



AR4

OWNER'S MANUAL

Welcome to wireless bass!

Welcome to your AR4 owner's manual. This guide will walk you through powering, pairing, connecting, and enjoying your AR4 wireless receiver—without guesswork, stress, or unnecessary cable archaeology.

What is the AR4?

The AR4 wireless receiver is the receiving half of RSL's wireless subwoofer system. It works in tandem with the AT4 wireless transmitter to deliver low-latency, high-quality audio to your subwoofer—without running long audio cables across your room.



The AR4 receives audio wirelessly from the AT4 using a 2.4GHz radio frequency connection. This provides a stable, responsive signal that keeps your bass tight, controlled, and perfectly timed with the rest of your system.

In short:

AT4 sends the bass. AR4 receives the bass. Your subwoofer does the rest.

What's in the box?

1. Owner's manual QR code card
2. AR4 Wireless Transmitter (TX)
3. USB-A power supply / wall adapter (1 amp)
4. USB-A to USB-C power cable
5. 3M double-sided mounting adhesive
6. Stereo RCA audio cable (red & white)



Key Features:

- Designed to pair seamlessly with the AT4 wireless transmitter
- Provides reliable wireless audio reception with minimal latency
- Simple setup with automatic re-pairing after power cycles
- Includes quality audio cables with gold-plated RCA connectors
- Allows flexible subwoofer placement without long cable runs
- Helps keep floors, walls, and relationships free of unnecessary wires



How to Power ON Your AR4

1. First, open the box. (This step remains undefeated.)
2. Locate the USB-A wall adapter and USB-A to USB-C power cable.
3. Connect the USB-A end of the power cable to the wall adapter.
4. Plug the wall adapter into a power outlet.
5. Connect the USB-C end of the cable to the AR4 receiver.

When powered correctly, the AR4 will display a slow-flashing blue light ring, indicating it is powered on but not yet paired.

If your AR4 was ordered together with an AT4 wireless transmitter, the two units arrive pre-paired. Once both are powered on, the blue light ring will turn solid, confirming a successful connection.



Pairing Your AR4 to an AT4

If Ordered Together as a Kit

- Good news: nothing to do here. 😊
- Your AR4 and AT4 are already paired at the factory. Simply power on both units, and they will automatically reconnect with solid blue lights.
- You may proceed to the “How to Connect” section.



If Pairing Is Required

- Place the AR4 near the subwoofer it will be connected to.
- Power on the AR4 by plugging it into a power outlet.
- Confirm the AR4's blue light ring is slowly flashing.
- Power on the AT4 transmitter as well.

Pairing Process

1. Press and hold the pairing button on the AT4 transmitter until its light ring begins rapidly blinking.
2. While the AT4 is blinking rapidly, press and hold the pairing button on the AR4 receiver for approximately 4 seconds, **then release**.
 - We know, counting seconds is subjective.
 - Some people count fast. Some count slow. Four seconds is our best compromise.
3. When pairing is successful, the AR4's and AT4's blue light ring will turn solid.
4. That's it. Your AR4 is now paired and ready for duty.



An important note about the Pairing Process...

It is important to release the pairing button, promptly, after the 4 seconds is up. Holding it too long will prevent pairing.

Once released, the AT4 and AR4's light rings will turn solid blue. Nice work. Proceed to the “How to Connect” section.

How to Connect to a Subwoofer

1. Locate the stereo RCA cable (red & white).
2. Plug one end of the cable into the left and right audio outputs on the AR4.
3. Red to red. White to white.
4. Plug the other end into your subwoofer's left and right line-level inputs.
5. Power on your subwoofer.
6. If everything is connected correctly, the AR4 will automatically re-pair with the AT4 and display a solid blue light ring.



Give your subwoofer a full power cycle if needed—and enjoy clean, wireless bass.

Troubleshooting and FAQ's

My AR4 won't pair. What should I check?

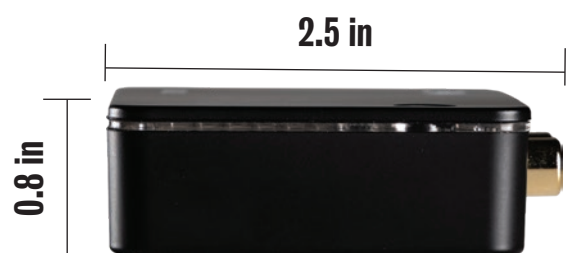
- Ensure both the AT4 and AR4 are powered on
- Confirm the AT4 is in rapid-blink pairing mode
- Hold the AR4 pairing button for about 4 seconds, then release
- Repeat the process using 3–5 seconds if needed

Can the AR4 work through walls or floors?

- No. Like the AT4, the AR4 uses radio frequencies that work around furniture and small objects, but not through large solid barriers such as walls or floors.

What is the wireless latency?

- Approximately 20 milliseconds, which is effectively imperceptible for subwoofer use.



Troubleshooting and FAQ's continued.

I'm experiencing occasional dropouts. How do I fix this?

- Reduce physical obstacles between the AT4 and AR4
- Increase distance from other wireless devices
- Reposition the AT4 using a longer RCA cable if needed

How many AR4 devices can one AT4 connect to?

- Up to four.
- In some setups, multiple AT4s may perform better. Contact us if unsure.

My AT4 is paired, but I hear no sound, what should I try?

- Power-cycle your Speedwoofer
 - Turn it off using the master switch
 - Wait for the power light to go out
 - Unplug it for 30 seconds
 - Plug it back in and turn it on
 - If needed, check your volume settings.

Can I use a different RCA cable?

- Yes. Any quality RCA cable works.
- For longer runs, we recommend dual-shielded cables.

Maximum range?

- Up to 50 ft, depending on obstacles and wireless traffic.

Is the AT4 waterproof?

- No.

Fire-resistant?

- No.

Bulletproof?

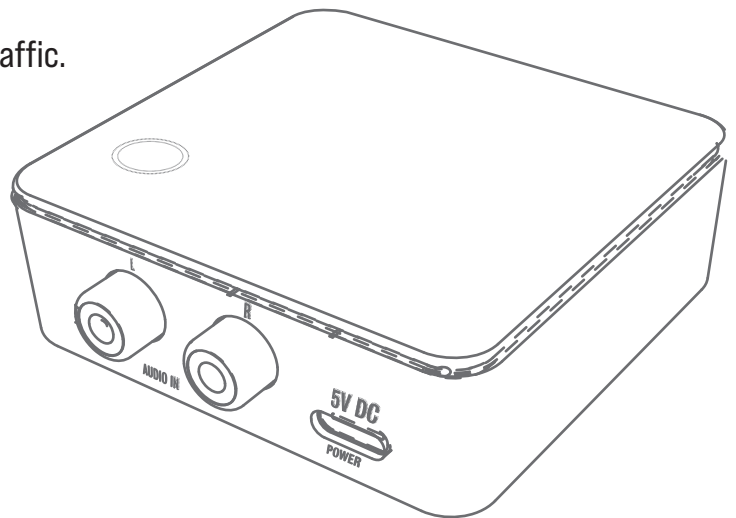
- Still no.

Voice-controlled?

- Not usually.

Can I stop reading now?

- Yes. You're officially done.



Thanks for sticking with us—and enjoy your wireless bass!