

# ROCKVILLE



OWNER'S MANUAL

## RWM1202VH V2

HIGH PERFORMANCE WIRELESS MICROPHONE SYSTEM

*Who reads manuals?*

Instead, go to [vimeo.com/494444603](https://vimeo.com/494444603) or scan the QR code and watch a short video, which shows you how to set this item up and how to use it.





Thank you for purchasing this Rockville RWM1202VH v2 Wireless Microphone System. Please read this owner's manual carefully for proper use of your Rockville Wireless Microphone System. Should you need technical 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.

Rockville

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## FEATURES

- High performance wireless hand held microphone system
- Includes transmitter with (2) hand held microphones
- High sensitivity, unidirectional, wireless cardioid microphones
- Featuring a dual filter design to limit feedback and interference
- Ultra signal stability eliminates unwanted distortion
- Transmitter automatically links to receiver for ease of use
- Individual microphone volume controls
- Rugged metal housing
- Durable composite microphone construction
- Comfortable ergonomic design
- Low power consumption for longer battery life

## SPECIFICATIONS

### SYSTEM

Operating Range: 100' – 200'(indoor), 65' – 165'(outdoor)\*

Audio Frequency Response: 80 – 12KHz

Dynamic Range:  $\geq 110\text{dB}$

Signal-to-Noise Ratio:  $\geq 60\text{dB}$

Operating Temperature: 14°F – 122°F

Carrier Frequency Range: 170 – 260MHz

### RECEIVER

Sensitivity: (S/N = 30dB)  $> 2\text{mV}$

De-Emphasis: 50 $\mu\text{S}$

Audio Output Impedance: 600 $\Omega$

Audio Output Level.: 0 – 0.5V

Power Supply: AC110/220V 56/60Hz

Current Consumption:  $\leq 50\text{mA}$

Audio Out Connector: 2x 1/4" unbalanced, 1x 1/4" balanced

### TRANSMITTER

Frequency Stability:  $\pm 0.005\%$

RF Output Power:  $\leq 30\text{mW}$

Modulation Mode: VHF

Maximum Deviation Range:  $\pm 50\text{KHz}$

Microphone Mode: Fixed

Pre-Emphasis: 50 $\mu\text{S}$

Power Supply: AA/1.5V $\times 2$

Current Consumption:  $\leq 35\text{mA}$

## Receiver (Front)

- Antenna A
- Antenna B
- Power on/off switch
- LED power indicator
- MIC A Volume adjustment knob
- MIC A RF signal LED indicator
- MIC B RF signal LED indicator
- MIC B Volume adjustment knob



## Receiver (Back)

- Antenna B
- Antenna A
- MIC B 1/4" TRS audio out
- MIC A 1/4" TRS audio out
- Power cord



## Microphones

- a. Microphone windscreen
- b. Power LED indicator
- c. Power on/off switch
- d. Battery compartment



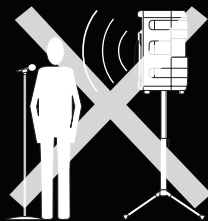
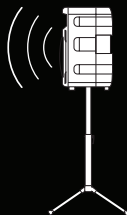
## Setup and Operation

For best performance of the wireless microphone system you should make sure that you run the cable from the receiver output ( $\frac{1}{4}$ " output) into a microphone input on a powered speaker or mixing board. If you run it right into a line level input then the audio volume level output of the microphone(s) will drop significantly. Most mixers and powered speakers have both a Microphone input and a line level input.

- 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' off the ground for optimal transmission.
- Connect the antenna, balanced cable AF line, and power supply provided.
- The antenna should extend vertically.
- Switch on the receiver.
- While the receiver is in stand-by, 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.





Problem	Solution
No sound or faint sound	<ul style="list-style-type: none"> <li>• Verify all sound system connections or adjust channel volume as needed.</li> <li>• Verify that the receiver is connected to the mixer/ amplifier.</li> </ul>
	<ul style="list-style-type: none"> <li>• Turn on microphone.</li> <li>• Make sure the batteries are installed correctly.</li> <li>• Charge or change battery.</li> </ul>
	<ul style="list-style-type: none"> <li>• Make sure the power cord is securely plugged into the electrical outlet.</li> <li>• Make sure receiver is powered on.</li> </ul>
Audio artifacts or dropouts	<ul style="list-style-type: none"> <li>• Identify nearby sources of interference (cell phones, Wi-Fi access points, signal processor, etc...) and shutdown or remove source.</li> <li>• Change microphone battery.</li> <li>• System must be set up within recommended range and receiver kept away from metallic surfaces.</li> <li>• Microphone must be used in line of sight from receiver for optimal sound.</li> </ul>
Distortion	Reduce microphone channel volume.
Sound level variations when switching to different sources	Adjust microphone volume as necessary.

## FEDERAL COMMUNICATIONS COMMISSION COMPLIANCE INFORMATION

Responsible party name: Rockville

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

Hereby declares that the product Rockville RWM1202VH V2 VHF microphone kit complies with FCC rules as mentioned in the following paragraph:

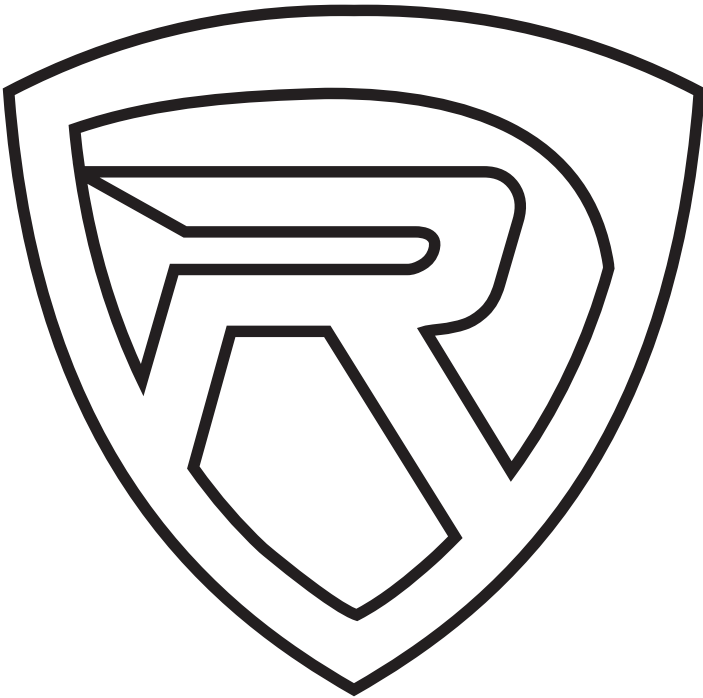
This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

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.

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