Soundking SK9000 Mosfet

Soundking SK 9000 Mosfet 2-Channel Karaoke Mixer Amplifier User Manual

Model: SK9000 Mosfet

1. Introduction

Thank you for choosing the Soundking SK 9000 Mosfet 2-Channel Karaoke Mixer Amplifier. This amplifier is designed to provide high-quality audio amplification for your home entertainment system, featuring karaoke capabilities and multiple input options. Please read this manual carefully to ensure proper setup, operation, and maintenance of your device.

2. Safety Information

- **Power Supply:** Ensure the amplifier is connected to a 220-230V AC power source.
- **Ventilation:** Do not block ventilation openings. Ensure adequate airflow around the unit to prevent overheating.
- **Moisture:** Keep the amplifier away from water or excessive moisture. Do not operate in damp environments.
- **Servicing:** Do not attempt to open or service the unit yourself. Refer all servicing to qualified personnel. Risk of electric shock.
- **Speaker Impedance:** Connect speakers with an impedance of 4 ohms or higher. This amplifier supports 10-inch or 12-inch speakers/woofers.

3. Product Overview

3.1 Front Panel Controls

The front panel provides access to primary operational controls and input ports.



Figure 1: Front Panel Layout

- **Power ON/OFF Switch:** Toggles the amplifier's power.
- **Volume Control:** Adjusts the overall output volume.
- **Balance Control:** Adjusts the left/right channel balance.
- **Bass Control:** Adjusts the low-frequency audio output.
- **Treble Control:** Adjusts the high-frequency audio output.
- **Mic Volume:** Controls the volume of connected microphones.
- **Mic Level:** Adjusts the input sensitivity for microphones.
- **Headphone Jack:** For connecting headphones.
- **Digital Audio Player Section:** Includes controls for Bluetooth, USB, FM, and other digital inputs.

3.2 Rear Panel Connections

The rear panel houses all input and output connections for speakers and audio sources.



Figure 2: Rear Panel Layout

- **Line In (RCA):** For connecting external audio sources (e.g., CD/DVD players, TV).
- **Line / SW Out (RCA):** Output for connecting to a subwoofer or another amplifier.
- **FM Aerial:** Connection point for the FM antenna.
- **Speaker/Woofer Outputs:** Terminals for connecting two speakers (10" or 12", 4 ohms each).
- **Mains 230V AC Input:** Power cord connection.
- **Fuse Holders:** For 3 Amp fuses (Right Out, Left Out, Mains).



Figure 3: Rear Panel Left Side Connections



Figure 4: Rear Panel Right Side Connections

4. Setup

4.1 Connecting Speakers

1. Ensure the amplifier is powered off and unplugged from the mains.
2. Connect your 10-inch or 12-inch speakers (4 ohms impedance each) to the speaker output terminals on the rear panel. Ensure correct polarity (+ to + and - to -) for each channel (Right Out, Left Out).

4.2 Connecting Audio Sources

- **RCA Line In:** Use RCA cables to connect devices like CD players, DVD players, or TVs to the "LINE IN" jacks.
- **3.5mm Aux Input:** For devices with a 3.5mm output (e.g., PC, Walkman), use an appropriate cable to connect to the 3.5mm Aux input on the front panel (if available, or via an adapter to RCA).
- **USB Input:** Insert a USB drive containing audio files into the USB port on the front panel.
- **FM Aerial:** Connect the provided FM aerial to the "FM ARIAL" terminal on the rear panel for radio reception.

4.3 Connecting Microphones

1. Connect up to two microphones to the "MIC 1" and "MIC 2" input jacks on the front panel.
2. Adjust the "MIC VOL" and "MIC LEVEL" controls to achieve the desired microphone volume and sensitivity.

4.4 Power Connection

1. After all audio and speaker connections are made, plug the power cord into the "MAINS 230V AC" input on the rear panel.
2. Plug the other end of the power cord into a suitable 220-230V AC wall outlet.

