

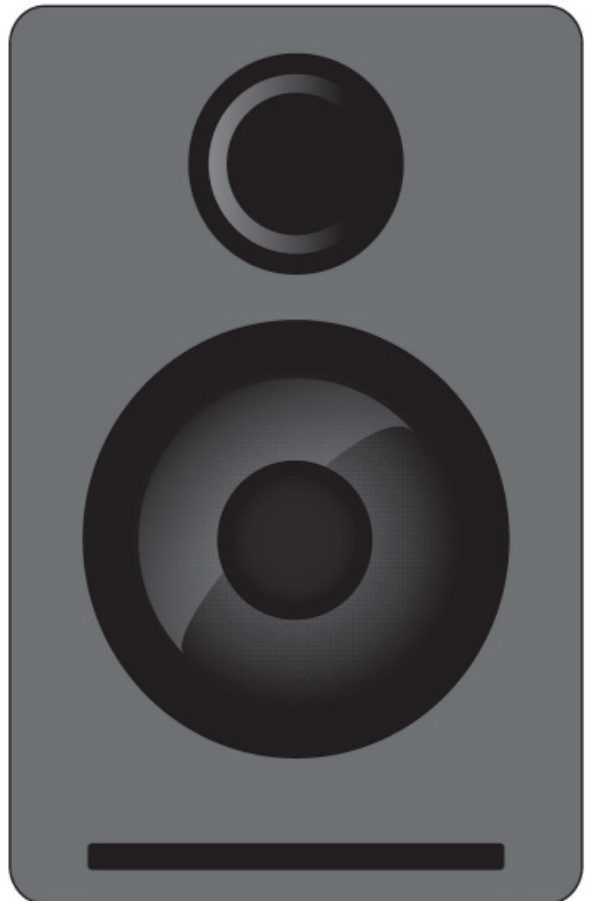
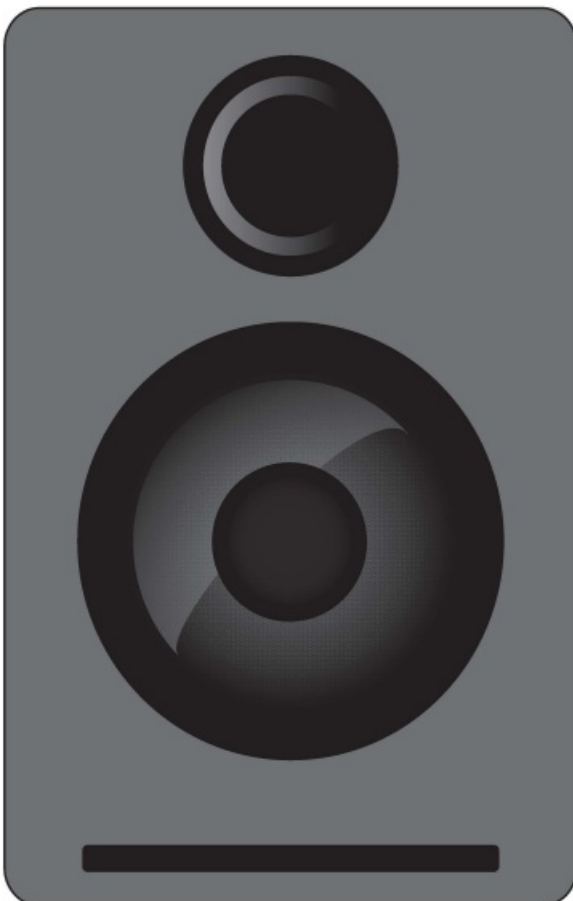


audioengine 772A1MR Premium Multiroom Speaker System User Guide

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772A1MR Premium Multiroom Speaker System User Guide



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772A1MR Premium Multiroom Speaker System

ONE-MR

Premium Multiroom Speaker System Quickstart Guide

Welcome to the Audioengine family and congratulations on your purchase of the Audioengine AI-MR Wireless Multi-room Music System.

Audioengine is dedicated to bringing you the highest-quality listening experience possible and the Audioengine AI-MR wireless speakers were designed with the same attention to detail and operational simplicity as all our other products.

