

ROCKVILLE

RWM2603UR

HIGH PERFORMANCE HAND-HELD
WIRELESS DUAL MICROPHONE SYSTEM

OWNER'S MANUAL

ATTENTION:
WATCH THIS VIDEO BEFORE FIRST USE!

Who reads manuals?

Scan the **QR code** or go to rockvillesupport.com/rwm2603ur 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.

Thank you for purchasing this Rockville high performance hand-held wireless dual microphone system. Please read this owner's manual carefully for proper use of your Rockville RWM2603UR Wireless 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

FEATURES

- High performance wireless hand held rechargeable microphone system
- Built in charging dock for microphones
- LED microphone charging LED indicator
- Includes RWM2603UR transmitter with (2) rechargeable hand held,
- High sensitivity, unidirectional, wireless cardioid microphones with rechargeable batteries
- Professional rack mount design with LCD displays
- Featuring a dual filter design to limit feedback and interference
- Individual microphone volume control
- Comfortable ergonomic composite microphone construction
- Low power consumption for longer battery life
- AF/RF LED Indicators
- Ultra signal stability minimizes audio artifacts
- OSA technology: Locates, prioritizes, and selects the clearest frequency for the best sound quality

SPECIFICATIONS

Operating Range*: 200' – 260'(indoor), 160' – 220'(outdoor)

Frequency Range: 500MHz – 599MHz

Frequency Stability: $\pm 0.005\%$

Modulation Mode: UHF

Frequency Response: 50Hz – 15kHz(± 3 dB)

Dynamic Range: 110dB

S/N: 90dB

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

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

Power Voltage: AC110V/240V~50/60Hz

Rechargeable Battery: 1.2V (can take up to 24 hours to fully recharge)

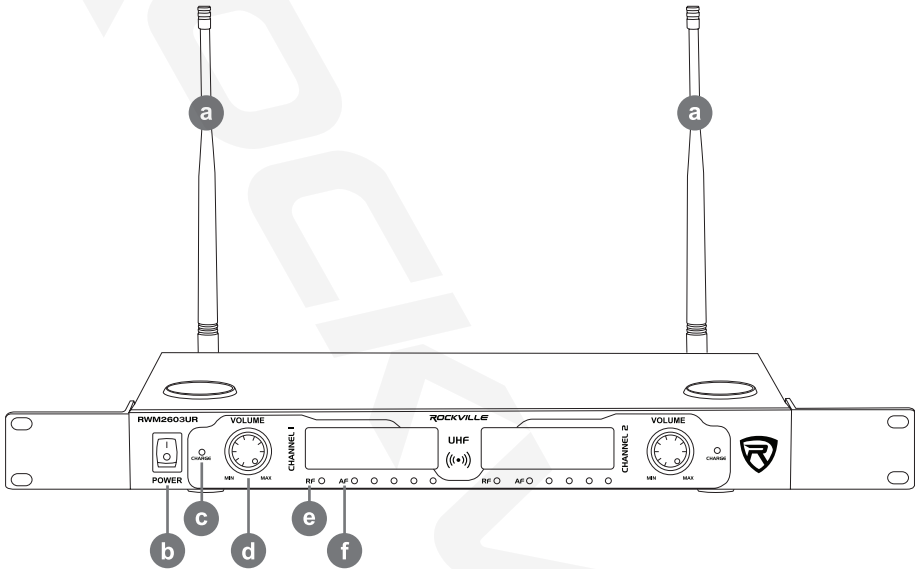
Operating Temperature: 23°F – 104°F

Mic Battery Operating Time: up to 15 hours

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

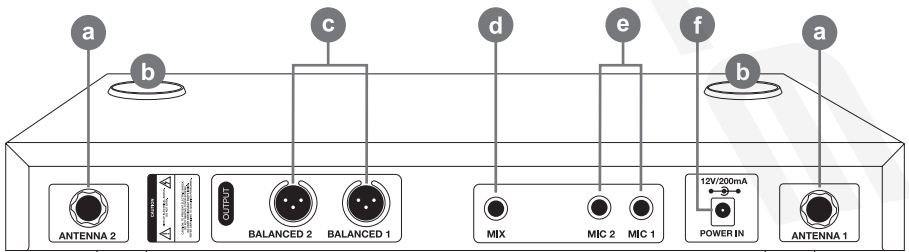
Receiver (Front)

- Antenna
- Power ON/OFF switch
- LED charge indicator
- Volume control knob
- Radio frequency LED indicator
- Audio frequency level LED indicator



