

# ROCKVILLE

## RMC-XLR

HIGH-PERFORMANCE HAND-HELD  
DYNAMIC VOCAL MICROPHONE

### OWNER'S MANUAL

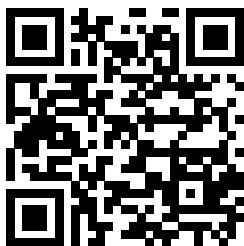
**ATTENTION:**  
**WATCH THIS VIDEO BEFORE FIRST USE!**

#### *Who reads manuals?*

Scan the **QR code** or go to [rockvillesupport.com/rmc-xlr](http://rockvillesupport.com/rmc-xlr) to access how-to video(s), the owner's manual, and other important information you may need to get the most out of your item.

**If you prefer written instructions, please read ahead!**

*With Rockville you get 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 1-646-758-0144, 24hours a day/7 days a week.

ROCKWELL

Thank you for purchasing the Rockville RMC-XLR Hand Held Dynamic Vocal Microphone. Please read this guide carefully for proper use of your Rockville RMC-XLR microphone. Should you need assistance, please call our technical help line at 1-646-758-0144, 24 hours a day/7 days a week.

## ***Handling Instructions***

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- Do not cover any part of the microphone grill with your hand, as this will adversely affect microphone performance.
- Aim the microphone toward the desired sound source (such as the talker, singer, or instrument) and away from unwanted sources.
- Place the microphone as close as practical to the desired sound source.
- Use only one microphone to pick up a single sound source.
- For better gain before feedback, use fewer microphones.
- Keep the distance between microphones at least three times the distance from each microphone to its source (“three to one rule”).
- Place microphones as far as possible from reflective surfaces.
- Add a windscreen when using the microphone outdoors.
- Avoid excessive handling to minimize pickup of mechanical noise and vibration.

## ***What’s Inside***

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- Full metal wired mic
- Mic cable, XLR to XLR, 100% OFC Copper
- Mic cable, XLR to 1/4”, 100% OFC Copper
- Mic clip
- Plastic carry case
- Owner’s manual
- Warranty

## Connections

The RMC-XLR microphone connects via a 3-pin balanced XLR connector.



This microphone can be used for balanced and unbalanced applications. For balanced XLR connections use an XLR cable. For unbalanced connections use a 1/4" TS jack plug to a female XLR cable. Be aware that when using a run longer than 16ft you may encounter humming caused by stray magnetic fields from power cables, lighting cables, and other electric appliances.

## Proper Microphone Usage

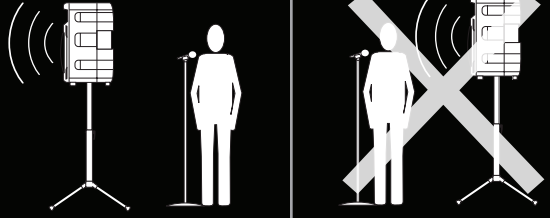
The closer you are to the microphone, the deeper and richer your voice will sound. When your mouth is two inches or less from the microphone there is a significant increase to low frequencies giving your voice a bass heavy sound. This is known as the proximity effect.

Singing directly into the microphone will pick-up on your breathing as well as overemphasize certain sounds when speaking or singing. To achieve a well balanced sound, sing or talk to one side of or above and across the microphone's top. This will give your voice a well-balanced, natural sound.

Feedback means that the sound from a speaker is picked up by the microphone, sent back to the amplifier and then out through the speakers. At certain volume levels the system will make undesired noises. In order to increase gain before feedback, this microphone has a supercardioid pattern. This means that its sensitivity to sound is at its highest when the sound comes from the front of the microphone (facing you). This also minimizes pick-up of sounds from the sides or rear.

**Tip:**

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



Feedback can also be caused by the acoustics of the venue. In these instances the proximity effect may cause feedback. In most cases, simply moving a little away from the microphone may resolve the issue.

Avoid having more than two people sharing a microphone. Singing into the microphone at an angle wider than  $30^\circ$  may require bringing up the microphone fader level high enough to cause feedback.

### **Microphone**

- Dynamic vocal microphone
- M-56 Cartridge
- Full metal body with rugged construction
- Type: dynamic
- Neodymium magnet
- Steel mesh grill
- On/Off switch
- Polar Pattern: uni-directional
- Natural sound reproduction
- Beautiful black finish
- Frequency Response: 80 - 13Khz
- Impedance: 600 Ohms  $\pm$  30%
- Sensitivity: -72  $\pm$  3dB

### **Cables**

- XLR to XLR Cable
- XLR to 1/4" Cable
- 10 Feet
- 100% OFC (oxygen free copper)
- Cables deliver crystal clear distortion free signal
- Cables are 5.5mm thick with cover (22 AWG standard mic cable)
- XLR cable connectors are very solid and durable

### **Mic Clip**

- Heavy duty standard size microphone clip
- Stand mountable
- Solid plastic construction with copper inside
- Black color

### **Case**

- High quality plastic carry case
- Comfortably holds microphone and mic cable during transport

PROBLEM	SOLUTION
No sound	<ol style="list-style-type: none"><li data-bbox="391 159 825 183">1. Ensure power mixer or amplifier is on.</li><li data-bbox="391 199 884 224">2. Check that the master volume is not set to 0.</li><li data-bbox="391 240 889 293">3. Check all connections to ensure everything is properly connected.</li><li data-bbox="391 310 889 334">4. Check cables for cuts, nicks, or any other defects.</li></ol>
Distortion	<ol style="list-style-type: none"><li data-bbox="391 391 660 415">1. Gains not set properly.</li><li data-bbox="391 431 777 456">2. Mixer input sensitivity is too high.</li></ol>
Dull sound	<ol style="list-style-type: none"><li data-bbox="391 506 857 531">1. Clean internal and external windscreens.</li></ol>

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