We wish to sincerely thank our customers and the entire Audioengine team for the inspiration to create yet another great product.

Overview

Bring high-fidelity wireless music streaming into your home. Connect the AI-MR music system and stream from your favorite music service or directly from your music library using your phone, tablet, or computer.

Add multiple AI-MR systems or connect the Audioengine B-Fi streamer to other music systems for multi-room HD sound and stereo pairing. Control all your music from anywhere in your home and play any song in any room (or every room).

What's in the box

AI-MR powered (left) speaker AI-MR passive (right) speaker AC power cable Speaker wire Mini-jack audio cable Mini-jack to RCA audio cable

Features

Built-in power amplifiers High-fidelity wifi streaming Aux audio input Subwoofer output Custom aramid fiber woofers and silk tweeters Hand-built MDF wood cabinets

Safety Info

1. Please read these instructions before using this product.
2. Keep these instructions for future reference.
3. Heed all warnings on the product and in this guide.
4. Follow all instructions.

5. Do not use this apparatus near water or moisture.
6. Clean only with a dry cloth and as directed by the manufacturer.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources, such as radiators, heat registers, stoves or other apparatus that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding-type plug has two blades and a third grounding prong. The wider blade or third prong are provided for your safety.
10. Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Use only attachments or accessories specified by the manufacturer.
12. Use only with the cart, stand, tripod, bracket or table specified by the manufacturer or sold with the apparatus.
When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
13. Unplug this apparatus during lightning storms or when unused for long periods of time to prevent damage to this product.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way such as a power supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

Operating Temperature

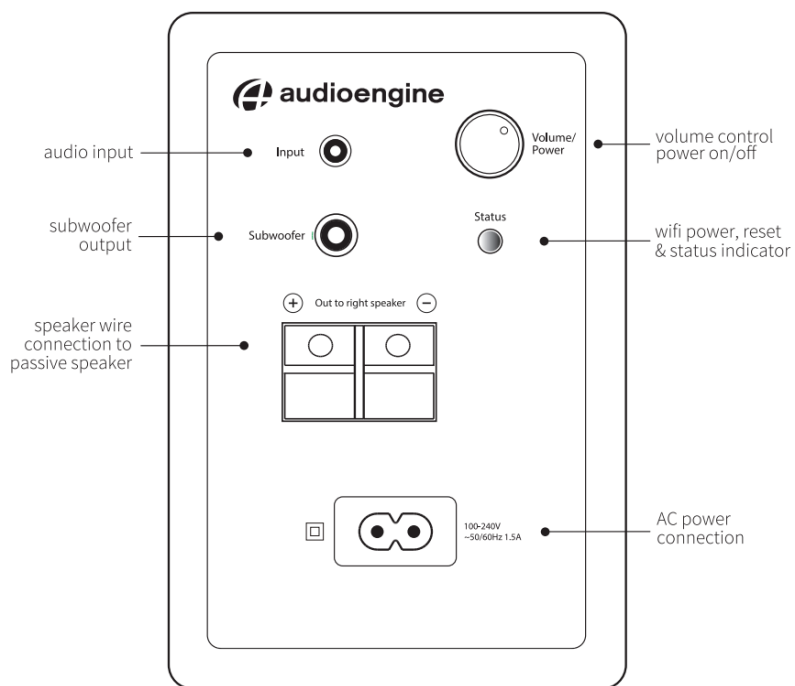
Range: 32° to 104°F (0° to 40°C)



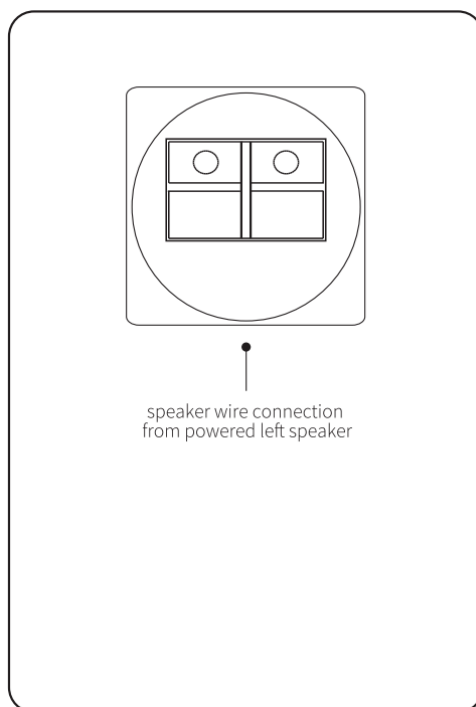
CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE THE COVER (OR BACK.) NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED PERSONNEL



