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› Depusheng R4 Professional UHF Wireless Microphone System with 4 Handheld Microphones User Manual

Depusheng R4

Depusheng R4 Professional UHF Wireless Microphone System User Manual

Model: R4

1. INTRODUCTION

This manual provides comprehensive instructions for the setup, operation, and maintenance of your Depusheng R4 Professional UHF Wireless Microphone System. This system features a metal body receiver and four handheld microphones, designed for clear audio transmission in various settings such as home karaoke, church events, and performances.

2. PACKAGE CONTENTS

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

- 1 x Wireless Receiver
- 4 x Wireless Handheld Microphones
- 2 x Antennas
- 1 x Power Adapter
- 1 x 6.35mm Audio Cable
- 4 x Anti-slip Rings

Product List



Image: Depusheng R4 Wireless Microphone System showing all included components: receiver, four handheld microphones, two antennas, power cord, 1/4" audio cable, and anti-slip rings.

3. PRODUCT OVERVIEW

3.1. UHF Wireless Receiver

The receiver adopts a dual-antenna design for stable signal reception of four microphone signals, with an unobstructed reception range of up to 50 meters and strong anti-interference capability. The receiver is constructed from metal, ensuring durability.



Image: The Depusheng R4 wireless receiver with four handheld microphones and antennas. The receiver has individual volume knobs for each microphone (VOL.A, VOL.B, VOL.C, VOL.D) and power indicators.



Image: Detailed diagram of the UHF Wireless Receiver's front and rear panels. The front panel shows A/B/C/D channel volume adjustment knobs and the power switch. The rear panel displays the DC-12V power jack, balanced XLR outputs for each channel (BAL.A, BAL.B, BAL.C, BAL.D), a 1/4" audio output, and antenna interfaces. This image also illustrates connection examples to a TV, home theater setup, stage speakers, and an audio mixer.

3.2. Handheld Microphones

The handheld microphones are made of metal, providing a robust and durable design. They feature an advanced chip and a cardioid dynamic microphone core, designed to accurately capture sound and deliver clear, pure, and full audio. Each microphone includes an informative LCD screen and POWER & SET buttons for operation.

Handheld Transmitter



Image: Close-up view of a Depusheng R4 handheld microphone highlighting its features: metal mesh grille, informative orange-light LCD screen for status visualization, POWER & SET buttons for operation and frequency settings, and the AA battery slot.

4. SETUP INSTRUCTIONS

- 1. Unpack Components:** Carefully remove all items from the packaging.
- 2. Install Antennas:** Screw the two antennas onto the corresponding connectors at the rear of the receiver.
- 3. Power the Receiver:** Connect the power adapter to the DC-12V input on the receiver and plug it into a power outlet.
- 4. Install Microphone Batteries:** Open the battery compartment of each handheld microphone and insert 2 AA batteries (not included), ensuring correct polarity.
- 5. Connect to Audio System:**
 - For a single mixed output, use the provided 6.35mm audio cable to connect the receiver's 1/4" audio output to your mixer, amplifier, or powered speaker.
 - For individual microphone outputs, use XLR cables (not included) to connect the balanced XLR outputs (BAL.A, BAL.B, BAL.C, BAL.D) on the receiver to corresponding inputs on your audio mixer.

5. OPERATING INSTRUCTIONS

1. Power On:

- Flip the POWER switch on the receiver to the "ON" position.
- Press and hold the POWER button on each microphone to turn it on. The LCD screen will illuminate.

The system is designed for automatic connection. The signal will be automatically paired between the microphones and the receiver upon power-up.

2. **Adjust Volume:** Use the individual volume knobs (VOL.A, VOL.B, VOL.C, VOL.D) on the receiver to adjust the output level of each microphone independently.

3. **Frequency Adjustment (if needed):** The microphones offer 5 groups of frequency point settings. Refer to the microphone's LCD screen and POWER & SET buttons for advanced frequency adjustments to avoid interference.

