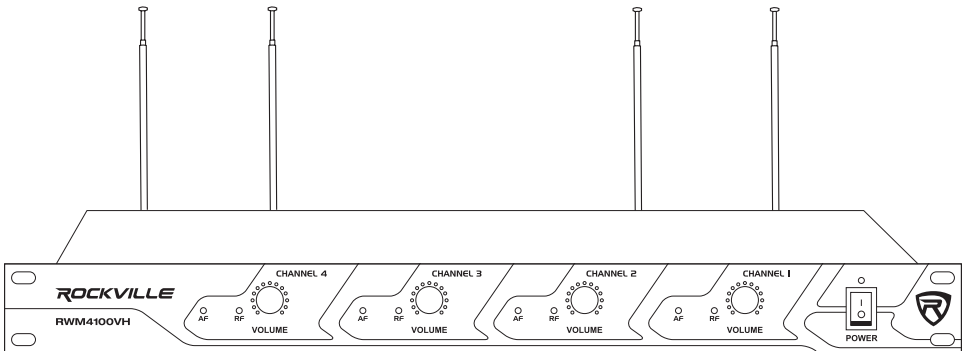
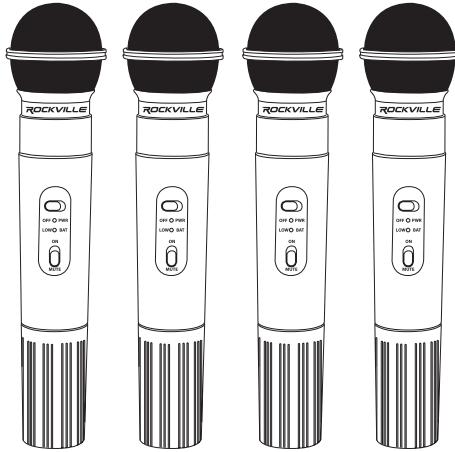


ROCKVILLE



RWM4100VH

High Performance Hand Held Wireless Microphone System

USER'S MANUAL

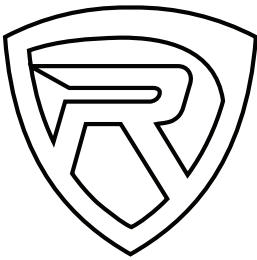
ROCKVILLE

Thank you for purchasing this Rockville Wireless Microphone System.

We are very proud to bring you what we consider to be the absolute best value in pro audio products. This project has been a culmination of years of development involving a team of dreamers, engineers, designers and marketing gurus. Proudly conceived and developed in the USA, Rockville pro audio products are designed and engineered by a team of pro audio enthusiasts.

We have spared no expense in manufacturing these Wireless Microphone Systems to meet the highest quality standards. With proper care and installation these units will provide you with the highest levels quality. We hope that these units will bring you years of performance and reliability.

Please read this installation guide 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 Friday, 9am to 5pm EST.



ROCKVILLE

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Specs

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

Channel: Four Channel

Frequency Range: 175MHz-216MHz

Frequency Stability: $\pm 0.005\%$

Modulation Mode: VHF

Frequency Response: 50Hz-15KHz(± 3 dB)

Dynamic Range: 110dB

S/N: 90dB

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

Audio Output Jack: (Ch1/Ch2) XLR balanced + 1/4" mixed

Power Voltage: AC110V-240V 50/60Hz

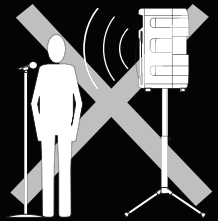
Operating Temperature: 14°F-122°F

Mic Battery Operating Time: up to 8 hours

Includes: RWM4100VH transmitter with (4) hand held microphones, power cable, user manual, and warranty card

Tip:

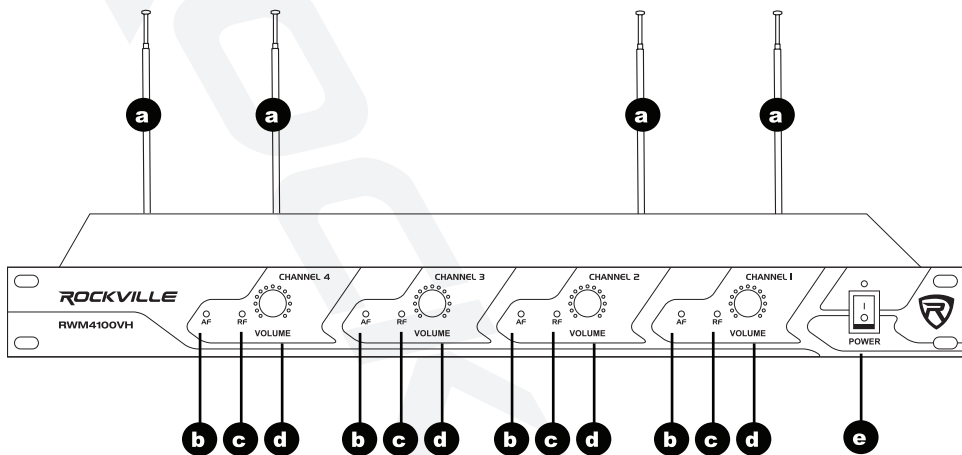
To minimize feedback avoid operating the microphones in close proximity of or in front of speakers.