AI-MR powered (left) speaker – rear panel



AI-MR passive (right) speaker – rear panel



Setup

1. Download the free Audioengine app from the Apple App Store for iOS or from Google Play for Android. AI-MR setup, as well as multi-room and stereo configurations, are done via the Audioengine app from an iOS or Android device.

<p style="text-align: center;">iOS app</p> 	<p style="text-align: center;">Android</p> 
<p>https://apps.apple.com/us/app/audioengine-control/id1504224080</p>	<p>https://play.google.com/store/apps/details?id=com.audioenginecontrol</p>

2. Connect the included speaker wire from the AI-MR left (powered) speaker to the right (passive) speaker, observing proper wire polarity to each speaker connector.
3. Connect the AC power cable to the AI-MR left speaker rear panel and plug the other end of the cable into a functioning power outlet.
4. Turn on power via the rear panel volume/power knob and set the volume to around 50% so you can hear the audio prompts during setup.
5. The AI-MR Status button on the rear panel will blink rapidly for 15 seconds, then a piano tone will play.
6. The AI-MR Status button will now blink more slowly and a voice will say: "Entering setup mode. Follow the instructions in the app to finish the setup."

If no piano tone or voice is heard after 15 seconds, increase the AI-MR volume level.

AI-MR will remain in setup mode (slow-blinking Status button) for 5 minutes before timing out.

To go back into setup mode, press and hold the AI-MR Status button for about 5 seconds until you hear the voice prompt again.

Connecting AI-MR wirelessly to your internet router

As device screens seem to frequently change with updates, the easiest way to get through this setup is to follow the instructions directly in the app and listen to the voice prompts.

7. During setup, we recommend that your phone, AI-MR, and wireless internet router are within 15 feet of each other. You may need your wifi password if it's not already saved on your device.
 8. Open the Audioengine app with your iOS or Android device and select "OK" if you want the app to access your music library on your device.
 9. The app will say "Searching for Audioengine Wireless Hi-Fi System". Select "Add Device".
 10. Following the app instructions, select "Settings" to leave the app and go into your device's wifi settings.
 11. Turn on your device's wifi and select "Audioengine AI-MR" from your wifi list.
 12. The audio voice will respond "You are now connected to your speaker. Follow the instructions in the app to finish the setup."
- Go back into the Audioengine app.
13. AI-MR works on 2.4G, so select 2.4G network from your wifi list and enter your internet router password if prompted to do so.
 14. The voice will then say "Connected to your wifi network." Select "Next". EE Rena me AI-MR if you wish, then select the right arrow at the top of the screen.

15. Swipe left 2 times to get to your music or exit the app and go to another player.

Having trouble? Try these tips:

Move AI-MR and your device closer to your router. Restart your router and device. Reset the AI-MR by pressing and holding the button on the rear panel until you hear the piano tone and voice prompt.

How to play your music

After setup, you can play your music using the music players and streamers we include, or leave the app and use your own.

For example, if you're into Pandora on your iPhone, select AI-MR as the phone's audio output in the iOS Music app. Or if your favorite player has audio output settings included, as many do, you can select AI-MR as the output within the app.

And if you set up AI-MR on an iPhone, you can also use it on other devices. So if you listen to TIDAL on your laptop, select AI-MR as the audio output from within TIDAL or from the OS audio settings.

So you're not stuck using only our app as there are other options for Android, iOS, macOS, and Windows. And no matter how you connect and listen, AI-MR HD audio quality will always be best-in-class.

Wired connection

1. Connect an audio cable between your device and the input on the AI-MR rear panel.
2. Play music and adjust the volume on the speakers and your device to your desired listening levels.

