

RHM K666

RHM K666 Karaoke Machine User Manual

Model: K666

1. INTRODUCTION

Thank you for purchasing the RHM K666 Karaoke Machine. This portable system is designed to deliver powerful and clear sound with rich, deep bass, perfect for various occasions including home entertainment, parties, weddings, picnics, and outdoor activities. It features two wireless microphones, a long-lasting rechargeable battery, and multiple connectivity options. This manual will guide you through the setup, operation, maintenance, and troubleshooting of your new karaoke machine.

2. PACKAGE CONTENTS

Please ensure all items are present in your package:

- 1 x RHM K666 Karaoke Machine
- 2 x Wireless Handheld Microphones
- 1 x Power Adapter
- 1 x Charging Cable (USB)
- 1 x AUX Cable
- 1 x User Manual



Image: The RHM K666 Karaoke Machine along with its included accessories: two wireless microphones, power adapter, charging cable, AUX cable, and user manual.

3. PRODUCT OVERVIEW

3.1 Main Unit Features

The RHM K666 is a compact yet powerful karaoke machine. Its dimensions are approximately 13.86 x 7.87 x 6.89 inches, making it highly portable with a sturdy built-in handle. It features 2x15W tweeters and a 30W subwoofer for clear, loud sound and deep bass. A DSP chip ensures full-range surround stereo sound.



Image: Front view of the RHM K666 Karaoke Machine with a smartphone placed in the integrated holder, showcasing its compact design.

HIGH QUALITY STEREO SOUND



15W Treble X 2



30W Subwoofer X 1



Deep Bass



Image: An exploded diagram illustrating the internal components of the RHM K666, highlighting the 15W tweeters and 30W subwoofer for high-quality stereo sound.

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Video: An overview of the RHM K666 Karaoke Machine, highlighting its clear sound quality and various features.

3.2 Wireless Microphones

The system includes two wireless microphones made of metal material. Each microphone features controls for speaker volume, microphone volume, echo effect, and voice enhancement, allowing for convenient adjustments without needing to access the main unit. They are equipped with a 400mAh rechargeable battery, providing up to 6 hours of use.

DOUBLE SINGING, DOUBLE HAPPINESS

Equipped with two rechargeable UHF wireless microphones



LED Display

Real-time monitoring of microphone status, Power, volume, echo, key, etc, to have the best singing experience

Beautiful Singing

Handy remote control for vol, reverb, and voice mixing which enhance the diversification and give you an energetic performance

Easy Charging

Equipped with 400mAh rechargeable battery and charging cable which lasting for up to 6 hours

Image: A close-up view of the two wireless microphones, showing their control buttons for volume, echo, and voice enhancement, along with an LED display.

3.3 Connectivity Options

The RHM K666 supports multiple connection methods:

- **Bluetooth:** For wireless connection to smartphones, tablets, and other Bluetooth-enabled devices.
- **3.5mm AUX In:** For wired connection to audio sources.
- **USB Drive:** For playing music directly from a USB storage device.
- **PC:** For connection to a computer.



Image: A graphic illustrating the various connectivity options of the RHM K666 Karaoke Machine, including Bluetooth, AUX, USB, and PC.

4. SETUP

4.1 Initial Charging

Before first use, fully charge the karaoke machine and both wireless microphones. The main unit's 4400mAh battery takes approximately 3 hours to fully charge and provides up to 8 hours of playtime. The microphones' 400mAh batteries last up to 6 hours.

4.2 Powering On/Off

- To power on the main unit, press and hold the power button on the top panel.
- To power on the microphones, press and hold the power button on each microphone.
- To power off, repeat the process for both the main unit and microphones.

4.3 Microphone Pairing

The microphones are typically pre-synced with the speaker. If re-pairing is needed:

1. Ensure the speaker is turned off.
2. Turn off one of the microphones.
3. Hold the music decrease button and the power button on the remaining microphone to switch it between Mic 1 and Mic 2. Confirm one is Mic 1 and the other is Mic 2.
4. With both microphones on, hold the music decrease button and the power button on both microphones simultaneously. The icons on both mics will flash.
5. While the mic icons are still blinking (for approximately 20 seconds), turn on the speaker.
6. The icons on both microphones will stop blinking after successful pairing. If not, please try to re-sync again.