4. Optimal Usage:

- Maintain a clear line of sight between the microphones and the receiver for optimal signal stability. The system supports reception up to 50 meters.
- The cardioid dynamic microphone core is designed to accurately capture sound and minimize ambient noise.

5. Power Off:

- Press and hold the POWER button on each microphone to turn it off.
- Flip the POWER switch on the receiver to the "OFF" position.

Independent volume control

Separate volume knob for Each Mic



Image: Illustrates the independent volume control feature of the Depusheng R4 system, showing a hand adjusting a volume knob on the receiver while a person uses a microphone. The image highlights that each microphone has a separate volume knob on the receiver.

Lossless Optimized Sound Quality



Effectively prevent ambient noises



Cardioid Pickup

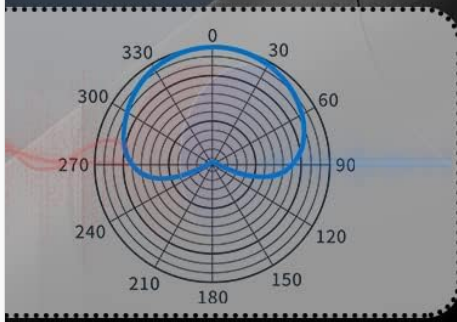


Image: Depicts the sound quality features of the Depusheng R4 microphones, emphasizing effective prevention of ambient noises and cardioid pickup pattern. A polar pattern diagram is included to illustrate the unidirectional sound capture.