Inputs and volume settings

Multiple devices may be connected to the speakers at the same time and the wireless and aux inputs are open and active, so it's easy to switch between your phone, tablet, computer, TV, etc. To adjust the volume, we recommend you first set a level on AI-MR and then use the volume control on your device to adjust the overall level. Volume settings are flexible and there is no right or wrong so feel free to experiment to find what works for you.

Subwoofer output

The AI-MR Speakers include a sub-output so you can connect a subwoofer. This output is adjustable so the volume level of your subwoofer can be set from the AI-MR volume control.

Wireless on/off

Press and quickly release the Status button to turn AI-MR wifi off. Press the button again to turn it back on.

After you turn AI-MR back on, wait a few seconds for the Status button to stop flashing and the voice to say "Connected to your wifi network" before playing your music.

Extra tips, troubleshooting, FAQs, and updates to this guide can be found on our website: audioengine.com

Contact support

If you have questions or need help, please contact our customer support team: support@audioengineusa.com

Break-in period

Your speakers will sound great out of the box and will get better over time. No need to do anything else but listen to them, however, we do recommend that you give them at least 40 to 50 hours of break-in time before doing any critical listening.

Cleaning

We don't recommend using any solvents or cleaners. Just wipe down the cabinets with a soft, dry cloth.

Speaker placement

Although Audioengine speakers are very forgiving with regards to where you place them, it's true that proper speaker location can have an impact on sound quality. Even though there are different theories on correct speaker placement, rooms and tastes are different so it's difficult to recommend a perfect setup. We do suggest you feel free to experiment to see what works for you.

As a general rule of thumb for the best soundstage and imaging, tweeters should be at about eye level in your most frequent listening location.

Here are a few more suggestions, assuming you have some flexibility regarding placement. No need for concern if your listening space dictates the speakers' position.

Both speakers should be at an equal distance from your primary listening position.

Placing the speakers at least 4-6 feet apart usually provides the best imaging and soundstage.

If you need to turn the speakers on their sides, position the tweeters toward the outside.

If used on a desktop for computer or multimedia speakers, the more solid the surface, the better your speakers will sound!

Warranty information

All Audioengine products have a 3-year Limited Warranty on parts and labor from the date of purchase. The Limited Warranty applies only to Audioengine products purchased in the United States. Your warranty is automatic, so there is no need to register. For Limited Warranty coverage elsewhere, please contact the Audioengine dealer, reseller, or distributor in your country or region.

What is covered

All defective parts or faulty workmanship.

What is not covered

The Audioengine Limited Warranty does not cover damage caused by accident, misuse, abuse, neglect, excessive moisture, lightning, power surges, other acts of nature, unauthorized product modification or repairs, or failure to follow the instructions outlined in this guide.

What we will do

We will repair or replace any defective parts, at our option, within a reasonable amount of time and free of charge any time during the warranty period. After service, we will be responsible for shipping the product back to you at our expense.

What we ask from you

You will be responsible for shipping charges to Audioengine or to an authorized dealer. We recommend you keep the original shipping materials to prevent shipping damage if service is needed. Audioengine cannot be responsible for any damages incurred during shipping due to poor packing, so please pack well and make sure to insure your shipment.

How to obtain Audioengine warranty service

If you have any questions or feel you may need service, contact the reseller where you purchased your product.

You can also visit our support portal at

support.audioengineusa.com where you will find a searchable Knowledge Base. And if you don't find an answer to your question you can easily contact us by opening a support ticket.

Exclusive remedy

This Limited Warranty is fully transferable provided the current owner furnishes the proof of purchase and that the serial number on the product is intact. THE MAXIMUM LIABILITY OF AUDIOENGINE SHALL NOT EXCEED THE ACTUAL PURCHASE PRICE PAID BY YOU FOR THE PRODUCT. IN NO EVENT SHALL AUDIOENGINE BE LIABLE FOR SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR INDIRECT DAMAGES.

