

[Manuals.plus](#) /

> [S.M.S.L](#) /

> S.M.S.L D10 Portable Mini Decoder Earphone Amplifier User Manual

## S.M.S.L D10

# S.M.S.L D10 Portable Mini Decoder Earphone Amplifier User Manual

Model: D10

## 1. INTRODUCTION

Thank you for purchasing the S.M.S.L D10 Portable Mini Decoder Earphone Amplifier. This device is designed to enhance your audio experience by providing high-fidelity sound from your computer or mobile device. Please read this manual carefully before using the product to ensure proper operation and to maximize its performance.

## 2. PRODUCT OVERVIEW

The S.M.S.L D10 is a compact and powerful audio decoder and earphone amplifier. It features dual Cirrus Logic CS43131 DAC chips for superior sound quality, supporting DSD256 and PCM 32bit/384kHz high-resolution audio formats. With both 3.5mm and 4.4mm balanced headphone jacks, it offers versatile connectivity and robust output power for a wide range of headphones.



Image: S.M.S.L D10 USB Headphone Amplifier overview.

### 3. KEY FEATURES

---

- **High-Performance DAC Chips:** Utilizes two Cirrus Logic CS43131 audio decoding chips for excellent performance and pure sound.
- **High-Resolution Audio Support:** Supports DSD256 hardware decoding and PCM 32bit/384kHz specifications.
- **Dual Headphone Outputs:** Equipped with a 3.5mm single-ended headphone jack and a 4.4mm balanced headphone jack for broad compatibility.
- **Powerful Output:** Delivers up to 500mW@16Ω output power, capable of driving most headphones.
- **Wide Compatibility:** Connects easily to computers and mobile phones, compatible with Windows 7/8/8.1/10/11 (requires driver), Mac OS X 10.6+, Linux, Android, and iOS.
- **Transparent Design:** Features a transparent window and textured alloy casing, allowing visibility of internal components.
- **Side Volume Control:** Conveniently located volume button for easy adjustment.



Image: Visual representation of the D10's core features.

### 4. PACKAGE CONTENTS

---

Verify that all items are present in the package:

- S.M.S.L D10 Unit
- USB Cable
- Instruction Manual (this document)

### 5. SETUP GUIDE

---

#### 5.1 Connecting to a Computer (Windows/Mac/Linux)

1. Connect one end of the provided USB cable to the USB input port on the S.M.S.L D10.
2. Connect the other end of the USB cable to an available USB port on your computer.
3. For Windows operating systems (7/8/8.1/10/11), a specific driver may be required for optimal performance. Please visit the official S.M.S.L website for the latest driver downloads. Mac OS X 10.6+ and Linux systems typically operate without additional drivers.
4. Once connected, select the S.M.S.L D10 as your audio output device in your computer's sound settings.



Image: S.M.S.L D10 connected to a laptop.

## 5.2 Connecting to a Mobile Phone (Android/iOS)

1. Connect one end of the provided USB cable to the USB input port on the S.M.S.L D10.
2. Connect the other end of the USB cable to your mobile phone. An adapter (not included) may be required depending on your phone's port type (e.g., USB-C to USB-C, or Lightning to USB-A/C).
3. The D10 is generally plug-and-play with Android and iOS devices.
4. Ensure the D10 is selected as the audio output device in your phone's audio settings or music player application.



Image: S.M.S.L D10 connected to a mobile phone.

## 6. OPERATING INSTRUCTIONS

---

### 6.1 Connecting Headphones

The S.M.S.L D10 offers two headphone output options:

- **3.5mm Headphone Jack:** For standard single-ended headphones.
- **4.4mm Balanced Headphone Jack:** For balanced headphones, offering improved signal separation and power.

Insert your headphone's plug firmly into the corresponding jack on the D10. Ensure you use the correct type of plug for the desired output.



Image: Top view of the D10 with 3.5mm and 4.4mm headphone jacks.



Image: Port diagram of the S.M.S.L D10.

## 6.2 Volume Control

The D10 features a physical volume button on its side. Use this button to adjust the output volume to a comfortable listening level. It is recommended to start with a lower volume and gradually increase it to prevent sudden loud sounds.



Image: Side view of the D10, highlighting the volume control.

### 6.3 Data Status Indicator

When playing music, the data status indicator light on the D10 will illuminate, confirming active audio processing and high-resolution sound restoration.



Image: D10 connected to a phone, showing the illuminated data status indicator.

## 7. MAINTENANCE

---

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the device. Avoid using harsh chemicals or abrasive materials.
- **Storage:** Store the D10 in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Handle the device with care. Avoid dropping it or subjecting it to strong impacts.
- **Connectivity:** Ensure USB and headphone cables are connected securely but without excessive force to prevent damage to ports.

## 8. TROUBLESHOOTING

Problem	Possible Cause	Solution
No sound output	<p>Incorrect audio output device selected.</p> <p>Loose cable connection.</p> <p>Volume too low.</p> <p>Missing or outdated drivers (Windows).</p>	<p>Verify the S.M.S.L D10 is selected as the default audio output in your device's sound settings.</p> <p>Ensure all cables (USB, headphone) are securely connected.</p> <p>Increase the volume on both the D10 and your source device.</p> <p>For Windows, install or update the necessary drivers from the S.M.S.L website.</p>
Distorted or poor sound quality	<p>Source audio quality is low.</p> <p>Incorrect audio settings.</p> <p>Interference.</p>	<p>Ensure you are playing high-quality audio files.</p> <p>Check your device's audio settings for any equalization or sound enhancements that might be causing distortion.</p> <p>Move the D10 away from other electronic devices that might cause interference.</p>
Device feels warm during operation	<p>Normal operation.</p> <p>High power demand from headphones.</p>	<p>It is normal for the device to generate some heat during operation, especially when driving demanding headphones.</p> <p>Ensure adequate ventilation around the device. If it becomes excessively hot or shuts down, disconnect it and contact support.</p>

## 9. SPECIFICATIONS

Feature	Detail
Model	D10
DAC Chips	2 x Cirrus Logic CS43131
Supported Audio Formats	DSD256, PCM 32bit/384kHz
Headphone Outputs	3.5mm (Single-ended), 4.4mm (Balanced)
Maximum Output Power	500mW @ 16Ω
Compatibility	Windows 7/8/8.1/10/11 (driver required), Mac OS X 10.6+, Linux, Android, iOS
Package Dimensions	5.47 x 2.95 x 1.22 inches
Item Weight	1.1 pounds
Manufacturer	S.M.S.L

Feature	Detail
Date First Available	July 24, 2024

## 10. WARRANTY AND SUPPORT

---

S.M.S.L products are covered by a manufacturer's warranty. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official S.M.S.L website. For technical support, troubleshooting assistance beyond this manual, or warranty claims, please contact S.M.S.L customer service through their official channels.

**Official S.M.S.L Website:** [www.smsl-audio.com](http://www.smsl-audio.com)

