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MELONARE MWM-41F

MELONARE MWM-41F 4-Channel Wireless Microphone System User Manual

Model: MWM-41F | Brand: MELONARE

1. PRODUCT OVERVIEW

The MELONARE MWM-41F is a 4-channel UHF wireless microphone system designed for clear, pristine audio performance across various applications such as singing, karaoke, church events, DJ sets, and parties. It features UHF digital transmission with a 24-bit/48kHz sampling rate for enhanced audio dynamics and fidelity. Special EQ tuning enriches low ends and high-frequency overtones, ensuring balanced and crystal-clear sound quality. The cardioid pickup pattern of the microphones effectively isolates environmental noise, reproducing original sound with precision.

This system offers seamless wireless connectivity with an expansive 260ft coverage and UHF 500MHz signal clarity. Frequency hopping technology allows for the selection of clear frequencies, minimizing interference. Its 4x10 frequency groups support the simultaneous use of multiple systems, up to 8 sets, providing flexibility for extensive setups. The receiver is rack-mountable for professional integration with other audio equipment.



Image: MELONARE MWM-41F system showcasing key audio features like UHF digital transmission, 24-bit/48kHz sampling rate, special EQ tuning, and cardioid polar pattern.

2. Box CONTENTS

Upon unboxing your MELONARE MWM-41F system, please verify that all the following components are included:

- 1 x Wireless Receiver
- 4 x Handheld Microphones (Transmitters)
- 8 x AA Batteries (for microphones)
- 1 x User Manual
- 1 x Power Adapter
- 1 x 6.3 mm TS to TS Audio Cable
- 1 x 6.3 mm Female to 3.5 mm Male Adapter
- 2 x Rack Mount Ears
- 2 x Antennas

