

# MINI RF3 Operating Instructions

Thank you for purchasing this Rockville MINI RF3. Please read these operating instructions carefully. Should you need assistance, please call our technical help line at 1-646-758-0144, 24 hours a day/7 days a week.

Scan the QR codes or go to the URLs 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.



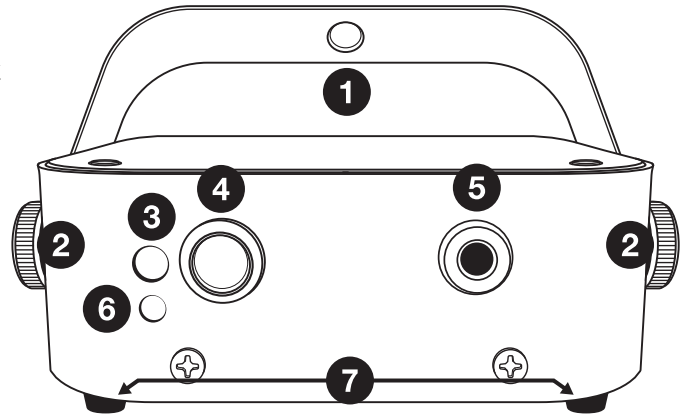
[rockvillesupport.com/mini-rf3](http://rockvillesupport.com/mini-rf3)



[rockvillesupport.com/mini-rf3-black](http://rockvillesupport.com/mini-rf3-black)

## Functions

1. Adjustable mounting bracket
  2. Mounting bracket adjustment knobs
  3. Group/Mode LED indicator
  4. Power/Mode button
  5. Power input port
  6. Battery status LED indicator
  7. Non-slip rubber feet
- Green: 75% – 100%  
Yellow: 50% – 75%  
Red: 25% – 50%  
Flashing Red: 0% – 25%



## Settings

Press POWER/MODE to turn on the unit. Press the POWER/MODE button to cycle between groups (see the chart below). The sequence is as follows: Red>Green>Yellow>Blue. Double press the button to switch between RF, master, and slave/wireless DMX modes. A solid color LED indicates the the unit is in RF mode. Single flashing LED indicates the unit is in master mode. A double flashing LED indicates a slave/wireless DMX unit.

Signal Light	Description
Red	Group 1
Green	Group 2
Yellow	Group 3
Blue	Group 4

## Slave Mode/Wireless DMX

In this mode, you can sync the unit to a master unit or a wireless DMX receiver. They cannot be master units, only slave units. They will only look to pair with other units that are in master and the same group color (single flashing mode) or for a wireless DMX console. If using a wireless DMX console, match the group color of the MINI RF to the same assigned color grouping of the wireless DMX console.

### Assigning Master Unit

Select your master unit and place it in master mode by double pressing the POWER/MODE button on the unit until its mode LED indicator is single flashing. Select the master unit's group by single pressing the POWER/MODE button until you've reached the desired group color. Now the unit's LED indicator will single flash the color of the group and will look to send the signal to slave lights of the same group color.

### Assigning Slave Unit(s)

To set your slave units, double press the POWER/MODE button on each unit until their mode LED indicator is double flashing. Then single press the POWER/MODE button to assign the group. The units' LED indicators will double flash the group's color.

### Connecting to a DMX Console

To sync with a console, press the wireless DMX channel button on the console until its mode LED indicator shows the appropriate group color. Double press the POWER/MODE button on each MINI RF unit until its mode LED indicator is double flashing and matches the same color wireless DMX grouping of your console. The MINI RF units should automatically pair with the console. Now all the units in that group will follow console commands.

## DMX Controller Functions

When using a DMX controller, use the charts below to reference each channel's function.

### 10-Channel Mode

Channel	Function	Value	Description
1	Master dimmer	0 – 255	Adjust overall brightness
2	Red	0 – 255	Adjust individual color brightness
3	Green	0 – 255	
4	Blue	0 – 255	
5	White	0 – 255	
6	Amber	0 – 255	
7	UV	0 – 255	
8	Strobe	0 – 9	
		10 – 255	Set strobe speed
9	Manual dimming (CH1 – CH8 valid)	0 – 39	Set functions
	Color cycle change	40 – 79	
	Color fade change	80 – 119	
	Color pulse change	120 – 159	
	Color cycle sound mode	160 – 189	Set specific sound mode.
	Color pulse sound mode	190 – 219	
	Color strobe sound mode	220 – 249	
Color strobe + white sound mode	250 – 255		
10	CH9 Speed	0 – 255	CH 9 function speeds

## Remote Control Functions

1. RF GROUP: This button changes the RF group of the remote. Keep pressing to cycle through the modes: RED, GREEN, YELLOW, BLUE, and ALL (WHITE). ALL will adjust all 4 groups. The remote also flashes the color of the group you are in when you press the RF button or any other button.

2. ON/OFF: Turns the LEDs on/off. Please note, this button is strictly for the LEDs. The unit will remain on and continue to use battery power, though it will fully shut off after 2 hours. To turn it off, use the POWER/MODE button on the unit (no. 4 on the functions diagram).

3. COLOR WHEELS: There are eight color wheels, each with four color options. Use the color wheel buttons (a) to cycle through the color options in the selected color wheel. Press the BRIGHTNESS buttons (4) to adjust the brightness.

4. BRIGHTNESS: Adjust overall brightness in any mode.

5. SOUND MODES: Press these buttons to select the desired sound mode: 1 is color cycle sound mode, 2 is color pulse sound mode, 3 is color strobe sound mode, and 4 is color strobe + white sound mode. Use the blue buttons (b) to adjust the selected mode's sensitivity.

6. SPEED: Changes the speed of the modes (STROBE, PULSE, FADE, and COLOR CYCLE).

7. STROBE: Sets the unit to strobe mode. Use the color wheels to select the desired color, then press the strobe button. Use the SPEED buttons (6) to set the strobe speed.

8. PULSE: The unit will pulse through colors. Use the SPEED buttons (6) to set the pulse speed.

9. FADE: The unit will fade from one color to next. Use the SPEED buttons (6) to set the speed at which the unit will fade between colors.

10. COLOR CYCLE: Cycles through 32 colors. Use the SPEED buttons (6) to adjust the speed at which the unit will cycle through colors.

