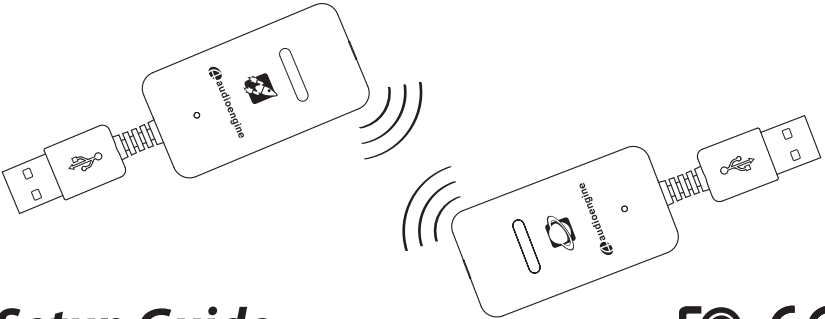




Model No.: **AW1**

Wireless Audio Sender/Receiver




Setup Guide



Safety Information

Information for Users on Disposal of Old Equipment



Attention:
This symbol is only valid in the European Union.

[European Union]
This symbol indicates that the electrical and electronic equipment should not be disposed as general household waste at its end-of-life. Instead, the product should be handed over to the applicable collection point for the recycling in accordance with your national legislation.

By disposing of this product correctly, you will help to conserve natural resources and will help prevent potential negative effects on the environment and human health that could otherwise be caused by inappropriate waste handling of this product. For more information about collection point and recycling of this product, please contact your local municipal office, your household waste disposal service or the shop where you purchased the product.

Penalties may be applicable for incorrect disposal of this waste, in accordance with national legislation.

[Other Countries outside the European Union]
If you wish to dispose of this product, please do so in accordance with applicable national legislation or other rules in your country for the treatment of old electrical and electronic equipment.

FCC
This device complies with Part 15 of the FCC Rules Operation that is subject to 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.

Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user authority to operate the equipment.

Introduction


Welcome to the Audioengine family and congratulations on your purchase of the Audioengine W1 Premium Wireless Audio Adapter!
The Audioengine team is dedicated to bringing you the highest quality listening experience possible. The Audioengine W1 (AW1) is designed with the same attention to detail and

operational simplicity as all Audioengine products. Our goal is to get you to your music as simply as possible, without all the “gadget tinkering” that other products require. As with our other past efforts, we thank all our customers and resellers for helping us create another great Audioengine product.

Configurations

Shown here are a few AW1 wireless configurations:

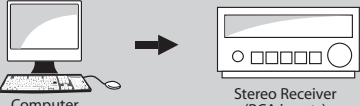
1 Computer USB Audio to Audioengine 5 (A5) Powered Speakers:



- 1) Connect the AW1 Sender to your computer's USB port.
- 2) For PC– Wait for the USB audio connection to be detected.
For Mac– Open “System Preferences” Control Panel, under “Hardware” select “Sound”, and under “Output”, select “Audioengine AW1”.
- 3) Connect the AW1 Receiver to the USB connector on the A5 ComboPort.
- 4) Connect the included mini-jack cable from the AW1 Receiver to the A5 ComboPort audio input.
- 5) The status indicators on the Sender and Receiver will blink for a few seconds and then go solid, indicating that they are linked.
- 6) Play your music!

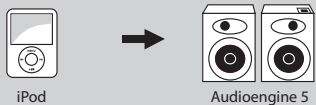
Note: With the Sender connected to your computer USB port you can also connect your iPod or any other audio source. Simply plug the iPod or other digital music player into the mini-jack at the end of the Sender. The computer will provide power to the Sender and the audio input will default to the AW1 Sender mini-jack input.

2 Computer to Stereo Receiver



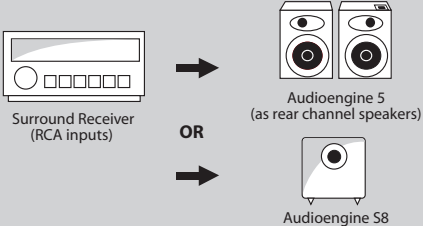
- 1) Connect the AW1 Sender to your computer by following steps 1 and 2 above.
- 2) Connect the AW1 Receiver to the included USB Power Adapter.
- 3) Plug the USB Power Adapter into an AC outlet.
- 4) Connect the included RCA “Y” adapter cable to the AW1 Receiver mini-jack output.
- 5) Connect an RCA cable from your stereo receiver's RCA inputs to the RCA “Y” adapter.
- 6) The status indicators on the Sender and Receiver will blink for a few seconds and then go solid, indicating that they are linked.
- 7) Play your music!