Product returns and refunds We sincerely hope you get as much enjoyment from our products as we've had to create them. However, should you have an issue or are not satisfied with any Audioengine product for any reason contact the reseller where you purchased or contact us directly: support@audioengineusa.com

Wireless technology

IEEE 802.11b: 2412MHz-2472MHz

IEEE 802.11g: 2412MHz-2472MHz

IEEE 802.11n HT20: 2412MHz-2472MHz

IEEE 802.11n HT40: 2422MHz-2462MHz 2.4G

Wi-Fi transmitter power: <20dBm (EIRP)

This equipment should be installed and operated with a minimum distance of 20cm between the radiator and your body. This equipment can be used by all European members without restriction. Hereby, Audioengine LLC declares that the radio equipment type AI-MR is in compliance with Directive 2014/53/EU.

The full text of the EU declaration of conformity is available here: audioengine.com

FCC Part 15 Notice

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. 2) This device must accept any interference received, including interference that may cause undesired operation.

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

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 to 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 technician for help.

FCC Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance 20cm between the radiator & your body.

Information for Users on Disposal of Old Equipment

[European Union]



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

By disposing of this product correctly, you will help to conserve the environment and human health that could otherwise be caused by inappropriate waste handling of this product. For more information about the collection point and recycling of this product, please contact 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.

Home music systems

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About Audioengine

Audioengine designs and builds innovative audio products with all your music in mind. Great sound, simple but elegant designs, high-quality materials and truly useful features are what Audioengine is about. We sincerely hope you get as much enjoyment from our products as we've had to create them!

[Audioengine W3 Wireless Audio Adapter]

Play all your music wirelessly from any audio device or computer to your Audioengine-powered speakers, stereo receiver, or powered subwoofer. W3 provides CD-quality HD stereo sound with no reduction in audio quality.



Features

Easy setup, connects in seconds

Works with Mac or PC (or w/o a computer)

Plug-n-play, no software or network setup

100ft (30m typical range)

Plays all music formats from any media player Only \$149/set

"Honest-to-goodness, CD-quality, wireless sound for \$149. Simple, inexpensive, functional — both thumbs way up.. " — Soundstage!

[Audioengine 02 24-bit Wireless DAC]

The D2 24-bit Wireless digital-to-analog converter allows you to stream wireless HD audio from your computer to any music system, independent of your Wi-Fi network.



Features

Wireless 24/96 DAC

Wireless USB-to-S/PDIF converter

Mac/PC plug-n-play No drivers to install, no network setup

Broadcast to up to 3 receivers

Precision re-clocking for low jitter

Asynchronous data transfer USB and optical inputs

Optical and analog outputs

Based on Burr-Brown PCM 1792 DAC Only \$399/set

“The Audioengine D2 is the wireless interface I prefer over all others for its sound quality, convenience, and software independence.”

– Computer Audiophile

[Audioengine N22 Desktop Amplifier & P4 Passive Speakers]

The N22 is a compact integrated stereo power amplifier, including a high-quality headphone amp.

The P4 is a high-performance passive speaker with the same great looks and sound as our powered speakers.



N22 Features

Powerful but compact stereo amplifier

Cool-running 22 watts RMS per channel

High-performance headphone amp

Variable preamp output

USB charge/power port Only \$199

P4 Features

2-way passive, front-ported design

Hand-built cabinets

High-quality connectors

Silk dome tweeters and Kevlar woofers

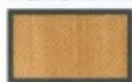
Starting at only \$249/pair



Satin Black



Hi-Gloss White



Solid Bamboo

P4 Finish Options

“If you’re looking for a desktop system that will give you great musical satisfaction with no hassle, you can’t go wrong with the N22 and P4 passive speakers.” – Positive Feedback

[Audioengine 58 Powered Subwoofer]

Excellent performance for music, movies, and games. Audioengine 58 is the perfect bass extension for Audioengine-powered speakers or as an upgrade to any music system.



Features

Super-compact size

8" custom down-firing woofer

Front-ported design

Power-saving idle mode

Dual inputs (RCA and mini-jack)

Wireless-ready

The perfect bass extension Only \$349

"This is a well-made, solid sounding subwoofer, with the potential for a wireless twist:" – What Hifi?



Satin Black



Hi-Gloss White

S8 Finish Options

For additional product info, specifications, and reviews go to: audioengineusa.com



www.audioengineusa.com

Audioengine 2+ Powered Desktop Speakers

The award-winning Audioengine 2 speakers just got better. With a built-in digital-to-analog converter (DAC), the Audioengine 2+ allows you to send high-quality digital audio directly from your computer's USB port.



