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> S.M.S.L SD-9 MQA Full Decoding Bluetooth 4.0 HiFi Network Music Player SD9 Support DSD, WAV APE,FLAC AIFF, MP3 Desktop Player User Manual

## S.M.S.L SD-9

# S.M.S.L SD-9 MQA Full Decoding HiFi Network Music Player User Manual

Model: SD-9 | Brand: S.M.S.L

## 1. INTRODUCTION

The S.M.S.L SD-9 is a versatile HiFi network music player designed to deliver high-fidelity audio playback from various sources. It supports a wide range of audio formats and offers multiple input and output options, making it a central component for your audio system. This manual provides detailed instructions for setting up, operating, and maintaining your SD-9 player.



Figure 1: Front view of the S.M.S.L SD-9 HiFi Network Music Player. The device features a sleek black design with a central display screen showing playback information and a large rotary control knob on the right.

## 2. KEY FEATURES

- **Full Featured Playback:** Supports a wide array of audio formats including DSD, WAV, APE, FLAC, AIFF, MP3, and more.
- **MQA Full Decoding:** Provides MQA (Master Quality Authenticated) full decoding for high-resolution audio playback.
- **Network Streaming:** Supports streaming playback via DLNA and Airplay.
- **HiBy Link Support:** Easy connection and control via HiBy Link for convenient playback.
- **Comprehensive Output Interfaces:** Equipped with Optical, Coaxial, I2S, AES/EBU, and USB signal outputs to meet diverse HIFI audio source requirements.
- **External Storage Support:** Connect external hard drives up to 4TB capacity, supporting NTFS/FAT32 formats.
- **USB DAC Functionality:** Can function as a USB DAC to play music from a computer.
- **USB-OTG:** Connects to other USB DACs for high bit rate or DSD audio output.

- **Bluetooth 4.0:** Supports Bluetooth input and output with APT-X.
- **Dual-band Wi-Fi:** Supports 2.4G/5G Wi-Fi for stable network connectivity.



Figure 2: Supported Audio Formats. The SD-9 supports a comprehensive range of audio formats including APE, WAV, WMA, FLAC, DSF, DFF, AIFF, M4A, AAC, OGG, MP2, and MP3.

## 3. SETUP GUIDE

### 3.1 Unpacking and Inspection

Carefully remove the SD-9 player and all accessories from the packaging. Verify that all components are present and undamaged. Retain the packaging for future transport or storage.

### 3.2 Connecting Power

1. Ensure the SD-9 is placed on a stable, flat surface with adequate ventilation.
2. Connect the provided power cable to the AC input on the rear panel of the SD-9.
3. Plug the other end of the power cable into a suitable wall outlet.

### 3.3 Audio Output Connections

The SD-9 offers multiple audio output options. Choose the appropriate connection for your audio system:

- **Optical (TOSLINK):** Connect an optical cable from the SD-9's Optical Out to your DAC or amplifier's optical input.
- **Coaxial (RCA):** Connect a coaxial digital cable from the SD-9's Coaxial Out to your DAC or amplifier's coaxial input.
- **AES/EBU (XLR):** For professional audio connections, use an XLR cable from the SD-9's AES/EBU Out to a compatible input.
- **I2S (HDMI):** Connect an HDMI cable from the SD-9's I2S Out to a DAC with an I2S input for optimal digital signal transfer.
- **USB Audio Out:** Connect a USB cable from the SD-9's USB Audio Out to a USB DAC.
- **Bluetooth Output:** Pair with Bluetooth-enabled headphones or speakers (refer to Operating section for pairing).

# Full function interface output

With Optical, Coaxial, I2S, AES/EBU, USB signal outputs

Meet your needs for HIFI audio sources.



SPDIF interface supports DOP and D2P output

Figure 3: Rear Panel Connections. This image highlights the various input and output ports on the back of the SD-9, including power input, LAN, USB 2.0, USB Audio, Optical, AES/EBU, Coaxial, I2S, and TF Card slot.

## 3.4 Network and Storage Connections

- **LAN (Ethernet):** For wired network connection, plug an Ethernet cable into the LAN port on the rear panel.
- **Wi-Fi:** Ensure the Wi-Fi antenna is securely attached to the rear panel. Configure Wi-Fi settings via the device menu (refer to Operating section).
- **USB Drives/Hard Disks:** Connect USB storage devices to the USB-A ports on the rear. The SD-9 supports up to

4TB.

- **Micro SD Card:** Insert a Micro SD card into the dedicated slot on the rear panel. Supports up to 256GB.



