

SDRD SD-516

SDRD SD-516 Karaoke Machine User Manual

Model: SD-516

1. INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your SDRD SD-516 Karaoke Machine. Please read this manual thoroughly before using the product to ensure proper function and longevity.

The SDRD SD-516 is a portable Bluetooth karaoke speaker designed for various events, offering immersive sound and interactive features. It includes two wireless microphones and supports multiple audio input methods.

2. WHAT'S IN THE BOX

Carefully unpack your SDRD SD-516 Karaoke Machine and ensure all items listed below are present and in good condition.

- 1 x Karaoke Machine
- 2 x Wireless Microphones
- 1 x Charging Cable (USB Type-C)
- 1 x Mics Cable
- 1 x User Manual

Interactive Sound Effects Buttons

One-Touch Applause & Laughter for Live Stage Feel



Image: Packaging list showing the karaoke machine, two wireless microphones, charging cable, and user manual.

3. PRODUCT OVERVIEW

The SDRD SD-516 features a compact design with integrated microphone storage and charging capabilities. It is equipped with a 5-inch subwoofer and a powerful speaker for clear audio output.



Image: The SDRD SD-516 Karaoke Machine with its two wireless microphones.

Key Features:

- **Immersive Surround Sound:** 5-inch subwoofer and treble-bass separation for powerful, distortion-free audio.
- **Two Wireless Rechargeable Microphones:** Integrated charging and storage slots for convenience.
- **Bluetooth 5.3 Connectivity:** Stable connection up to 100 feet for various devices.
- **Interactive Effects:** One-key vocal switch, adjustable reverb/echo, applause/laughter buttons.
- **Long Battery Life:** Built-in 4000mAh battery provides 10-12 hours of playtime.
- **Compact and Portable:** Lightweight design with a sturdy handle and phone holder.
- **Versatile Use:** Supports USB and AUX input, suitable for home, parties, and outdoor events.
- **Dynamic LED Lights:** 7 modes to enhance the atmosphere.

4. SETUP GUIDE

4.1 Charging the Device

Before first use, fully charge the karaoke machine and microphones.

- **Karaoke Machine:** Connect the provided USB Type-C charging cable to the charging port on the speaker and to a compatible USB power adapter (not included). The built-in 4000mAh battery charges in approximately 2-3 hours and provides 10-12 hours of playtime.
- **Wireless Microphones:** The microphones are rechargeable and can be charged in two ways:
 1. **Via Speaker Slots:** Place the microphones into their designated charging/storage slots on top of the karaoke machine. They will charge automatically when the speaker is powered on or charging.
 2. **Independent Charging:** Connect the provided Mics Cable (USB Type-C) directly to each microphone's charging port and to a USB power adapter.



Image: PowerHub Charging Station illustrating charging times and battery capacity.



Image: Dual charging modes for the wireless microphones.

4.2 Powering On/Off

Locate the power button on the karaoke machine. Press and hold the button for a few seconds to turn the device on or off. The LED lights will illuminate upon power-on.

4.3 Microphone Pairing

The wireless microphones are pre-paired with the karaoke machine. Simply power on both the speaker and the microphones, and they will connect automatically. The microphone display will show connection status.

5. OPERATING INSTRUCTIONS

5.1 Connecting via Bluetooth

1. Ensure the karaoke machine is powered on and in Bluetooth mode (indicated by a specific light or sound cue).
2. On your smartphone, tablet, or other Bluetooth-enabled device, go to the Bluetooth settings.
3. Search for available devices and select "SDRD SD-516" from the list.
4. Once connected, you will hear a confirmation sound from the speaker. You can now play audio from your device through the karaoke machine.



Image: Bluetooth 5.3 connectivity with various devices.

5.2 Using AUX and USB Inputs

- **AUX Input:** Connect an audio device (e.g., MP3 player, computer) to the AUX port on the karaoke machine using a 3.5mm audio cable (not included). The speaker will automatically switch to AUX mode or require manual selection via a mode button.
- **USB Input:** Insert a USB flash drive containing audio files into the USB port. The speaker will automatically detect and play the audio files.

5.3 Microphone Controls and Effects

Each wireless microphone features controls for volume, echo, and special effects.

- **Volume Control:** Use the +/- buttons on the microphone to adjust your vocal volume.
- **Echo/Reverb:** Press the 'Echo' button to cycle through different echo levels or adjust reverb.
- **Voice Change:** Some microphones may include a 'Voice Change' function to alter your vocal pitch.
- **Interactive Sound Effects:** The karaoke machine features dedicated buttons for applause and laughter, enhancing the interactive experience.
- **One-Key Vocal Switch:** This function allows you to reduce or remove the original vocals from a song, making it easier to sing along.



