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› MicroKing MK240-1 Wireless Microphone System User Manual

MicroKing MK240-1

MicroKing MK240-1 Wireless Microphone System User Manual

Model: MK240-1 | Brand: MicroKing

1. INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your MicroKing MK240-1 Wireless Microphone System. Please read this manual thoroughly before using the product to ensure proper function and to prevent damage.

1.1 Package Contents

Verify that all items listed below are included in your package:

- 1 x UHF Wireless Receiver
- 4 x Handheld Wireless Microphones
- 4 x Receiving Antennas
- 1 x Power Adapter
- 1 x 1/4" Audio Cable
- 1 x User Manual

Package List



UHF wireless receiver*1



UHF wireless mics*4



receiving antenna*4



Power adapter*1



1 / 4 " audio cable*1



User manual*1

Image 1.1: Contents of the MicroKing MK240-1 Wireless Microphone System package, including the receiver, four handheld microphones, antennas, power adapter, audio cable, and user manual.

2. SAFETY INFORMATION

To ensure safe operation and prolong the life of your device, please observe the following safety precautions:

- Do not expose the system to rain or moisture.
- Avoid placing the system near heat sources or in direct sunlight.
- Do not open the casing of the receiver or microphones; refer all servicing to qualified personnel.
- Use only the provided power adapter.
- Ensure proper battery insertion in microphones (8 AA batteries required, not included).
- Keep out of reach of children.

3. PRODUCT OVERVIEW

3.1 Receiver Features

The receiver unit is the central hub for the wireless microphone system. It features:

- Four independent channels with fixed UHF frequencies.
- Individual volume controls for each microphone channel.
- LCD display showing frequency and signal strength for each channel.
- Four balanced XLR outputs (one for each channel) and one 1/4" mixed audio output.
- Antenna inputs for stable signal reception.

UHF Wireless Receiver



Image 3.1: Front and rear views of the UHF wireless receiver, highlighting LCD displays, volume controls, power button, antenna connections, balanced XLR outputs, and mixed 1/4" output.

3.2 Handheld Microphone Features

Each handheld microphone is designed for clear audio capture and ease of use:

- Durable metal build with a cardioid moving coil pickup head.
- Integrated LCD display for channel and battery status.
- Easy battery compartment access (requires 2 AA batteries per mic).

4.2 Receiver and Antenna Setup

1. Place the receiver on a stable, flat surface, away from potential interference sources.
2. Screw the four provided antennas into the corresponding ANT A, ANT B, ANT C, and ANT D ports on the rear panel of the receiver. Ensure they are securely tightened.
3. Connect the power adapter to the DC IN port on the receiver and plug it into a power outlet.



Image 4.2: A user attaching the antennas to the rear of the wireless microphone receiver for optimal signal reception.

4.3 Connecting to an Audio System

You have two options for connecting the receiver to an amplifier or mixer:

- **Mixed Output:** Use the provided 1/4" audio cable to connect the "MIX OUT" port on the receiver to an input on your amplifier or mixer. This combines all four microphone signals into a single output.
- **Individual Outputs:** For more control, use XLR cables (not included) to connect the "BALANCED-A", "BALANCED-B", "BALANCED-C", and "BALANCED-D" XLR outputs on the receiver to individual XLR inputs on your mixer. This allows for separate volume and EQ adjustments for each microphone.

Note: An amplifier or speaker system is required to output sound from the receiver.

5. OPERATING INSTRUCTIONS

5.1 Powering On the System

1. Ensure all connections (power, antennas, audio output) are secure.
2. Press the "POWER" button on the front panel of the receiver. The LCD displays should illuminate.
3. Turn on each handheld microphone by sliding its power switch to the "ON" position. The microphone's LCD display will show its channel and battery status.
4. The receiver's corresponding channel display will show "AF" (Audio Frequency) and "RF" (Radio Frequency) indicators, confirming a successful connection.



Image 5.1: The receiver's front panel with the power button illuminated and LCD screens displaying channel information, indicating the system is powered on and ready.

5.2 Adjusting Volume

Each microphone has an independent volume control knob on the receiver (Vol A, Vol B, Vol C, Vol D). Adjust these knobs to achieve the desired audio level for each microphone. Start with the volume knobs at a low setting and gradually increase them to prevent sudden loud sounds.

Independent Volume Control

Separate volume knob for Mic A and Mic B / C / D



Image 5.2: Diagram showing the receiver with four handheld microphones and their corresponding independent volume control knobs on the receiver's front panel.

5.3 Usage Tips

- **Optimal Range:** The system offers a long operating range (up to 400ft in ideal conditions). For best performance, maintain a clear line of sight between the microphones and the receiver.
- **Feedback Prevention:** Position speakers away from microphones to prevent audio feedback.
- **Battery Life:** Monitor the battery indicator on the microphone's LCD display. Replace batteries when low to avoid interruptions.
- **Microphone Handling:** Avoid covering the microphone grille with your hand, as this can affect sound quality and signal reception.

Long distance stable reception

Connection



Image 5.3: Illustration depicting the MicrockKing wireless microphone system's long-range capability, showing stable reception over distances up to 120 meters (approximately 400 feet).

6. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the receiver and microphones. Do not use liquid cleaners or solvents.
- **Storage:** When not in use for extended periods, remove batteries from the microphones and store the system in a cool, dry place.
- **Antennas:** Handle antennas carefully to avoid bending or breaking.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
No sound from microphone	Microphone not powered on.	Turn on microphone.
	Low or dead batteries in microphone.	Replace batteries.
	Receiver not powered on.	Turn on receiver.
	Volume knob on receiver turned down.	Increase volume on receiver.
	Audio cable not connected or faulty.	Check audio cable connections.
	Microphone out of range.	Move microphone closer to receiver.
Intermittent sound or static	Interference from other wireless devices.	Move receiver away from other electronics.
	Microphone too far from receiver.	Ensure antennas are securely attached.
	Loose antenna connections.	Move microphone closer to receiver.
Microphone LCD not displaying	Microphone not powered on.	Turn on microphone.
	Low or dead batteries.	Replace batteries.

8. SPECIFICATIONS

Feature	Detail
Brand	MicrocKing
Model Name	MK240-1
Microphone Form Factor	Handheld
Number of Channels	4
Connectivity Technology	XLR (Output)
Material	Metal (Microphone housing)
Audio Sensitivity	85 Decibels
Signal-to-Noise Ratio	85.0
Frequency Response	16000 Hz
Item Weight	5 Pounds (System)
Product Dimensions (Receiver)	16.5 x 7.9 x 2.1 inches
Power Source (Microphones)	Battery Powered (8 AA batteries required for 4 mics, not included)
Special Features	Mute Function, Volume Control
Compatible Devices	PC, Television, Karaoke Machine

9. OFFICIAL PRODUCT VIDEO



Video 9.1: An official product video demonstrating the features and setup of the MicrocKing Professional UHF Wireless Microphone System (MK240-1).

10. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the contact details provided with your purchase documentation or visit the official MicrocKing website. Keep your purchase receipt as proof of purchase for warranty claims.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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.

Submit question