Figure 4: Connectivity Options. The SD-9 supports a wide range of input sources and output devices, including direct connections from mobile phones, computers, USB drives, hard disks, SD cards, and NAS, as well as wireless connections via Bluetooth and DLNA.

## 4. OPERATING INSTRUCTIONS

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### 4.1 Powering On/Off

Press the power button on the front panel or the remote control to turn the device on or off. The display will illuminate upon power-on.

### 4.2 Navigating the User Interface

The SD-9 can be controlled using the rotary knob on the front panel or the included remote control.

- **Rotary Knob:** Rotate to scroll through menus and options. Press to select an item. Double-click to return to the home menu.
- **Remote Control:** Use the directional buttons to navigate and the 'OK' button to select. The remote also provides dedicated buttons for playback control, input selection, and menu navigation.

### 4.3 Input Source Selection

From the main menu, select "Input Mode" to choose your desired audio source:

- **USB (USB-A ports):** For music files stored on USB flash drives or external hard disks.
- **USB Audio (USB-B port):** To use the SD-9 as a USB DAC with a computer.
- **Micro SD:** For music files stored on a Micro SD card.
- **Bluetooth:** For streaming audio from Bluetooth-enabled devices.
- **DLNA:** For streaming music from network-attached storage (NAS) or DLNA-compatible media servers.
- **SAMBA (NAS):** For accessing shared folders on a network.

## 4.4 Output Mode Selection

The SD-9 allows you to select the active audio output. Navigate to "Output Mode" in the settings to choose from:

- Optical
- Coaxial
- AES
- Bluetooth
- USB
- I2S

## 4.5 File Playback

Once an input source (USB, Micro SD, DLNA, SAMBA) is selected, you can browse and play audio files. The device supports file browsing and playback of various formats including DSD, WAV, APE, FLAC, AIFF, and MP3.

- Navigate through folders and select tracks using the control knob or remote.
- The display shows track information, progress, and format details.

## 4.6 Bluetooth Operation

To pair with a Bluetooth device:

1. Select "Bluetooth" as the input mode on the SD-9.
2. Enable Bluetooth on your source device (smartphone, tablet, etc.) and search for available devices.
3. Select "S.M.S.L SD-9" from the list to pair.
4. Once paired, audio from your source device will be streamed to the SD-9.
5. The SD-9 also supports Bluetooth output to connect to Bluetooth headphones or speakers. Select "Bluetooth" as an output mode and initiate pairing.

## 4.7 Wi-Fi and Network Streaming

To connect to a Wi-Fi network:

1. Navigate to "Settings" and then "Network" or "Wi-Fi Settings".
2. Select your desired Wi-Fi network (supports 2.4G/5G).
3. Enter the network password if prompted.
4. Once connected, you can use DLNA or SAMBA for network streaming.

**HiBy Link:** For enhanced control and streaming from your mobile device, download the HiBy Music app and enable HiBy Link on both the app and the SD-9. This allows for remote control and direct streaming from your phone's music library.

# 5. MAINTENANCE

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## 5.1 Cleaning

To maintain the appearance and performance of your SD-9, follow these cleaning guidelines:

- Always disconnect the power cable before cleaning.
- Use a soft, dry, lint-free cloth to wipe the exterior surfaces.
- For stubborn marks, slightly dampen the cloth with water; avoid harsh chemicals or abrasive cleaners.
- Do not spray liquids directly onto the device.

## 5.2 Software Updates

The SD-9 supports software upgrades. Periodically check the S.M.S.L official website for the latest firmware updates. Follow the instructions provided with the update package carefully to ensure proper installation and avoid damaging the device.

## 6. TROUBLESHOOTING

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If you encounter issues with your S.M.S.L SD-9, please refer to the following common troubleshooting steps:

- **No Power:**

- Ensure the power cable is securely connected to both the SD-9 and the wall outlet.
- Verify the wall outlet is functioning correctly.

- **No Sound Output:**

- Check that the correct output mode is selected on the SD-9 (Optical, Coaxial, AES, USB, I2S, Bluetooth).
- Verify that the audio cables are securely connected between the SD-9 and your amplifier/DAC.
- Ensure your amplifier/DAC is set to the correct input source.
- Check the volume level on both the SD-9 (if applicable) and your connected audio equipment.

- **Cannot Read USB Drive/Micro SD Card:**

- Ensure the storage device is properly inserted.
- Verify the file system of the storage device is FAT/FAT32/NTFS.
- Check if the storage capacity exceeds the supported limits (USB up to 4TB, Micro SD up to 256GB).
- Try a different USB port or Micro SD card.