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

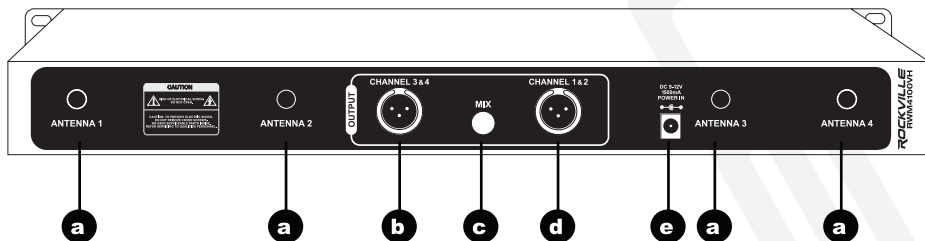
Receiver (Front)

- a. Antenna
- b. Audio frequency LED indicator
- c. Radio frequency LED indicator
- d. Volume control knob
- e. Power on/off switch



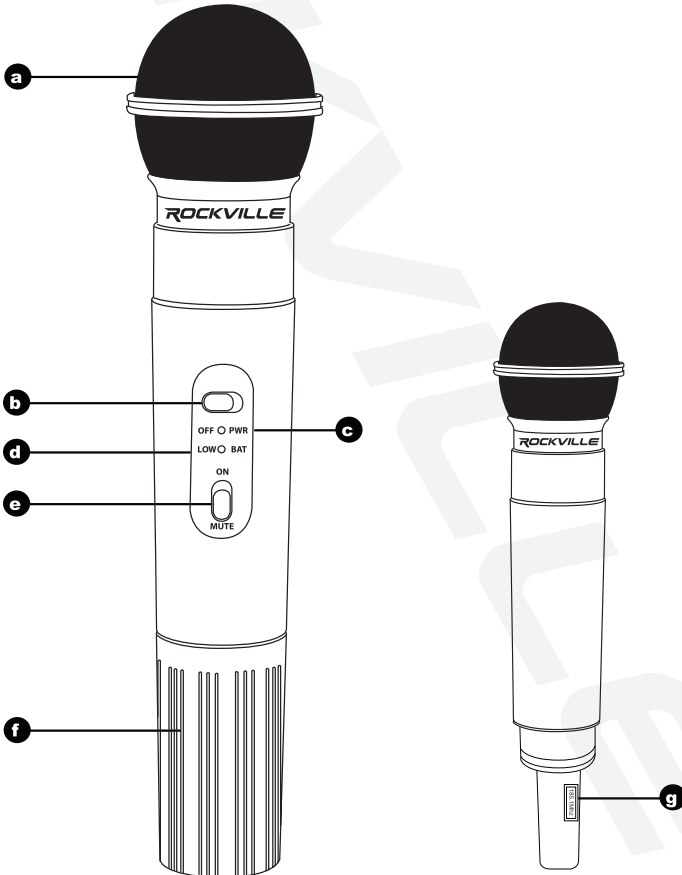
Receiver (Back)

- a. Antenna port
- b. Channel 3 and 4 outputs
- c. Microphone mix output
- d. Channel 1 and 2 outputs
- e. AC power input



Handheld Microphone

- a. Microphone windscreen
 - b. Power on/off switch
 - c. Power LED indicator
 - d. Low battery LED indicator
 - e. Mute on/off switch
 - f. Battery compartment
 - g. Microphone frequency sticker location
- When you initially turn the microphone on both the Power LED indicator and Low Battery LED Indicator should be on
 - When battery life is less than 35% the power LED indicator will turn off
 - When the battery life reaches 0% all indicators will be off and the microphone will not function until the batteries are replaced



Setup and Operation

- 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, 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.

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 transmitter.• Make sure the batteries are installed correctly.• Charge or change battery.
	<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 transmitter battery.• System must be set up within recommended range and receiver kept away from metallic surfaces.• Transmitter must be used in line of sight from receiver for optimal sound.
Distortion	Reduce transmitter channel volume.
Sound level variations when switching to different sources	Adjust transmitter volume as necessary.

Visit us at:

Rockvilleaudio.com

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

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