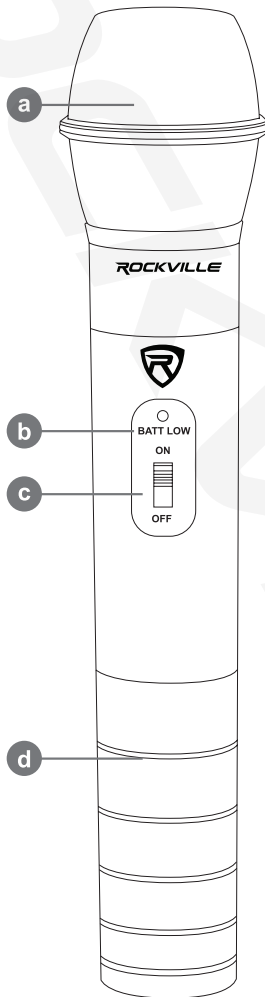
Receiver (Back)

- Antenna ports
- Charging ports
- Individual channel outputs
- 2 channel mix output
- Individual mic outputs
- Power input



Microphones

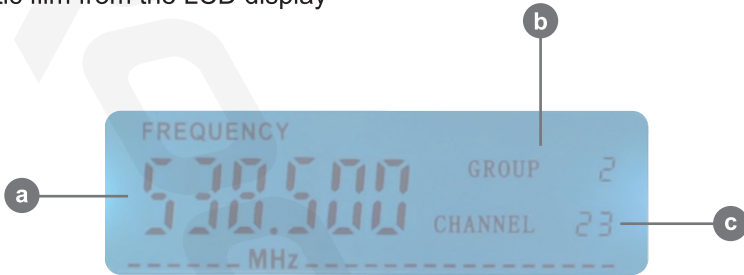
- a. Microphone windscreen
- b. Low battery indicator
- c. Power ON/OFF switch
- d. Battery compartment



Receiver LCD Display

- Channel frequency display
- Group number display
- Channel number display

Remember to remove protective plastic film from the LCD display

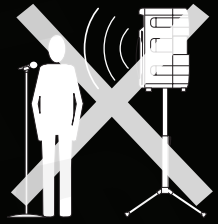
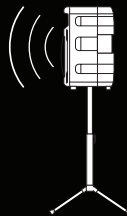


Setup and Operation

- 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 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.
- Place the microphone base firmly on the charging port to recharge.

Tip:

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



Microphone Operation

Standby/ Mute Mode

Put the hand held microphone switch in the MIDDLE position.

The microphone power LED indicator will be on.

Now the mic is on standby and mute mode.

Active Mode

Put hand held microphone switch in the ON position.

The microphone power led indicator will be on.

Now the microphone is in active mode and is ready for use.

The receiver RF LED indicator will be on.

Battery Status

As the microphone battery power diminishes, the power LED indicator will gradually become darker until it finally turns off.

At this point you need to recharge or change the batteries.

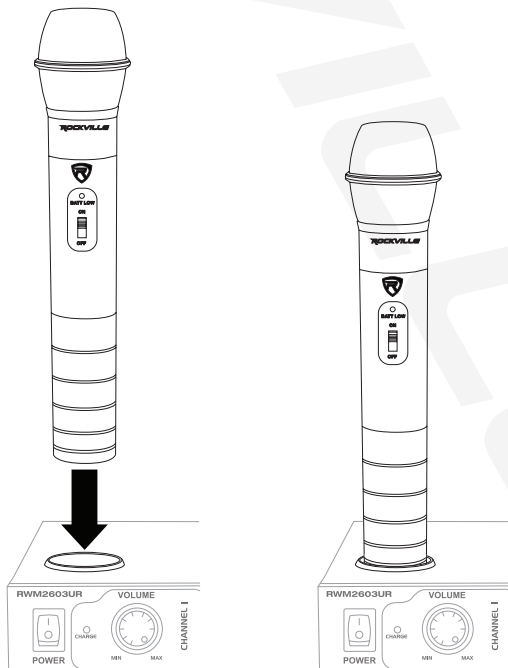
Charging the Microphones

Turn off the power before charging.

Place the microphone in the charging port as shown.

The initial charge will take longer than subsequent recharges. Please allow it to charge overnight.

The charge LED indicator on the receiver will turn off when the microphone is fully charged.



Frequency Groups

- **GROUP A:** 535.20 MHz, 552.30 MHz
- **GROUP B:** 538.50 MHz, 555.90 MHz
- **GROUP C:** 536.70 MHz, 554.70 MHz
- **GROUP D:** 539.40 MHz, 557.10 MHz
- **GROUP E:** 537.60 MHz, 558.30 MHz

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"> • Change receiver and transmitter to a different group and/or channel. • 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.
Transmitter information does not appear on the Receiver LCD	Transmitter is off.

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