Image: Interactive sound effects buttons on the karaoke machine.

5.4 LED Light Modes

The karaoke machine features dynamic LED lights with 7 different modes. Press the 'LED Light' button on the control panel to cycle through the available lighting effects and match the mood of your event.

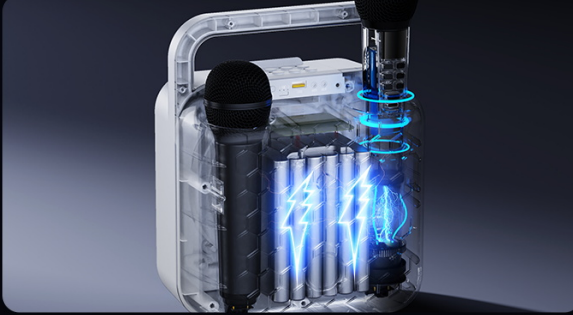


Image: Seven dynamic LED light modes.


5.5 Audio Quality and Effects

The SDRD SD-516 delivers powerful and clear audio with its 5-inch subwoofer and treble-bass separation. It is designed to provide distortion-free sound even at high volumes, creating an immersive 3D surround experience.

DUAL CHARGING MODES FOR MICROPHONES



Rechargeable Design with Speaker Charging Slots



Independent Type-C Charging

Image: Professional Hi-Fi Sound features with speaker components.

5.6 Using the Aux-Out Connection

To amplify your sound or connect to another speaker, use the Aux-Out port. Connect an audio cable from the Aux-Out port of the SDRD SD-516 to the Aux-In port of another speaker. This allows for synchronized

playback and increased sound coverage for larger outdoor events.



Image: Connecting to another speaker via Aux-Out for amplified sound.

5.7 Versatile Usage Scenarios

The portable design and long battery life make the SDRD SD-516 suitable for various occasions, including home use, camping trips, street performances, small music festivals, and birthday parties.



Image: The SDRD SD-516 in various usage scenarios.

6. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the karaoke machine and microphones. Do not use abrasive cleaners or solvents.
- **Storage:** When not in use, store the device in a cool, dry place away from direct sunlight and extreme temperatures. Ensure microphones are stored in their designated slots to prevent loss and keep them charged.
- **Battery Care:** To prolong battery life, avoid fully discharging the device frequently. Charge the battery regularly, even if the device is not in active use for extended periods.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
No power	Battery is depleted.	Charge the karaoke machine using the provided USB Type-C cable.
No sound from speaker	Volume too low; incorrect input mode; device not connected.	Increase speaker volume. Ensure correct input mode (Bluetooth, AUX, USB) is selected. Reconnect your audio source.
Microphone not working	Microphone battery low; microphone not paired; microphone volume too low.	Charge the microphone. Power cycle the microphone and speaker to re-establish connection. Increase microphone volume.
Bluetooth connection unstable	Device too far from speaker; interference.	Move the connected device closer to the speaker (within 100 ft). Avoid obstacles or other wireless devices causing interference.
Sound distortion	Volume too high; audio source quality.	Reduce the volume on both the speaker and the audio source. Ensure the audio source is of good quality.

8. SPECIFICATIONS

Feature	Detail
Model Number	SD-516
Brand	SDRD
Product Dimensions (L x W x H)	7.87 x 5.91 x 10.63 inches (20 x 15 x 27 cm)
Item Weight	4.75 pounds (2.15 kg)
Material	Acrylonitrile Butadiene Styrene (ABS)
Power Source	Battery Powered (Built-in 4000mAh)
Charging Time	2-3 hours
Playing Time	10-12 hours
Connectivity Technology	Bluetooth 5.3, AUX, USB
Bluetooth Range	Up to 100 feet (30 meters)
Speaker Output	10W Power, 5-inch Subwoofer
Number of Channels	2
Compatible Devices	Laptop, Smartphone, Tablet
Microphones	2 Wireless Rechargeable Microphones

9. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the contact details provided on the product packaging or visit the official SDRD website. Keep your purchase receipt as proof of purchase for any warranty claims.

Manufacturer: SDRD

10. PRODUCT VIDEO

Your browser does not support the video tag.

Video: An overview of the SDRD SD-516 Karaoke Machine's features and usage. This video demonstrates the product in action.