3 iPod or iPod dock to Audioengine 5 (A5) Powered Speakers



- Note:** This configuration applies to all digital music players.
- 1) Connect the AW1 Sender to the included USB Power Adapter.
 - 2) Connect the mini-jack cable from your iPod (or iPod dock) to the AW1 Sender.
 - 3) Plug the USB Power Adapter into an AC outlet.
 - 4) Plug the AW1 Receiver into the A5 ComboPort USB connector.
 - 5) Connect the included mini-jack cable from the AW1 Receiver to the A5 ComboPort audio input.
 - 6) The status indicators on the Sender and Receiver will blink for a few seconds and then go solid, indicating that they are linked.
 - 7) Play your music!

4 Wireless 5.1/6.1 Rear Channel or Subwoofer



- Note:** If you're using Audioengine A5 powered speakers in a rear channel application below, you may use the ComboPort USB power jack for the Receiver power. Otherwise, you can use your Apple iPod charger, USB phone charger, or purchase a second Audioengine USB power adapter.
- 1) Connect the AW1 Sender and Receiver to USB power adapters.
 - 2) Connect your surround sound receiver rear channel (or subwoofer) RCA outputs to the AW1 Sender input.
 - 3) Connect the AW1 Receiver to your powered rear channel speakers (or subwoofer).
 - 4) The status indicators on the Sender and Receiver will blink for a few seconds and then go solid, indicating that they are linked.
 - 5) Play your music!
- Note:** For setting up wireless rear channel powered speakers and a wireless subwoofer from your surround receiver, simply install 2 AW1 Sender/Receiver pairs and repeat the previous instructions.

About “PAIR” and “HOP” Functions

Pairing is a function by which two devices become acquainted. It's like meeting someone for the first time then

always remembering them. Once a Sender and Receiver are Paired, they will remember each other. You can Pair a Sender

Package Contents

- Wireless Audio Sender
- Wireless Audio Receiver
- USB AC power adapter
 - (1) RCA adapter “Y” cable
 - (2) Mini-jack (3.5mm) audio cables (20")
- Setup Guide

Features

- Easy setup - connects in seconds
- Works with Mac or PC - or without a computer
- Plug-n-play - no CD or downloads to install
- Super-compact size and no batteries required
- Plays all music formats from any media player

Cleaning


Your AW1 components are not water-resistant, so it's important that they should be kept free of moisture. You should clean only with a dry cloth or tissue and no liquid cleaners or solvents should be used.

Functional Overview


The Audioengine W1 is designed to connect your audio components wirelessly. You can think of AW1 as a simple replacement for any RCA or 3.5" mini-jack cable to or from your iPod, Audioengine powered speakers, computer, TV, surround-sound or stereo receiver, game console, network music player - or any other product where you want to eliminate audio cables.

The AW1 consists of 2 units, the “SENDER” and the “RECEIVER”. The AW1 Sender transmits audio from your computer through the USB port - or from any product with 3.5" mini-jack or RCA audio outputs (also known as low-level or line-level outputs). The other part of AW1, the Receiver, connects audio to any product which has mini-jack or RCA audio inputs.

The Sender and Receiver components look identical, but you can tell them apart by these markings, shown here:




Sender




Receiver

The bottom of each component has an audio jack with a symbol indicating whether the jack is an input or output:



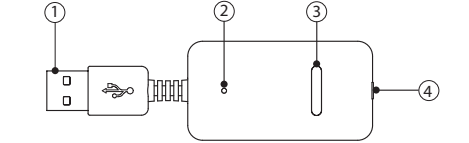
Sender (Bottom View)



Receiver (Bottom View)

The symbol with an arrow “going in” indicates that audio is transmitted from an audio player (such as computer, MP3 player, iPod, etc.) to the Sender.

The symbol with an arrow “going out” indicates that audio is transmitted from the Receiver to a speaker system.