MULTI-DEVICE COMPATIBILITY

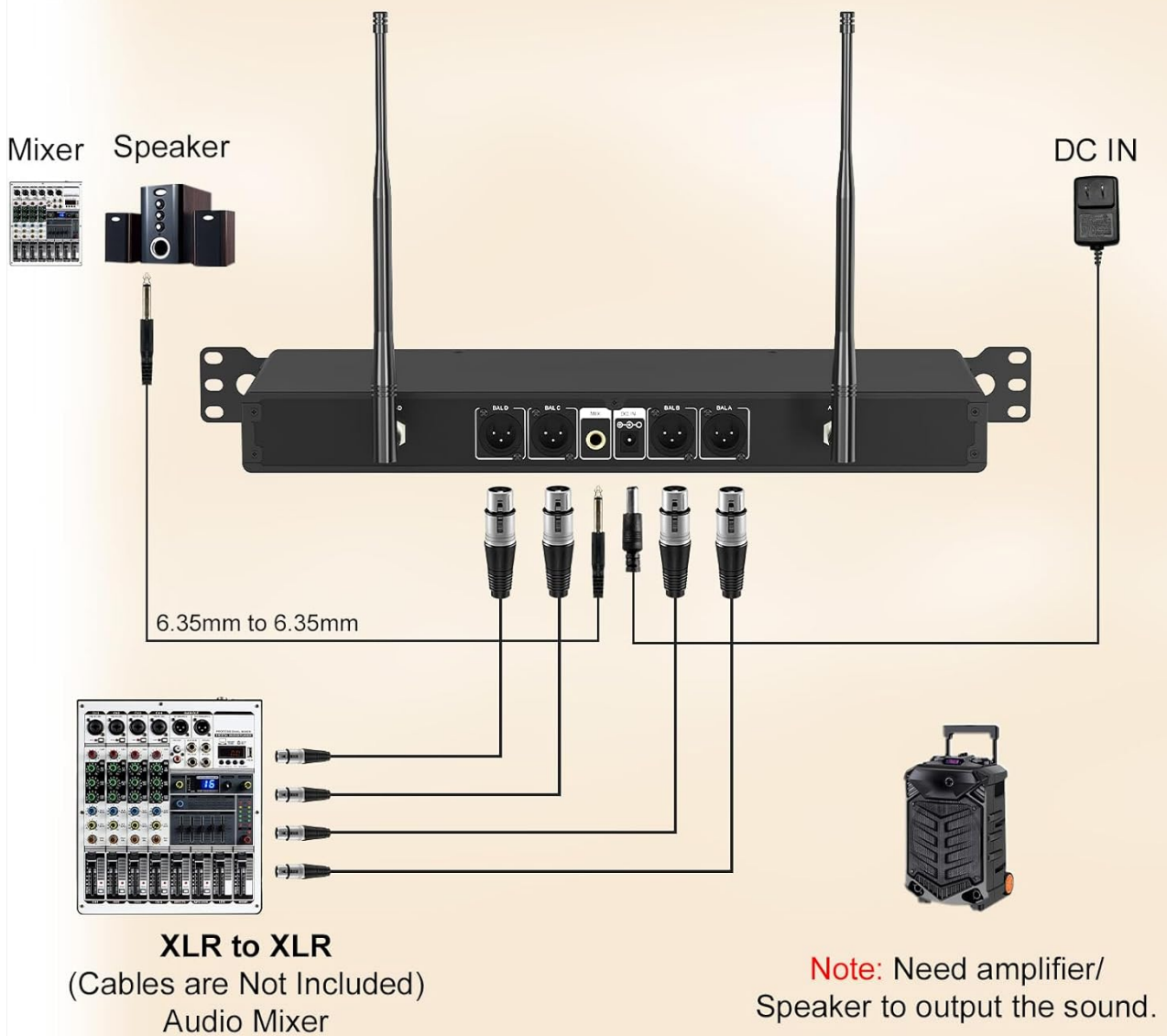


Image: A visual representation of all items included in the MELONARE MWM-41F package, neatly arranged.

APPLICABLE SCENARIOS



Image: Diagram illustrating the product list, showing the wireless receiver, four handheld transmitters, rack mount ears, 6.35mm to 3.5mm cable adapter, 1/4" audio cable, power adapter, AA batteries, two antennas, and user manual.

3. SETUP INSTRUCTIONS

3.1 Connecting the Receiver

1. **Attach Antennas:** Screw the two included antennas onto the ANT A-B connectors on the rear panel of the wireless receiver. Adjust them for optimal signal reception.
2. **Power Connection:** Connect the power adapter to the DC IN port on the receiver and plug it into a power outlet.
3. **Audio Output:** Connect the receiver to your audio mixer, amplifier, or speaker system. You can use the individual balanced XLR outputs (BAL A, BAL B, BAL C, BAL D) for each channel or the mixed 6.3mm TS output (MIX) for a combined signal. Use the provided 6.3mm TS to TS audio cable or the 6.3mm female to 3.5mm male adapter as needed for your setup.

USAGE OCCASIONS



Image: Diagram showing the multi-device compatibility of the receiver, illustrating connections to a mixer, speaker, and power source using XLR and 6.35mm cables.

FULL FEATURES AT YOUR FINGERTIPS

Battery Level



Multiple Frequencies

Power Button

(Long press to turn on/off)
(Short press to mute)

Frequency Switch Button

Powered by 2 AA Batteries



Image: Front view of the receiver showing volume controls and power button, and back view showing XLR outputs, 6.35mm (1/4") output, and DC power input.

3.2 Installing Batteries in Microphones

Each handheld microphone requires two AA batteries. Unscrew the bottom part of the microphone to access the battery compartment and insert the batteries, observing the correct polarity.

3.3 Initial Power On and Pairing

The microphones come pre-paired with the receiver for immediate use. Simply turn on the receiver and then each handheld microphone. They will automatically connect.



Image: The MELONARE MWM-41F receiver and a handheld microphone, illustrating the 260ft wireless coverage.

PLUG AND PLAY



Just simply turn on the receiver and transmitter, and they will automatically pair.

Image: Close-up of the user-friendly handheld microphone design, highlighting the anti-rolling mic grill and clear display for channel assignments.

Video: An official MELONARE Audio video demonstrating the setup and basic functionality of the 4-Channel Wireless Microphone System, including connecting the receiver and powering on the microphones.

4. OPERATING INSTRUCTIONS

4.1 Microphone Controls

- **Power Button:** Long press to turn the microphone ON/OFF. Short press to MUTE/UNMUTE.
- **Frequency Switch Button:** Located on the microphone, this button allows you to change the operating frequency within its assigned group.
- **Display:** The microphone's display shows the current channel, frequency, and battery level.

DESIGNED FOR EFFORTLESS USE



Easy Rackmount



Clear Frequency Display

Image: Smart design features of the handheld microphones, including the ON/OFF/Mute switch button, anti-rolling microphone grill, real-time battery level indicator, and frequency switch button.

PRODUCT LIST



 Wireless Receiver x1	 Handheld Transmitters x4	 Rack Mount Ear x2	 6.35mm to 3.5mm Cable Adapter x1
 1/4" Audio Cable x1	 Power Adapter x1	 AA Batteries x8	 Antenna x2
			 User Manual x1

Image: Detailed view of the microphone's features, including battery level indicator, multiple frequencies display, power button (long press for ON/OFF, short press for mute), and frequency switch button. The microphone is powered by 2 AA batteries.

4.2 Receiver Controls

- **Volume Control:** Each channel on the receiver has an independent volume knob, color-coded to match the microphones for easy identification.
- **Display:** The receiver's display shows the frequency and signal status for each channel, allowing real-time monitoring.
- **Rackmount:** The receiver can be mounted in a standard audio rack using the included rack ears.