Features

Built-in power amplifiers

Dual analog audio inputs

USB audio input

Variable audio output

High-quality connectors

Hand-built cabinets

Power-saving idle mode

Cables included Only \$249/pair

"A2+ is the gateway drug for computer audio:" – **Steve Guttenberg, CNET**



Satin Black



Hi-Gloss White

A2+ Finish Options

[Audioengine 5+ Powered Speakers]

The AS+ delivers audiophile-quality sound and features at a price that continues to set the standard for affordable high-quality audio. Connect your phone, computer, TV, or any other audio component for great stereo sound in any room.



Features

- Built-in power amplifiers
- Dual audio inputs
- USB power/charge port
- Remote control
- Variable audio output
- High-quality connectors
- Hand-built cabinets
- Cables included
- Starting at only \$399/pair

"These speakers are easy to set up, easy to use, easy on the ears:" – **Audioholics**



AS+ Finish Options

[Audioengine B2 Bluetooth®Speaker]

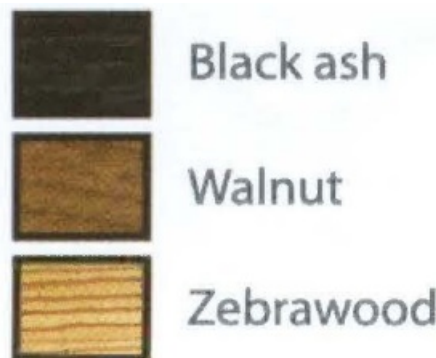
Wirelessly stream all your music from any Bluetooth® -enabled smartphone, computer, or tablet. Experience award-winning Audioengine® sound, including Bluetooth® aptX® coding and extended wireless range.



"I have yet to hear another similarly-sized Bluetooth speaker that sounds better for the price. – Ecoustics.com

Features

- Easy setup, connects in seconds
- Superior sound and extended range
- Custom Kevlar woofers and silk tweeters
- Built-in power supply
- Aux audio input Only \$299



B2 Finish Options

[Audioengine B1 Bluetooth®Music Receiver]

The B1 Wireless Music Receiver allows you to stream music from your Bluetooth® -enabled smartphone, computer, or tablet to any music system or powered speakers. Experience stunning audio quality with aptX®, built-in 24-bit DAC, and extended wireless range.



Features

Easy setup, connects in seconds

Plug-n-play, no software to install

Superior sound and extended range

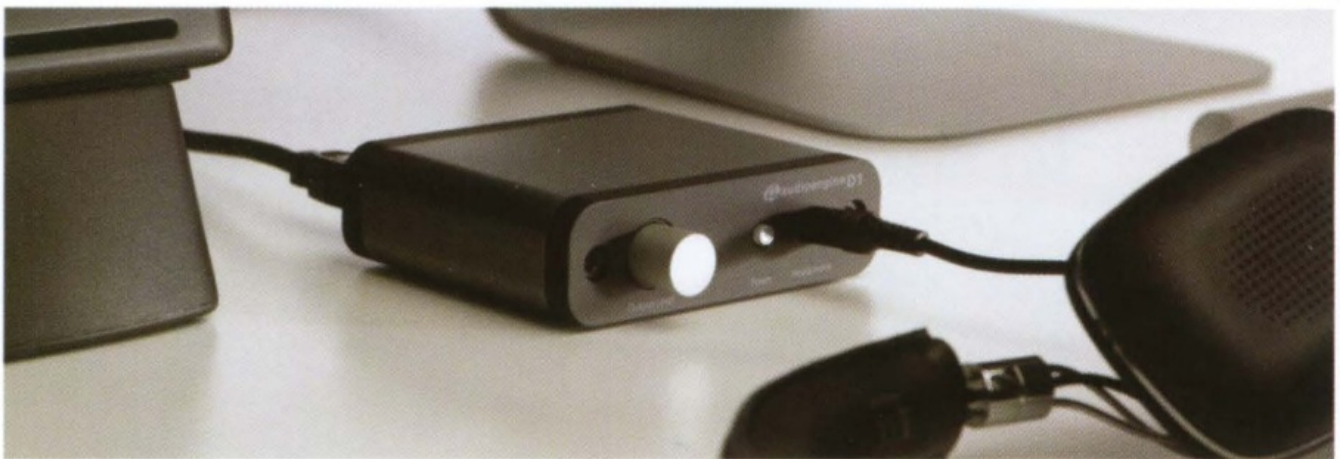
Connects to any music system

Analog and optical outputs Only \$189

"I have not yet heard a Bluetooth receiver that tops the B1. Consider this a rave!" – **Stereophile**