5. Operating Instructions

5.1 Basic Operation

1. Press the "POWER ON" switch on the front panel to turn on the amplifier.
2. Select your desired input source using the controls on the digital audio player section (e.g., Bluetooth, USB, FM, Aux).
3. Adjust the "VOLUME" knob to a comfortable listening level.
4. Use the "BASS" and "TREBLE" controls to fine-tune the sound to your preference.
5. The "BALANCE" control can be used to adjust the audio distribution between the left and right speakers.

5.2 Bluetooth Connectivity

1. Switch the input mode to Bluetooth on the digital audio player. The display will indicate "BT" or a similar pairing mode.
2. On your mobile device or computer, search for Bluetooth devices and select "SOUND KING" or a similar name.
3. Once paired, audio from your device will play through the amplifier.

5.3 Karaoke Function

The amplifier supports karaoke, allowing simultaneous playback of music and microphone input.

1. Connect your microphones as described in Section 4.3.
2. Play your desired music through any input source (e.g., Bluetooth, USB, Aux).
3. Adjust the "MIC VOL" and "MIC LEVEL" controls to blend your voice with the music.

6. Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the amplifier. Do not use liquid cleaners or solvents.
- **Ventilation:** Regularly check that the ventilation openings are clear of dust and debris.
- **Fuse Replacement:** If a channel or the entire unit loses power, check the corresponding fuse on the rear panel. Replace with a 3 Amp fuse of the same type if necessary. Always unplug the unit before checking or replacing fuses.
- **Storage:** If storing the amplifier for an extended period, unplug it from the power outlet and store it in a cool, dry place.

7. Troubleshooting

- **No Power:**
    - Ensure the power cord is securely plugged into both the amplifier and the wall outlet.

- Check the power switch on the front panel.
- Inspect the mains fuse on the rear panel and replace if blown.

- **No Sound:**
  - Verify that speakers are correctly connected and their wires are secure.
  - Check the speaker fuses on the rear panel.
  - Ensure the correct input source is selected.
  - Increase the master volume and check individual source device volume.
  - Ensure the balance control is centered.
- **Humming Noise:**
  - Ensure all audio cables are properly shielded and securely connected.
  - Try disconnecting other devices one by one to identify the source of interference.
  - Ensure proper grounding of the power outlet.
- **Limited Bluetooth Range:**
  - Bluetooth range is typically around 10 feet (3 meters). Ensure your paired device is within this range and there are no significant obstructions.
  - Avoid placing the amplifier near other wireless devices that might cause interference.
- **Microphone Not Working:**
  - Ensure microphones are securely plugged into the correct jacks.
  - Adjust "MIC VOL" and "MIC LEVEL" controls.
  - Test the microphone with another device if possible to confirm functionality.

8. Specifications

Brand	Soundking
Model Number	SK9000 Mosfet
Number of Channels	2
Power Output	160W + 160W
Frequency Response	20 - 12000 Hz (+/- 3dB)
Speaker Compatibility	10" or 12" speakers/woofers, 4 ohms each
Mic Sockets	2
Power Source	Corded Electric
Power Requirement	220 - 230V (AC)
Cooling	Heatsink
Audio Input Options	3.5mm Aux, 4 RCA Socket, Bluetooth, USB, FM, CD In, TV In
Circuit Design	IC & Transistor & Mosfet

Item Weight	3.92 Kilograms
Noise Level	3 Decibels

9. Warranty and Support

9.1 Warranty Information

This product comes with a**6-month warranty** from the date of purchase. Please retain your purchase receipt as proof of warranty. The warranty covers manufacturing defects but does not cover damage caused by misuse, accidents, unauthorized modifications, or improper installation.

9.2 Customer Support

For any queries regarding the amplifier, technical assistance, or warranty claims, please contact our expert support team:

- **Phone:** +91 9167355351 (Contacting time: 10:00 AM - 6:00 PM)

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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