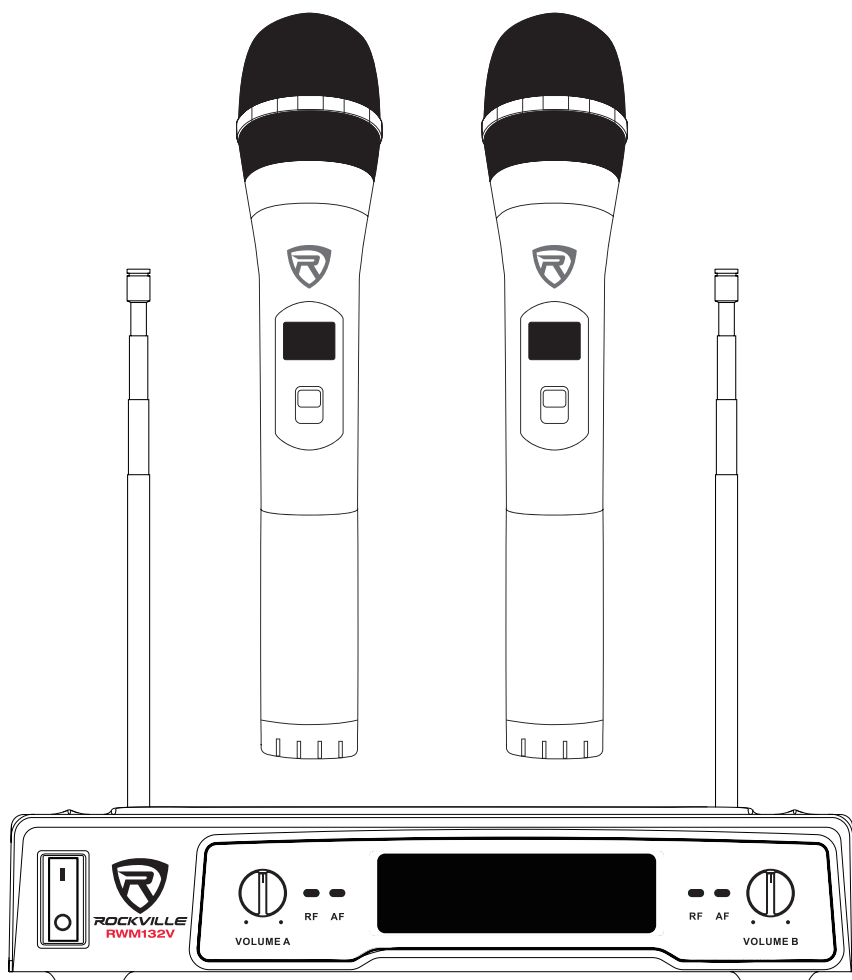


ROCKVILLE



RWM132V

Wireless VHF Microphone System

OWNER'S MANUAL

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Thank you for purchasing this Rockville RWM132V Wireless VHF 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 Friday, 9am to 5pm EST.

INCLUDES

- (2) wireless handheld microphones
- (1) receiver unit
- Power cable
- User manual
- Batteries
- 3.25 ft ¼" to ¼" Unbalanced Cable

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FEATURES

- Large display on receiver + digital display on each mic
- Improved high performance wireless handheld microphone capsule
- Includes transmitter with two handheld, 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
- Use two handheld mics at once with no interference
- Individual microphone volume controls
- Low power consumption for longer battery life

SPECIFICATIONS

SYSTEM

Operating Range: 150 feet or more
Channel: Two Channel
Frequency Range: 210MHz – 270MHz
Frequency Response: 40Hz – 18KHz
S/N.: >103dB (1KHz-A)
Operating Temp: 14°F – 122°F
Oscillation Mode: Quartz Crystal
Frequency Stability: $\pm 0.005\%$
Modulation Mode: VHF
Harmonic Radiation : <65dBm
RF Output Power: 10mW
Power Voltage: AC 110V/60Hz
Mic Battery: AA x 2

RECEIVER

Sensitivity: (S/N=30dB) >2mV
Audio Output Impedance: 600 Ω
Audio Output Level.: 0 – 0.5V
Power Supply: AC 110V/60Hz
Current Consumption: 50mA
Audio Out Connector: ¼" unbalanced

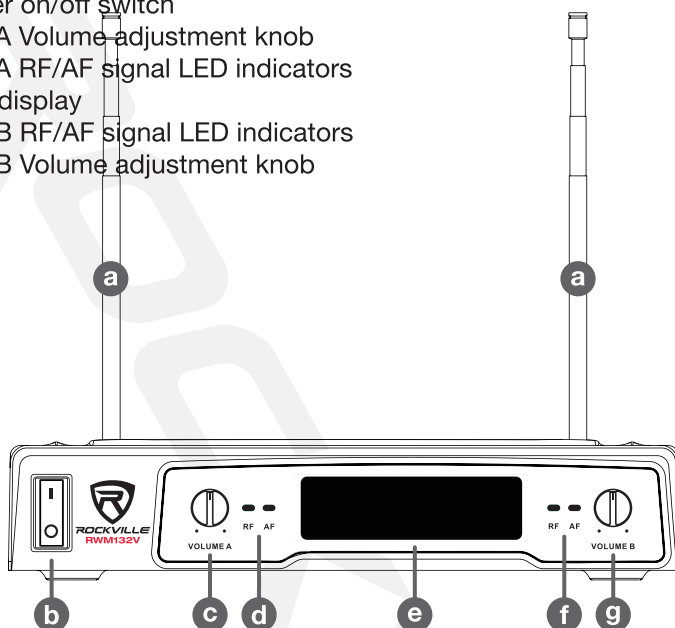
TRANSMITTER

Frequency Stability: $\pm 0.005\%$
RF Output Power: 10mW
Modulation Mode: VHF
Maximum Deviation Range: $\pm 48\text{KHz}$
Microphone Mode: Fixed
Power Supply: AA x 2
Current Consumption: 35mA

