

ROCKVILLE

RWM-U2

DUAL UHF HANDHELD RECHARGEABLE
WIRELESS MICROPHONE SYSTEM

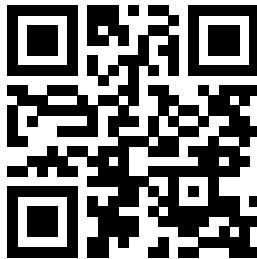
OWNER'S MANUAL

WHO READS MANUALS?

Instead, go to vimeo.com/494481584 or scan the QR code and watch a short video, which shows you how to set this item up and how to use it.

If you prefer written instructions please read ahead!

With Rockville we offer 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 646-758-0144, Monday through Thursday, 9am to 10pm EST, and Fridays, 9am to 3pm EST.

ROCKVILLE

Thank you for purchasing this Rockville RWM-U2 Wireless Microphone System. Please read this owner's manual carefully for proper use of your wireless microphone system. Should you need assistance, please call our technical help line at 1-646-758-0144, Monday through Thursday, 9am to 10pm EST., and Fridays, 9am to 3pm EST.

INCLUDES

- Two rechargeable microphones
- Full metal rack mount receiver with rack ears
- 6ft ¼" to ¼" cable (connects mic receiver to mixer or speaker)
- AC power adapter with a 5ft cord
- Two 1200mA lithium batteries (14650 version)
- Two antennas
- Manual
- Warranty card

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Specs

Operating Range*: 250' – 350' (indoor), 165' – 200' (outdoor)

Channel: 20 x 2 channel selection

Frequency Range: 500MHz – 599MHz

Frequency Stability: $\pm 0.005\%$

Modulation Mode: UHF

Frequency Response: 50Hz – 20KHz (± 3 dB)

Dynamic Range: 96dB

S/N: 92dB

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

Audio Output: Mix Out: XLR balanced + 1/4" unbalanced

Channel A Out: XLR balanced

Channel B Out: XLR balanced

Power Voltage: AC110V – 240V 50/60Hz

Operating Temperature: 14°F – 122°F

Mic Battery Operating Time: up to 10 hours

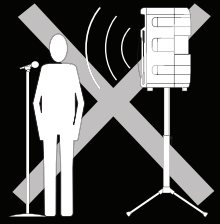
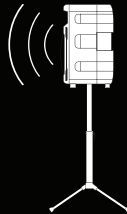
Mic Recharge Time: 4 hours

Includes: RWM-U2 transmitter with two hand held rechargeable microphones, two lithium batteries, 1/4" to 1/4" cable, power cable, two antennas, user manual, and warranty card

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

Tip:

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



Receiver (Front)

- a. Antenna
- b. Channel A LCD display
- c. Channel A volume control knob
- d. Channel B LCD display
- e. Channel B volume control knob
- f. Power on/off



Receiver (Back)

- a. Antenna ports
- b. DC 12V Power input
- c. 1/4" Mix out: outputs a mix of both channels
- d. XLR Mix out: outputs a mix of both channels
- e. Channel B Balanced XLR output
- f. Channel A Balanced XLR output



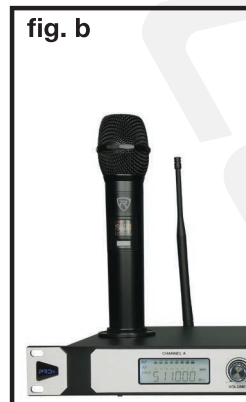
Microphone

- a. Microphone windscreen
- b. LCD screen displays channel frequency and battery level
- c. Power on/off button: Press and hold for 2 – 3 seconds to power on or off. While the microphone is on, press the button to mute or unmute the mic.
- d. Frequency button: Press this button to switch the mic's frequency
- e. Battery compartment



Charging

To charge the microphones, simply place them in the charging dock on top of the receiver (fig. a). Please ensure the microphone is properly seated in the charging dock (fig. b). Charge time is 4 hours.



LCD Displays

- Radio frequency (RF) strength
- Audio frequency (AF) strength
- Channel frequency
- Battery status
- Mic battery level indicator
- Mic frequency
- Mic channel



Setup and Operation

- Plug in the power supply and turn on the receiver.
- The receiver should be at least 3 feet off the ground for optimal transmission.
- Connect the antennas.
- The antennas should extend vertically.
- Depending on your set-up, connect the appropriate outputs.
- Make sure the microphone battery is charged, is properly inserted, and the base is secure.
- Turn on the microphone. It should automatically connect to the receiver.
- If necessary, use the frequency button on the mic to change its frequency.
- Adjust channel volume as necessary.

Troubleshooting

Problem	Solution
No sound or faint sound	<ul style="list-style-type: none">• Verify all sound system connections and adjust channel volume as needed.• Verify that the mic receiver is connected to the mixer/amplifier.
	<ul style="list-style-type: none">• Verify your mics are turned on and not muted (see page 3, item c).• Check the mics frequency and adjust if necessary (see page 3).• Make sure the batteries are installed correctly.• Charge the microphones.
	<ul style="list-style-type: none">• Make sure AC adapter is securely connected to the unit and to the electrical outlet.• Make sure receiver is powered on.
Audio artifacts or dropouts	<ul style="list-style-type: none">• Change receiver and mic to a different frequency.• Identify nearby sources of interference (cell phones, Wi-Fi access points, signal processor, etc...) and shutdown or remove source.• Charge the microphones (see page 3).• 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 LCD	Microphone is off. Please turn it on and charge if necessary (see page 3)

FEDERAL COMMUNICATIONS COMMISSION COMPLIANCE INFORMATION

Responsible party name: Rockville

Address: 600 Bayview Ave,
Entrance A,
Inwood, NY 11096

Hereby declares that the product Rockville RWM-U2 UHF microphone kit complies with FCC rules as mentioned in the following paragraph:

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Rockwell

Visit us at:

RockvilleAudio.com

Due to constant improvements, these specifications are subject to change without notice.

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