General Setup

Setup is really simple. The AW1 Sender needs USB power and an audio input (either USB audio or audio into the mini-jack input on the end of the Sender). The AW1 Receiver also needs USB power and a place to send the audio to, such as Audioengine A5 powered speakers or a surround sound receiver.

There are many ways to use the AW1 Premium Wireless Audio Adapter. Some possible configurations are listed here and a few specific examples are shown in the Configuration section. These are by no means all the possible uses - they are just shown to give ideas for your own usage.

Possible configurations:

 Sender Connect to an input audio source	Computer		iPod	Digital music player	Receiver rear-channel RCA outputs	Receiver subwoofer RCA inputs
 Receiver Connect to an output audio source	Audioengine A5 or A2 powered speakers	Stereo receiver RCA inputs	Audioengine A5 or A2 powered speakers	Stereo receiver RCA inputs	Audioengine A5 or A2 (used as rear-channel surround speakers)	Audioengine S8 powered subwoofer

to more than one Receiver and then “Hop” between each, or vice-versa.

Note: Senders and Receivers packaged together are Paired out of the box, so if you're only using one Sender/Receiver set, no further configuration is needed.

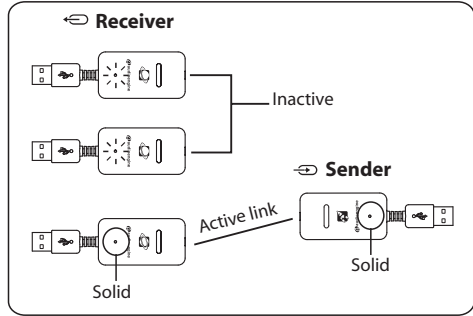
Pairing a Sender and Receiver:

- 1) Press and hold the button on the Sender for about 5 seconds until the status indicator blinks rapidly.
- 2) Press and hold the button on the Receiver for about 1 seconds until it's indicator also blinks rapidly.
- 3) Both Sender and Receiver status indicators will turn solid, indicating they are Paired.
- 4) Repeat these steps to Pair with additional Receivers.

Note: Up to 8 Receivers may be Paired with one Sender, allowing the Sender to Hop to multiple Receivers, one at a time. More than one Sender may also be Paired to a single Receiver, if desired.

Hopping between Senders and Receivers:

- 1) Momentarily press the button on the Sender. The status indicator will blink slowly and then go solid, indicating that it has Hopped to the next Receiver that is Paired in your system.
- 2) Press the Sender button again to Hop to other Receivers. You may Hop to up to 8 Paired Receivers, one at a time.



Troubleshooting

If no music is playing from your AW1 Sender/Receiver pair, try the following tips.

Problems	Tips
Sender and/or Receiver status indicators are not lit:	• Check that the Sender and Receiver are connected to power (from computer USB port and/or USB AC power adapter).
Sender and/or Receiver status indicators are blinking:	• If using a computer, check that the Sender (and not the Receiver) is connected to the computer USB port. • Repeat the Sender/Receiver Pairing process (see “About Pair and Hop Functions” section). • If multiple devices are Paired, press the Sender button to “Hop” to the desired Receiver.
Sender and Receiver status indicators are both solidly lit, but still no music:	• Check that the Sender is connected to your desired audio source and the Receiver's output is connected to the correct audio input. • Check that all cables are properly connected. • Check that your desired audio output source (into the Sender) is present. • Check that the Receiver's output is connected to the device which is powered on and working. • If connected to a computer, verify that USB Audio Device “Audioengine AW1” is selected in your system (see “Configurations” #1). • If connected to a computer and using iTunes, verify that “Computer” is selected in the lower right corner of iTunes. • If using a computer, check that the Sender (and not the Receiver) is connected to the computer USB port.

Support

If you have questions or issues that we can help you with, don't hesitate to email us at: support@audioengineusa.com or call toll-free in the United States at: **(877) 853-4447**

Technical Specifications

Item	Condition	Specification
Output level		mV 680
Frequency Response	100 Hz	dB 0
	(1 kHz = 0 dB) 10 kHz	dB 0
THD	%	0.1

Item	Condition	Specification
Signal - Noise Ratio		dB 92
Channel Separation	L > R	dB 70
	R > L	dB 70
Effective Distance	m	>30