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 engineers and designers. 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.
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**Specs**

**FEATURES**
- VHF Dual Channel Handheld Wireless Microphone System
- Large display on receiver + digital display on each mic
- Each mic is large and solid with a nice weighted feel
- 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
- 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: ±0.005%
- Modulation Mode: VHF
- Harmonic Radiation: ≤63dBm
- RF Output Power: 10mW
- Power Voltage: AC110V - 60Hz
- Mic Battery: AA x 2

**RECEIVER**
- Sensitivity: (S/N=30dB) >2mV
- Audio Output Impedance: 600Ω
- Audio Output Level: 0-0.5V
- Power Supply: AC110V - 60Hz
- Current Consumption: ≤50mA
- Audio Out Connector: 1/4” unbalanced

**TRANSMITTER**
- Frequency Stability: ±0.005%
- RF Output Power: ≤10mW
- Modulation Mode: VHF
- Maximum Deviation Range: ±50KHz
- Microphone Mode: Fixed
- Power Supply: AA/1.5V×2
- Current Consumption: ≤35mA

*Operating range is subject to environmental conditions. Results may vary.*
Receiver (Front)

a. Antenna A  
b. Antenna B  
c. MIC A Volume adjustment knob  
d. MIC B Volume adjustment knob  
e. MIC A RF signal LED indicator  
f. MIC A AF signal LED indicator  
g. LCD screen  
h. MIC B AF signal LED indicator  
i. MIC B RF signal LED indicator  
j. Power on/off switch

Receiver (Back)

a. Antenna B  
b. Antenna A  
c. XLR out  
d. 1/4" Unbalanced mix out  
e. Power plug
Microphones

a. Microphone windscreen
b. Power LED indicator
c. Power on/off switch
d. Low battery indicator
e. Battery compartment
Setup and Operation

Most mixers and powered speakers have both a Microphone input and a line level input. For best performance of the wireless microphone system you should make sure that you run the cable from one the receiver outputs (XLR, 1/4” output) into the line input of the powered speaker or mixing board.

- 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.
<table>
<thead>
<tr>
<th>Problem</th>
<th>Solution</th>
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</thead>
<tbody>
<tr>
<td>No sound or faint sound</td>
<td>• Turn on microphone.</td>
</tr>
<tr>
<td></td>
<td>• Make sure the batteries are installed correctly.</td>
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<tr>
<td></td>
<td>• Charge or change battery.</td>
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<tr>
<td></td>
<td>• Verify all sound system connections or adjust channel volume as needed.</td>
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<tr>
<td></td>
<td>• Verify that the receiver is connected to the mixer/amplifier.</td>
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<tr>
<td></td>
<td>• Make sure AC adapter is securely plugged into electrical outlet.</td>
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<tr>
<td></td>
<td>• Make sure receiver is powered on.</td>
</tr>
<tr>
<td>Audio artifacts or dropouts</td>
<td>• Identify nearby sources of interference (cell phones, Wi-Fi access points, signal processor, etc...) and shutdown or remove source.</td>
</tr>
<tr>
<td></td>
<td>• Change microphone battery.</td>
</tr>
<tr>
<td></td>
<td>• System must be set up within recommended range and receiver kept away from metallic surfaces.</td>
</tr>
<tr>
<td></td>
<td>• Microphone must be used in line of sight from receiver for optimal sound.</td>
</tr>
<tr>
<td>Distortion</td>
<td>Reduce microphone channel volume.</td>
</tr>
<tr>
<td>Sound level variations when switching to different sources</td>
<td>Adjust microphone volume as necessary.</td>
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</tbody>
</table>
FEDERAL COMMUNICATIONS COMMISSION COMPLIANCE INFORMATION

Responsible party name: Rockville

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

Hereby declares that the product Rockville RWM1203VH 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.