audioengine

D1P Portable Headphone/Speaker Amplifier with DAC

Quickstart Guide

Welcome to the Audioengine family and congratulations on your purchase of the D1P Portable Headphone and Speaker Amplifier with Digital-to-Analog Converter (DAC).

Audioengine is dedicated to bringing you the highest-quality listening experience possible and the D1P was designed with the same attention to detail and operational simplicity as all our products.

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

Overview

D1P is a powerful yet portable 32-bit headphone and speaker amplifier combined with a USB DAC, packing performance and features found in more expensive digital interfaces. It doesn't require much power but is capable of driving even the most demanding headphones. D1P can also be used to bypass your computer's internal DAC or soundcard and connect directly to powered speakers or any audio system.

Features

Drives audiophile-grade headphones
Powered by all your devices, no batteries required
Works with iOS, Android, MacOS & Windows
Stream music from your phone or laptop via USB-C
S/PDIF optical input from any device with TOSLINK digital optical
Variable stereo analog and headphone outputs
Dedicated headphone and line out switch
Custom audiophile-grade connectors
Variable line out

MQA Renderer technology is included, which can connect to an MQA Core signal and complete the final unfold of an MQA file.

D1P will also process PCM digital audio up to 32 bits with a maximum

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USB
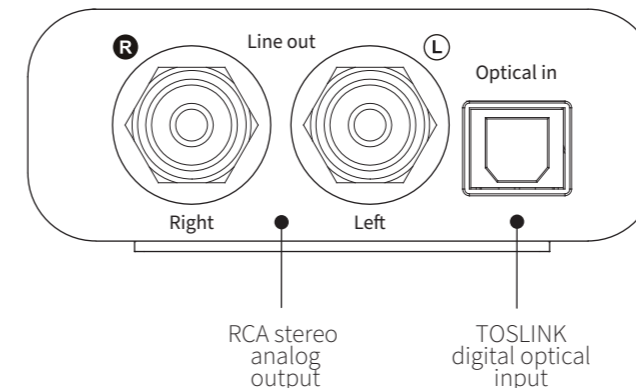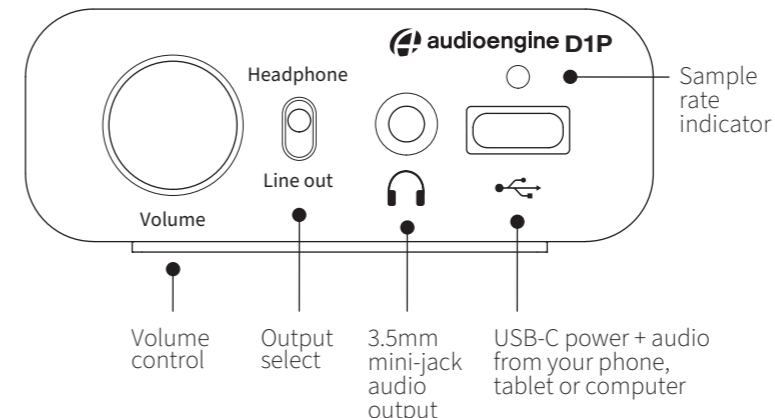Savitech SA9312

DAC
ESS ES9219C

Optical
Cirrus Logic CS8416

Indicators
White: PCM 32-48kHz
Green: PCM 88.2-192kHz, DSD64,
Optical Blue: PCM 352.8-384kHz, DSD128
Purple: MQA Rendering

When connected to a Mac or PC, the indicator light reflects what your system sound audio output quality is set to, not the bitrate of the specific track you're playing.

Supported Hi-Resolution Formats
MQA, FLAC, PCM, DSD

Hi-Res
AUDIO

Sample rate indicator

Volume control · Output select · 3.5mm mini-jack audio output · USB-C power + audio from your phone, tablet or computer

RCA stereo analog output · TOSLINK digital optical input

Quick Setup

Here's how to connect D1P to headphones or any music system:

1 Connect your computer, tablet, or phone to D1P using the included USB cable for MacOS, iOS, Android, or Windows.

2 Connect your headphones or powered speakers into the D1P front panel mini-jack output or stereo outputs on the rear panel.

3 Adjust the volume levels on your device, app, and D1P to a medium level and start playing music.

For PC, D1P will be recognized automatically.
For Mac, under System Preferences/Sound, select "Audioengine D1P" as the sound output.

Optical input

The Toslink digital optical input can accept PCM stereo streams from any optical source, such as a TV, computer, media server, or any product with an optical output.

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

Product returns and refunds
We sincerely hope you get as much enjoyment from our products as we've had creating 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: **audioengine.com/support-inquiry**

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 sold 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 a US address 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: **audioengine.com/support-inquiry**

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.

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 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 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 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 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.

audioengine
Home music systems

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.

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