[Audioengine D1 24-bit DAC]

The D1 24-bit DAC allows you to bypass your computer's soundcard or headphone output and send audio through USB or optical. D1 is the perfect digital interface between your computer and music system.



Features

Stream bit-perfect 24/96 HD audio

Desktop or portable digital-to-analog converter

Mac or PC plug-and-play, no drivers to install

A high-performance headphone amp included

USB and optical inputs

Based on AKM4396 DAC

Burr-Brown/TI OPA2134 audio amplifier

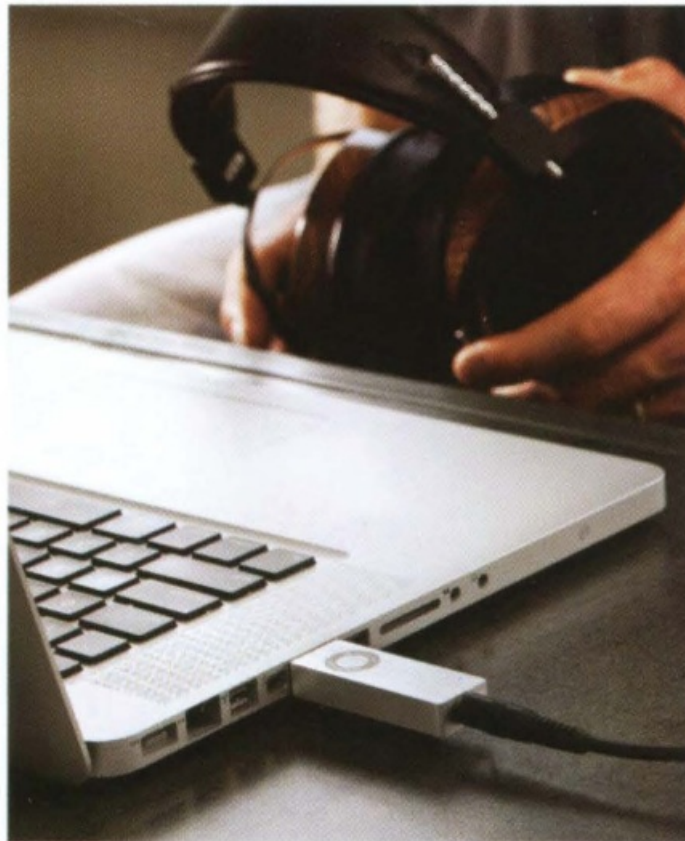
Only \$169

"More than a DAC, it's a Desktop Audio Starter Kit:"

– **P layback**

[Audioengine D3 24-bit DAC]

The D3 is a powerful yet portable 24-bit digital-to-analog converter with performance and features usually found in more expensive DACs. It's asynchronous design accepts USB streaming audio from any computer which vastly improves audio performance.



Features

Stream bit-perfect 24/96 HD audio

Plug-and-play, no drivers to install

Drives even the most-demanding h-phones

2.0V RMS maximum output level

Computer OS volume control

HD sample rate indicator


Based on AKM4396 DAC

Injection molded (M IM) aluminum case Only \$149

“A good price, great delivery, and well-kempt sound quality round out the tiny package for the computer desktop junkie and budget audiophile alike.”

– **Computer Audiophile**

Documents / Resources

	<p>audioengine 772A1MR Premium Multiroom Speaker System [pdf] User Guide</p> <p>772A1MR Premium Multiroom Speaker System, 772A1MR, Premium Multiroom Speaker System, Speaker System</p>
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References

- [Audioengine](#)
- [Audioengine](#)
- [ecoustics - Hi-Fi, Home Theater, Headphones & Music Magazine](#)
- [Audioengine](#)