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

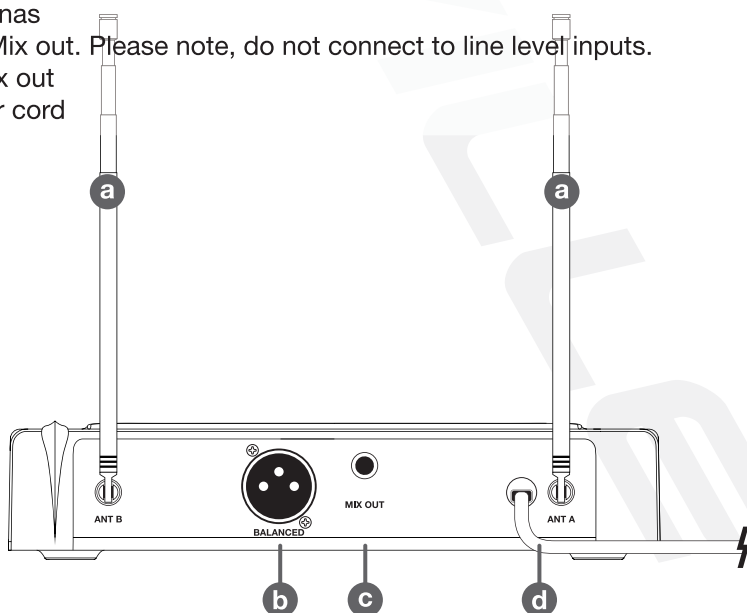
Receiver (Front)

- a. Antennas
- b. Power on/off switch
- c. MIC A Volume adjustment knob
- d. MIC A RF/AF signal LED indicators
- e. LCD display
- f. MIC B RF/AF signal LED indicators
- g. MIC B Volume adjustment knob



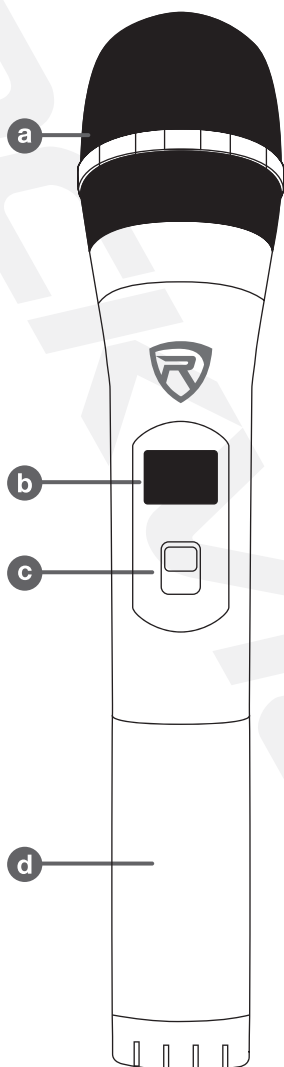
Receiver (Back)

- a. Antennas
- b. XLR Mix out. Please note, do not connect to line level inputs.
- c. 1/4" Mix out
- d. Power cord



Microphones

- a. Microphone windscreen
- b. LCD display
- c. Power on/off switch
- d. Battery compartment



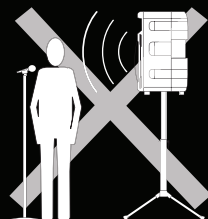
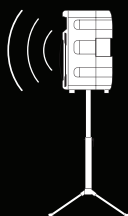
Setup and Operation

For best performance of the wireless microphone system you should make sure that you run the cable from the receiver output (XLR or ¼" mix out) into a line input on a powered speaker or mixing board. If you run it right into a mic level input then the audio level will distort. Most mixers and powered speakers have both a Microphone input and a line level input.

- Plug in and turn on the receiver.
- The receiver should be at least 3' off the ground for optimal transmission.
- Extend the antennas.
- Depending on your set-up, connect the appropriate outputs.
- Make sure the microphone batteries are properly inserted.
- Turn on the microphone. It should automatically connect to the receiver.
- Adjust channel volume as necessary.

Tip:

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



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">• Verify your mics are turned on.• Make sure the batteries are installed correctly.• Change the battery if necessary.
	<ul style="list-style-type: none">• Make sure the unit is securely connected to an 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.• Change the microphones' batteries.• 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.
Transmitter information does not appear on the Receiver LCD	Microphone is off. Please turn it on.

FEDERAL COMMUNICATIONS COMMISSION COMPLIANCE INFORMATION

Responsible party name: Rockville

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

Hereby declares that the product Rockville RWM132V 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 into 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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Visit us at:

RockvilleAudio.com

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

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