- **Network Connection Issues (Wi-Fi/LAN):**

- Ensure the Wi-Fi antenna is attached (for Wi-Fi).
- Verify the Ethernet cable is securely connected (for LAN).
- Check your router and network settings.
- Ensure the SD-9 is within range of your Wi-Fi router.
- Restart the SD-9 and your network router.

- **Bluetooth Pairing Problems:**

- Ensure the SD-9 is in Bluetooth input/output mode and discoverable.
- Make sure your source/receiving device's Bluetooth is enabled and in pairing mode.
- Move the devices closer to each other.
- Clear previous Bluetooth pairings on both devices and try again.

- **Poor Sound Quality:**

- Ensure you are playing high-quality audio files.
- Check cable connections for any looseness or damage.
- Verify that the output mode matches your connected equipment.
- Consider the quality of your connected amplifier and speakers/headphones.

If the issue persists after trying these steps, please contact S.M.S.L customer support for further assistance.

## 7. SPECIFICATIONS

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The following table details the technical specifications of the S.M.S.L SD-9 HiFi Network Music Player:

<b>Feature</b>	<b>Specification</b>
Input Modes	USBx2, USB Audio, Micro SD, Bluetooth, DLNA, SAMBA (NAS)
Output Modes	Optical, Coaxial, AES, Bluetooth, USB, I2S
USB Audio DSD Support	Up to DSD256
USB Audio PCM Support	Up to PCM384kHz
USB Audio System Compatibility	Windows 7/8/8.1/10; Mac OS X; Linux
DSD D2P	Transcoding 88.2kHz
DSD DOP	Supports up to DSD256
DSD Native	Supports up to DSD256
Digital Output DOP Output	Supports up to DSD64
PCM (Digital Output)	Supports up to 384kHz
File System Support	FAT/FAT32/NTFS
Micro SD Card Capacity	Up to 256GB
USB Drive/Hard Disk Capacity	Up to 4TB
USB Maximum Output Current	2A (Sum of two USB output currents)
USB A Maximum Output Current	2A
USB DAC Output	Supported
Bluetooth Version	4.0
APT-X Support	Supported
Bluetooth Input/Output	Supported
HiBy Link	Supported
Wi-Fi Function	Supported (2.4G/5G)
Mesh Size	100Mb/s
File Browsing	Supported
System Language	Simplified Chinese, Traditional Chinese, English
Software Upgrade	Supported
Power Consumption	2W
Standby Power	0.5W
Package Dimensions	11.18 x 9.02 x 3.07 inches
Item Weight	2.86 pounds

Feature	Specification
Color	Black

## Specifications

<b>Input mode:</b>	USBx2, USB Audio, micro SD, Bluetooth, DLNA, SAMBA(NAS)
<b>Output mode:</b>	Optical, Coaxial, AES, Bluetooth, USB, I2S
<b>USB Audio:</b>	DSD Top support DSD256 PCM Top support PCM384kHz
<b>USB Audio System compatibility:</b>	windows 7/8/8.1/10; Mac OS X; Linux
<b>DSD D2P:</b>	Transcoding 88.2kHz
<b>DSD DOP:</b>	Supports up to DSD256
<b>DSD Native:</b>	Supports up to DSD 256
<b>Digital output DOP output:</b>	Supports up to DSD64
<b>PCM:</b>	Supports up to 384kHz
<b>File system:</b>	Supports FAT/FAT32/NTFS
<b>Micro SD Capacity of card:</b>	Supports up to 256G
<b>USB drive/Hard disk:</b>	Supports up to 4TB
<b>USB Maximum output current:</b>	2A(The sum of two USB output currents)
<b>USB A maximum output current:</b>	2A
<b>USB DAC output:</b>	Support
<b>Bluetooth version:</b>	4.0 Version
<b>APT-X:</b>	Support
<b>Bluetooth input:</b>	Support
<b>Bluetooth output:</b>	Support
<b>HiBy Link:</b>	Support
<b>WIFI function:</b>	Support
<b>WIFI Specifications:</b>	Support 2.4G/5G
<b>Mesh size:</b>	100Mb/s
<b>File browsing:</b>	Support
<b>System language:</b>	Simplified Chinese, Traditional Chinese, English
<b>Software upgrade:</b>	Support
<b>Power consumption:</b>	2W
<b>Standby:</b>	0.5W

Figure 5: Detailed Specifications. A visual representation of the key technical specifications for the SD-9 player.

## 8. WARRANTY AND SUPPORT

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S.M.S.L products are manufactured to high-quality standards. For information regarding warranty coverage, 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 service inquiries, please contact S.M.S.L customer support through their official channels. Keep your purchase receipt and product serial number handy when contacting support.

*Note: Product specifications and features are subject to change without prior notice.*

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