UHF Wireless Receiver

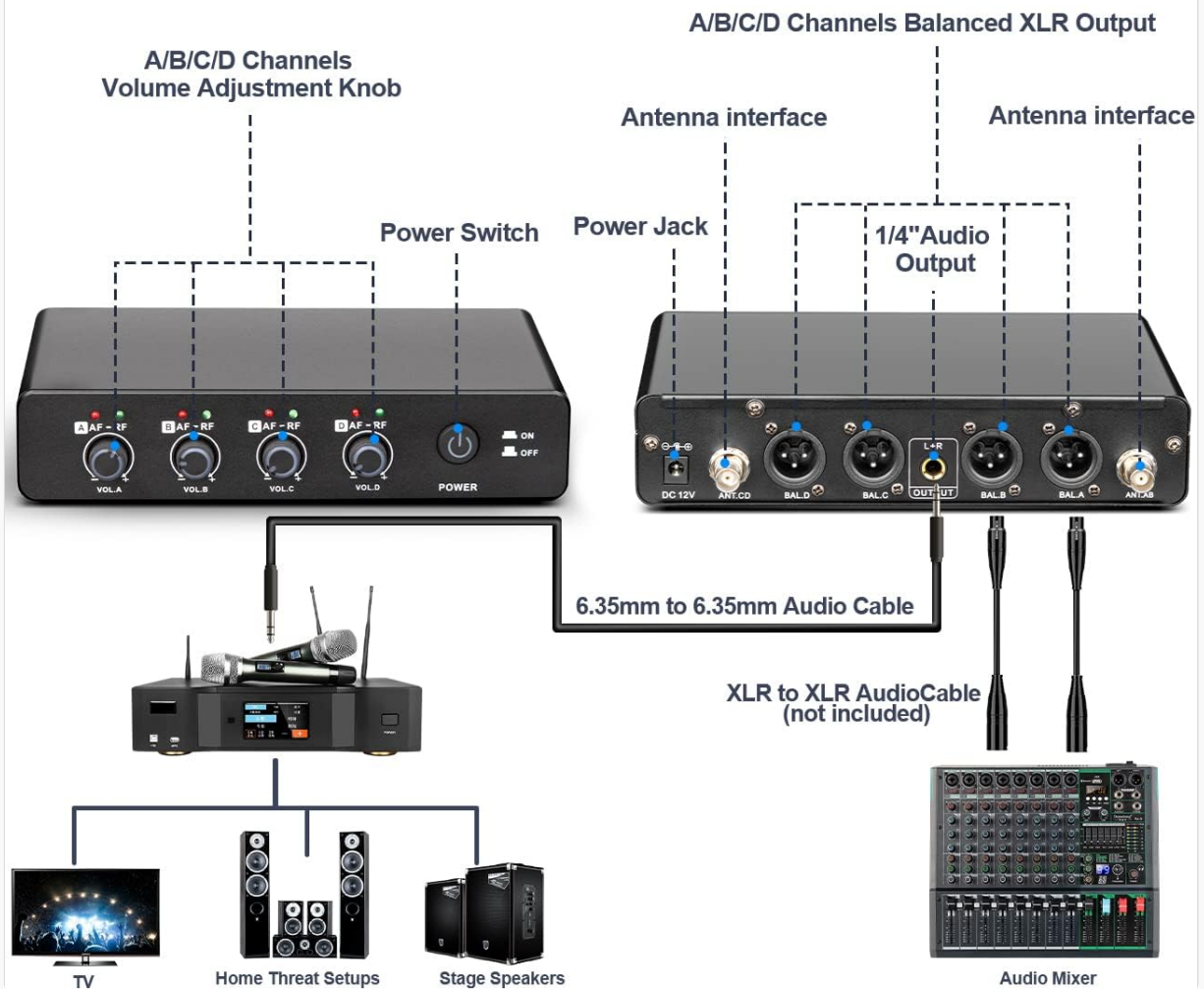


Image: Shows the Depusheng R4 receiver and a handheld microphone, highlighting a stable signal range of up to 160 feet (approximately 50 meters). A visual representation of signal strength is included.

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 away from direct sunlight and extreme temperatures.
- **Battery Replacement:** Replace AA batteries in the microphones when the battery indicator on the LCD screen shows low power.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
No sound from microphone	<ul style="list-style-type: none"> ◦ Microphone not powered on ◦ Low or dead batteries ◦ Receiver not powered on ◦ Volume knob turned down ◦ Incorrect connection to audio system ◦ Microphone and receiver not paired 	<ul style="list-style-type: none"> ◦ Press and hold microphone POWER button ◦ Replace AA batteries ◦ Ensure receiver POWER switch is ON ◦ Adjust volume knob on receiver and audio system ◦ Verify audio cable connections ◦ Power cycle both microphone and receiver to re-establish connection
Interference or poor signal	<ul style="list-style-type: none"> ◦ Obstacles between microphone and receiver ◦ Operating beyond effective range ◦ Other wireless devices causing interference ◦ Antennas not properly positioned 	<ul style="list-style-type: none"> ◦ Ensure clear line of sight ◦ Reduce distance between microphone and receiver ◦ Change microphone frequency (if applicable) ◦ Adjust antenna position for optimal reception
Microphone LCD not displaying	<ul style="list-style-type: none"> ◦ Microphone not powered on ◦ Low or dead batteries 	<ul style="list-style-type: none"> ◦ Press and hold microphone POWER button ◦ Replace AA batteries

8. SPECIFICATIONS

Feature	Detail
Model Name	R4
Brand	Depusheng
Connectivity Technology	UHF, XLR
Microphone Form Factor	Handheld
Number of Channels	4
Material	Metal
Signal-to-Noise Ratio	98 dB
Power Source	Corded Electric (Receiver), 8 AA batteries (Microphones)
Special Features	Volume Control, Noise Reduction, Battery Indicator
Polar Pattern	Unidirectional (Cardioid)
Recommended Uses	Singing, Karaoke
Item Weight	2.5 Kilograms

9. WARRANTY AND SUPPORT

Depusheng products are manufactured to high-quality standards. For warranty information and technical support, please refer to the documentation provided with your purchase or contact Depusheng customer service directly. Keep your proof of purchase for warranty claims.

For further assistance, please visit the official Depusheng website or contact your retailer.