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Video: This video demonstrates the process of re-syncing the RHM K666 wireless microphones with the main speaker unit, providing a solution if the microphones are not working correctly.

4.4 Connecting Audio Source

- **Bluetooth:** Activate Bluetooth on your device and select "RM-K666" from the available devices list.
- **AUX In:** Connect one end of the 3.5mm AUX cable to your audio source and the other end to the "AUDIO IN" port on the back of the karaoke machine.

- **USB Drive:** Insert a USB drive containing music files into the USB port on the back of the machine.
- **PC:** Connect the machine to your PC using a compatible cable.

5. OPERATING INSTRUCTIONS

5.1 Basic Controls (Main Unit)

The top panel of the RHM K666 features intuitive controls:

- **Volume +/-:** Adjusts the overall speaker volume.
- **Previous/Next Track:** Skips to the previous or next song.
- **Play/Pause:** Controls music playback.
- **Mode (M):** Switches between input modes (Bluetooth, AUX, USB, PC).
- **Power/Bluetooth (BT):** Powers the unit on/off and activates Bluetooth pairing mode.

5.2 Microphone Controls

Each wireless microphone offers the following controls:

- **Speaker Volume +/-:** Adjusts the main speaker's volume directly from the microphone.
- **Mic Volume +/-:** Adjusts the microphone's output volume.
- **Echo Effect:** Cycles through different echo levels (up to 5 levels) or turns it off.
- **Voice Enhancement:** Activates special voice effects.
- **Power/Function (U/Fn):** Powers the microphone on/off and may switch between functions.

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Video: A demonstration of the echo effect feature on the RHM K666 Karaoke Machine's wireless microphones, showing how to adjust the echo levels.

5.3 Using the Phone/Tablet Holder

The integrated handle on the top of the unit doubles as a convenient stand for your smartphone or tablet, allowing you to easily view lyrics or control music while performing.



Image: The RHM K666 Karaoke Machine with a smartphone securely placed in the built-in holder on top of the unit, ready for use.

6. MAINTENANCE

- Keep the unit and microphones clean by wiping with a soft, dry cloth.
- Avoid exposing the device to extreme temperatures, direct sunlight, or moisture.
- Store in a cool, dry place when not in use.
- Do not attempt to disassemble or repair the unit yourself. Contact customer support for assistance.

7. TROUBLESHOOTING

Problem	Solution
No sound from speaker	<ul style="list-style-type: none">◦ Ensure the unit is powered on and charged.◦ Check volume levels on both the speaker and connected device.◦ Verify the correct input mode (Bluetooth, AUX, USB) is selected.◦ Ensure the AUX cable is securely connected if using wired input.

Problem	Solution
Microphones not working	<ul style="list-style-type: none">◦ Ensure microphones are powered on and charged.◦ Verify microphones are correctly paired (see Section 4.3).◦ Check microphone volume levels.◦ Keep microphones within 10ft (3m) of the machine for optimal performance.
Bluetooth connection issues	<ul style="list-style-type: none">◦ Ensure Bluetooth is enabled on your device and the speaker is in Bluetooth mode.◦ Forget "RM-K666" from your device's Bluetooth list and try pairing again.◦ Move your device closer to the speaker.

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Video: A detailed guide on troubleshooting microphone issues, specifically addressing scenarios where the RHM K666 wireless microphones may not be functioning as expected.

8. SPECIFICATIONS

Feature	Detail
Model	K666
Output Power	55W (2x15W tweeters + 30W subwoofer)
Frequency Response	35Hz - 20KHz
Electrical Impedance	4Ω
Power Specification	15V 4ADC adaptor (110-240V, 50/60Hz)
Battery (Main Unit)	4400mAh rechargeable lithium battery
Playtime (Main Unit)	Up to 8 hours
Battery (Microphones)	400mAh rechargeable battery
Playtime (Microphones)	Up to 6 hours
Dimensions	13.86 x 7.87 x 6.89 inches
Weight	11.13 pounds
Connectivity	Bluetooth, 3.5mm AUX In, USB, PC

9. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the contact details provided in your product packaging or visit the official RHM website. Keep your purchase receipt for warranty claims.

