

# ROCKVILLE

## RWM65U

DUAL WIRELESS UHF MICROPHONE SYSTEM

### OWNER'S MANUAL

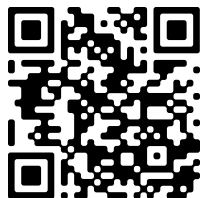
**ATTENTION:  
WATCH THIS VIDEO BEFORE FIRST USE!**

#### *Who reads manuals?*

Scan the **QR code** or go to [rockvillesupport.com/rwm65u](http://rockvillesupport.com/rwm65u) 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, 24 hours a day/7 days a week.

# ***ROCKVILLE***

Thank you for purchasing this Rockville RWM65U Dual Wireless UHF Microphone System. Please read this owner's manual carefully for proper use of your Rockville Wireless UHF Microphone System. Should you need assistance, please call our technical help line at 1-646-758-0144, 24 hours a day/7 days a week.

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## Specs

**Operating Range\*:** 300' – 400'(indoor), 250' – 350'(outdoor)

**Channel:** 2 mics x 15 channels

**Frequency Range:** 500MHz – 565MHz

**Frequency Stability:**  $\pm 0.005\%$

**Modulation Mode:** UHF

**Frequency Response:** 50Hz – 16kHz( $\pm 3$ dB)

**Dynamic Range:** 100dB

**S/N:** 90dB

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

**Audio Output Impedance:** 600 $\Omega$

**System Distortion:**  $\leq 0.5\%$

**Sensitivity:**  $< 2\mu V$

**Maximum Deviation Range:**  $\pm 25$ kHz

**Oscillation Mode:** Quartz Crystal

**Audio Output Jack:** Two XLR balanced & one mixed 1/4" TS

**Power Voltage:** AC110V-240V 50/60Hz

**Operating Temperature:** 23°F – 104°F

**Mic Battery Operating Time:** up to 8 hours

**Includes:**

- Rugged Metal Receiver with LCD display
- 2 metal hand-held mics with LCD display
- 1/4" to 1/4" Audio output cable
- AC adapter with 5 foot cable
- 2 antennas
- 4 AA batteries
- Owner's manual
- Warranty card

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

## Receiver (Front)

- Antenna
- Volume controls
  - Press the VOL+ and VOL- buttons to set the volume.
- LCD Display: shows frequency, channel, signal strength, battery status, and mic status. Please note, when the mics are off, the display will read "MUTE."
- Power on/off



## Receiver (Back)

- Antenna B
- Mic B XLR out
- 1/4" TS Mix out
- Mic A XLR out
- Power input
- Antenna A



## Microphone

- a. Microphone windscreen
- b. LCD Display: shows frequency, channel, and battery status. Battery icon will flash when battery is low.
- c. Power on/off: Hold to power on or off, press to turn on the LCD backlight.
- d. Battery compartment
- e. Frequency adjustment button: While the receiver is on, press this button to adjust both the microphone's and the receiver's frequency.



## 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 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.

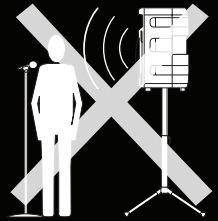
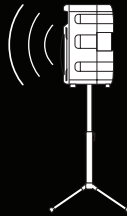
- The receiver should be placed in an area that is stable and least likely to shake the unit.
- The receiver should be at least 3 ft off the ground for optimal transmission.
- Connect the antenna and power supply provided.
- The antenna should extend vertically.
- Switch on the receiver.
- While the receiver is in stand-by, switch on the microphones.
- Adjust volume as necessary.

**Please note:** while the receiver is on stand-by mode, the ID icon will be visible on the LCD screen. If you do not see the ID icon, please perform the following procedure:

1. Turn on the receiver and the handheld. Now press and hold the handheld's power button and frequency adjustment button simultaneously until the handheld's LCD screen indicates "ID".
2. Turn the receiver off and then back on immediately.
3. Now press the handheld's frequency adjustment button. The ID icon should reappear on the receiver's LCD screen. The system reset is now complete.

### 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 and make any gains/volume adjustments there.</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 AC adapter is securely plugged into electrical outlet.</li><li>• Make sure receiver is powered on.</li></ul>
Audio artifacts or dropouts	<ul style="list-style-type: none"><li>• Change receiver and microphone to a different group and/or channel.</li><li>• Identify nearby sources of interference (cell phones, Wi-Fi access points, signal processor, etc...) and shutdown or remove source.</li><li>• Charge or 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.
Transmitter information does not appear on the Receiver LCD	Microphone is off.

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