Image: The receiver unit highlighting its easy rackmount capability and clear frequency display for effortless use.

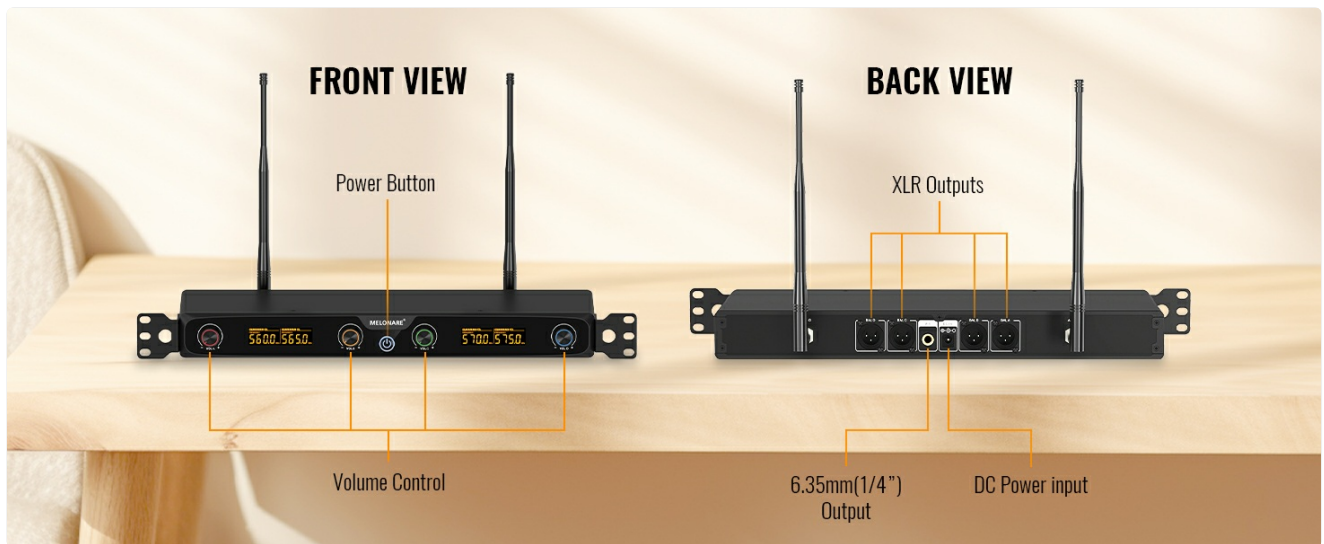


Image: The receiver with two rack mount ears for direct rack installation and a clear frequency display for real-time monitoring.

4.3 Adjusting Frequencies

The system supports 4x10 frequency groups. If interference occurs, you can change the frequency on the handheld transmitter using the frequency switch button. The receiver will automatically sync to the new frequency.

SEAMLESS FREQUENCY FLEXIBILITY

Utilize **4x10** frequency groups for multi-system use with interference resistance



Image: Four handheld microphones and the receiver demonstrating seamless frequency flexibility with 4x10 frequency groups for multi-system use and interference resistance.

5. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the receiver and microphones. Avoid using abrasive cleaners or solvents.
- **Battery Care:** Remove batteries from microphones if they will not be used for an extended period to prevent leakage.
- **Storage:** Store the system in a cool, dry place away from direct sunlight and extreme temperatures.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
No sound output	Receiver or microphone not powered on; incorrect cable connection; low microphone battery.	Ensure all devices are powered on. Check all audio cable connections. Replace microphone batteries.
Interference or static	Operating frequency interference; microphone too far from receiver.	Change the microphone's operating frequency. Reduce distance between microphone and receiver (within 260ft range).
Microphone not pairing	Microphone not in pairing mode or receiver not ready.	Ensure both devices are powered on. Follow the pairing instructions in the operating section to manually sync if needed.

7. SPECIFICATIONS

Feature	Detail
Brand	MELONARE
Model Name	MWM-41F
Connectivity Technology	UHF
Connector Type	XLR
Number of Channels	4
Frequency Response	16000 Hz
Wireless Range	Up to 260ft
Microphone Form Factor	Handheld
Power Source	Battery Powered (8 AA batteries included)
Enclosure Material	Metal (receiver), Plastic (microphones)
Item Weight	6 Pounds
UPC	810164760609

8. WARRANTY & SUPPORT

This product does not explicitly state a warranty description in the provided specifications. For detailed warranty information and customer support, please refer to the official MELONARE website or contact their customer service directly. Keep your purchase receipt as proof of purchase.

For technical assistance or inquiries, please visit the MELONARE Store on Amazon or contact the seller directly through your Amazon order history.