

ROCKVILLE

RWM72U

DUAL UHF WIRELESS HANDHELD
MICROPHONE SYSTEM w/DIGITAL DISPLAY

OWNER'S MANUAL

ATTENTION:
WATCH THIS VIDEO BEFORE FIRST USE!

Who reads manuals?

Scan the **QR code** or go to rockvillesupport.com/rwm72u to access how-to video(s), the owner's manual, and other important information you may need to get the most out of your item.

If you prefer written instructions, please read ahead!

With Rockville you get many options.



Missing items? If you ordered a bundle that includes more than one product and you are missing part of your bundle then it just means your order shipped from two different warehouses. You will receive the remaining items very soon. If you have any concerns or inquiries, feel free to call our customer support center at 1-646-758-0144, 24 hours a day/7 days a week.

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Thank you for purchasing this Rockville RWM72U Dual Wireless UHF Microphone System. Please read this owner's manual carefully for proper use of your Rockville Wireless UHF Microphone System. Should you need assistance, please call our technical help line at 1-646-758-0144, 24 hours a day/7 days a week.

Includes:

- Receiver with LED display
- 2 hand-held mics with LED display
- 1/4" to 1/4" Audio output cable
- Power adapter
- 2 antennas
- 4 AA batteries
- Owner's manual
- Warranty card

Receiver (Front)

- a. Antenna
- b. Power on/off
- c. Volume controls
- d. CH A LED indicator
- e. Audio signal LED indicator
- f. LED Display: shows frequency and channel
- g. CH B LED indicator



Receiver (Back)

- a. Antenna B
- b. Mic B XLR out
- c. 1/4" TRS Mix out
- d. Power input (110/220 volt power supply for worldwide use)
- e. Mic A XLR out
- f. Antenna A



Microphone

- a. Microphone windscreen
- b. LED Display: shows frequency
- c. Power on/off
- d. Battery compartment.

Please note: LED screen will gradually darken, indicating that the battery is low and needs to be replaced.



Setup and Operation

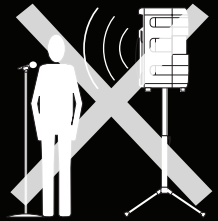
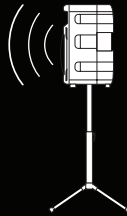
The RWM72U features a 1/4" mix output if you want to connect to a single mixer channel so as to control the mic mix. There are also individual volume controls and XLR outputs so you can plug Mic A into one mixer channel and Mic B into another mixer channel in case you want to have 2 different sound mixes on each mic.

Please note: Although you can use either mic or line level inputs, line level inputs are preferred when available. Be sure to adjust the volume on the mic receiver according to the input you choose.

- The receiver should be placed in an area that is stable and least likely to shake the unit.
- The receiver should be at least 3 ft off the ground for optimal transmission.
- Connect the antenna and power supply provided.
- The antenna should extend vertically.
- Switch on the receiver.
- Switch on the microphones.
- Adjust volume as necessary.

Tip:

To minimize feedback avoid operating the microphones in close proximity of or in front of speakers.



Features and Specs

- High performance and long range
- Includes microphone receiver and (2) handheld microphones
- High sensitivity cartridge
- Unidirectional
- Wireless cardioid polar pattern
- Dual filter design to limit feedback and interference
- Durable composite microphone construction with our signature comfortable rubbery coating
- Color coded microphones
- LED display
- Low power consumption for longer battery life
- Latest UHF digital technology is controlled by a central microchip to ensure stable voice quality
- (2) Individual XLR outputs if you want to control each mic mix separately
- Mixed ¼" TRS output to control both mics through one channel on your mixer
- Individual microphone volume controls
- 110/220 volt switchable for worldwide use

Operating Range*: 250' – 350' (indoor), 200' – 300' (outdoor)

Frequency Range: 500MHz – 599MHz

Frequency Stability: $\pm 0.005\%$

Modulation Mode: UHF

Frequency Response: 50Hz – 16KHz(± 3 dB)

Dynamic Range: 110dB

S/N: 90dB

T.H.D: $< 0.1\%$ (1KHz)

Audio Output Impedance: 600 Ω

System Distortion: $\leq 0.5\%$

Sensitivity: $< 2\mu V$

Audio Output Jack: (2) XLR balanced, (1) ¼" mix out

Power Voltage: AC110V – 240V 50/60Hz

Operating Temperature: 14°F – 122°F

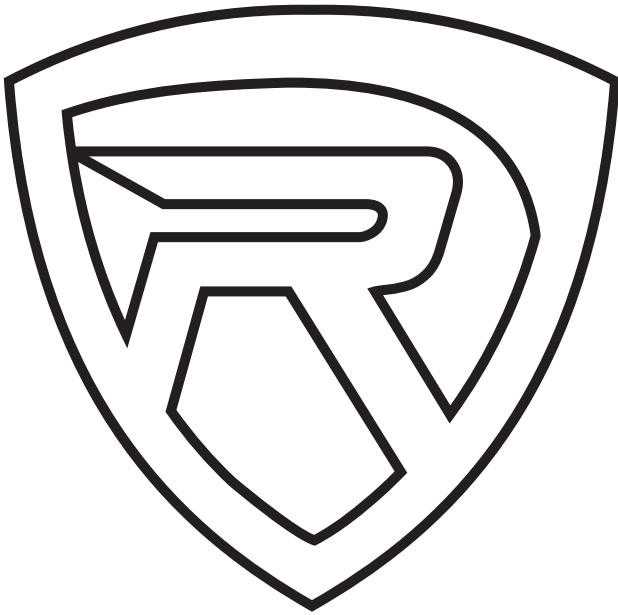
Mic Battery Operating Time: up to 10 hours

Power Supply: 1.5V x 2

*Operating range is subject to environmental conditions. Results may vary.

Troubleshooting

Problem	Solution
No sound or faint sound	<ul style="list-style-type: none">• Verify all sound system connections or adjust channel volume as needed.• Verify that the receiver is connected to the mixer/amplifier.
	<ul style="list-style-type: none">• Turn on microphone. A dark LED screen indicates that the battery is low. Please replace or recharge the battery.• Make sure the batteries are installed correctly.
	<ul style="list-style-type: none">• Make sure AC adapter is securely plugged into electrical outlet.• Make sure receiver is powered on.
Audio artifacts or dropouts	<ul style="list-style-type: none">• Identify nearby sources of interference (cell phones, Wi-Fi access points, signal processor, etc...) and shutdown or remove source.• Charge or change microphone battery.• System must be set up within recommended range and receiver kept away from metallic surfaces.• Microphone must be used in line of sight from receiver for optimal sound.
Distortion	Reduce microphone channel volume.
Sound level variations when switching to different sources	Adjust microphone volume as necessary.
Transmitter information does not appear on the Receiver LED	Microphone is off.



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