

## Karaoke USA SD520

# Karaoke USA SD520 Portable Karaoke System User Manual

Model: SD520

## 1. INTRODUCTION

The Karaoke USA SD520 is a portable MP3G karaoke player featuring a 4.3-inch TFT digital color screen. Designed for portability, it includes a built-in rechargeable battery for extended use. The system incorporates LED lights that synchronize with music, enhancing the entertainment experience. It supports MP3G downloads, Bluetooth streaming from smart devices, and functions as a Public Address (PA) system. Users can record their singing performances and music, including Bluetooth audio, with instant playback capability.

## 2. SAFETY INFORMATION

**WARNING: This product can expose you to chemicals including Lithium and Lead, which are known to the State of California to cause cancer and/or birth defects or other reproductive harm. For more information, please visit [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).**

Always read and follow all instructions carefully before using this product. Keep this manual for future reference.

## 3. PACKAGE CONTENTS

Please check that all items listed below are included in your package:

- Karaoke USA SD520 Portable Karaoke System
- Microphone
- Power Adapter
- RCA Audio/Video Cable
- Remote Control
- User Guide



Image: All components included in the Karaoke USA SD520 package.

## 4. PRODUCT OVERVIEW

### 4.1 Front Panel



Image: Front view of the Karaoke USA SD520 system, highlighting the display screen, main controls, and illuminated speaker.

- **4.3-inch TFT Digital Color Screen:** Displays menus, song lyrics, and selected source.
- **Control Buttons:** Navigation, playback, recording, and menu access.
- **Microphone Inputs (MIC1, MIC2):** Connect up to two microphones.
- **SD Card Slot:** For playing MP3G files from an SD card.
- **USB Port:** For playing MP3G files from a USB drive.
- **Speaker with LED Lights:** Provides audio output and visual effects.

## 4.2 Rear Panel



Image: Rear view of the Karaoke USA SD520, showing the power switch, DC power input, USB charging port, and video/audio output.

- **Power ON/OFF Switch:** Controls the main power to the unit.
- **DC IN (2A):** Power adapter connection.
- **USB Charger:** For charging external devices.
- **Video/Audio Output:** Connects to an external display or audio system.

#### 4.3 Top Panel





Image: Top view of the Karaoke USA SD520, displaying the various rotary control knobs for audio adjustment.

- **Master Volume:** Adjusts the overall sound output level.
- **Echo:** Controls the echo effect for microphones.
- **MIC1 Volume:** Adjusts the volume for Microphone 1.
- **MIC2 Volume:** Adjusts the volume for Microphone 2.
- **Balance:** Adjusts the balance between left and right audio channels.

## 5. SETUP

1. **Power Connection:** Connect the provided power adapter to the DC IN port on the rear panel of the unit and plug it into a standard electrical outlet. Ensure the unit is fully charged before first use for optimal battery life.
2. **Microphone Connection:** Plug the microphone cable into either the MIC1 or MIC2 input jack on the front panel.
3. **External Display/Audio (Optional):** If you wish to display lyrics on a larger screen or output audio to an external sound system, connect the Video/Audio Output ports on the rear panel to your TV or audio receiver using the RCA cable.
4. **Tablet/Smartphone Placement:** The unit features a holder for a tablet or smartphone. Carefully place your device into the holder for convenient viewing of lyrics or streaming content.



Image: The Karaoke USA SD520 with a tablet securely placed in the integrated holder.

## 6. OPERATING INSTRUCTIONS

### 6.1 Power On/Off

Flip the Power ON/OFF switch located on the rear panel to the 'ON' position to power on the unit. Flip it to 'OFF' to power down.

### 6.2 Source Selection

Use the 'SOURCE' button on the front panel or the remote control to cycle through available input sources: Built-in Song, USB, Bluetooth, and SD Card. The selected source will be displayed on the 4.3-inch screen.

### 6.3 Bluetooth Pairing

1. Select 'Bluetooth' as the source. The unit will enter pairing mode.
2. On your smart device (smartphone, tablet), enable Bluetooth and search for available devices.
3. Select 'Karaoke USA SD520' from the list. Once paired, you will hear a confirmation sound.
4. You can now stream audio from your device to the karaoke system.

## 6.4 Playing Music (USB/SD Card)

1. Insert a USB drive into the USB port or an SD card into the SD card slot.
2. Select 'USB' or 'SD Card' as the source.
3. Navigate through your files using the control buttons on the unit or remote.
4. Press 'ENTER' to select and play a song.

## 6.5 Recording Function

The SD520 allows you to record your singing performance with background music. Press the 'RECORD' button to start recording and press it again to stop. Recordings are saved to the inserted USB drive or SD card. Use the 'PLAYBACK' button to listen to your last recording.

## 6.6 PA System Use

To use the unit as a Public Address (PA) system, simply connect a microphone and adjust the microphone volume. No music source is required for PA functionality.

## 6.7 LED Lights Control

The LED lights on the speaker synchronize with the rhythm of the music. Use the 'LIGHT ON/OFF' switch on the front panel to enable or disable this feature.

## 6.8 Volume and Echo Adjustment

Use the rotary knobs on the top panel to adjust the Master Volume, individual Microphone Volumes (MIC1, MIC2), and the Echo effect for the microphones.

## 7. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the unit. Do not use liquid cleaners or abrasive materials.
- **Storage:** Store the unit in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** To prolong battery life, avoid fully discharging the battery frequently. Recharge the unit regularly, even if not in use for extended periods.
- **Ventilation:** Ensure proper ventilation around the unit during operation to prevent overheating.

## 8. TROUBLESHOOTING

Problem	Possible Solution
Unit does not power on.	Ensure the power adapter is securely connected and plugged into a working outlet. Check if the battery is charged.
No sound from speaker.	Check Master Volume and individual Microphone Volumes. Ensure the correct source is selected. Verify external audio connections if used.
Microphone not working.	Ensure the microphone is securely plugged into MIC1 or MIC2. Adjust the corresponding microphone volume knob.

Problem	Possible Solution
Bluetooth pairing fails.	Ensure Bluetooth is enabled on your smart device and the unit is in Bluetooth source mode. Move devices closer together. Try restarting both devices.
Lyrics not displaying on screen.	Ensure you are playing MP3G files from USB or SD card. Check if the video output is connected correctly to an external display.

## 9. SPECIFICATIONS

Feature	Detail
Model Number	SD520
Screen	4.3 inch TFT Digital Color Screen
Output Wattage	25 Watts (Peak Power)
Connectivity	Bluetooth, USB, SD Card, RCA (Audio/Video Output), 3.5mm Jack (Microphone Input)
Compatible Devices	Smartphone, Tablet, Personal Computer, Speaker, Home Theater
Battery Type	Lithium Ion (included)
Power Source	Battery Powered / DC Adapter
Material Type	Plastic
Color	Black
Item Weight	5.5 pounds
Product Dimensions	11.2 x 9 x 14 inches

## 10. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the contact details provided in the original product packaging or visit the official Karaoke USA website. Keep your proof of purchase for warranty claims.