooth connection, the Arc-1 will switch to the 3.5mm input automatically. It will switch back as soon as you remove the 3.5mm cable. The Bluetooth connection will stay active and consume battery while the 3.5mm cable is connected, unless you turn off the headphones.

Note: the Arc-1 uses active DSP (Digital Signal Processing) to fine-tune the sound, but this only applies to the Bluetooth audio connection. You may notice a small variation in sound when using the wired connection. Having the wired connection bypass the DSP allows the headphone to operate with no battery charge.

Firmware Update

From time to time, Aiwa may release firmware updates to the Arc-1 headphone. These updates can affect anything from button functions to sound quality and are intended to improve the Arc-1 user experience.

How to update the Arc-1 firmware:

- 1) You will need a Windows PC to complete the update - unfortunately, software for OSX does not currently exist.
- 2) Visit the Aiwa website at www.aiwa.us.com to download the firmware update software.
- 3) The firmware download will include a README file. Follow the instructions in this file to proceed with the update.

Questions about the Firmware update? Reach out to customer service at service@aiwa.us.com.

Replacing Ear Pads

The Arc-1 ear pads are replaceable. If they become worn, you can go to www.aiwa.us.com to order replacement ear pads.

To remove the ear pad, firmly grasp the pad around the edges and turn it counterclockwise (while looking at the inside of the ear cup).

To attach the new ear pad, align the pegs on the headphone with the slots on the ear cup, and firmly but gently twist clockwise until the ear pad is properly aligned.

Troubleshooting

If you encounter an issue that isn't covered in this manual, don't fret! Check www.aiwa.us.com for the most up-to-date troubleshooting guide and FAQs. If you still have an issue, we're here for you. Contact customer service (service@aiwa.us.com) and we'll help solve the problem or answer your question as quickly as possible.

Specifications

Model:	Arc-1
Design principle:	Closed back, dynamic, circumaural
Driver type:	40mm dynamic
Driver technology:	Bonded biocellulose fiber composite
Impedance:	20 Ω
Frequency range:	15Hz to 20kHz
Max. input power:	40mW
Sensitivity:	115dB/mW at 1kHz IEC 318
Inputs:	3.5mm stereo mini jack, Bluetooth 4.2
Cable length:	1.2m
Weight:	258g
Materials:	Aluminum, protein leather, real leather, ABS
Bluetooth range:	10+ meters / 33+ feet
Battery life:	20 hours playback / 800 hour standby
Microphone type:	Internal powered
Supported codecs:	aptX, aptX LL, SBC, AAC
Bluetooth profiles:	HFP v1.6; HSP v1.2; A2DP v1.2; AVRCP v1.4; PBAP v1.0; MAP v1.0; SPP v1.0

Contact Us

The fastest and best way to get help with your headphones is to contact us directly at service@aiwa.us.com or call **(888) 982-8561**. We have full-time customer service agents working in the USA, who are best equipped to solve any problem you might have.

You can also find us on Facebook at www.facebook.com/Aiwa, or check out our website at www.aiwa.us.com.

Safety & Regulations

- Read all instructions.
- Do not expose this apparatus to water.
- Clean only with a dry cloth.
- Do not use near heat sources such as radiators or open flame.
- Always listen at a safe volume level. Extended listening at volume levels greater than 85dBa may permanently damage your hearing.
- Never charge a lithium battery in freezing temperatures. This can destroy the battery and cause a leak or even fire.

FCC Statement
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try and correct the interference by one or more of the following measures:
— Reorient or relocate the receiving antenna.
— Increase the separation between the equipment and receiver.
— Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
— Consult the dealer or an experienced radio/TV technician for help.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

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