



MIGHTY MULE RB709U-NB Relay Output Universal Receiver Owner's Manual

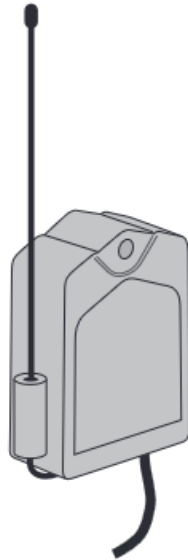
[Home](#) » [Mighty Mule](#) » **MIGHTY MULE RB709U-NB Relay Output Universal Receiver Owner's Manual** 

MIGHTY MULE RB709U-NB Relay Output Universal Receiver Owner's Manual



RB709U-NB

Relay Output Universal Receiver



Owner's Manual



DESIGNED TO WORK WITH MOST BRANDS OF GATE AND DOOR OPENERS

The RB709U-NB digital receiver is a wireless radio control designed for use with automated gate openers and garage door openers. The receiver has two channels for receiving signals from two activation devices; i.e. transmitters, multi-button transmitters, wireless keypads, etc.

Contents

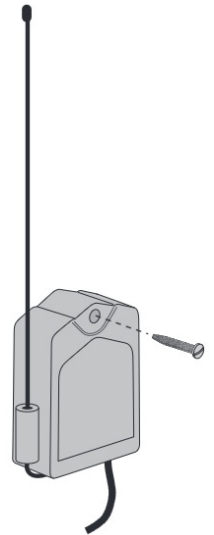
- [1 Mounting the Receiver](#)
- [2 Connect Receiver to Relay Inputs and Power](#)
- [3 Programming the Receiver](#)
- [4 Check operation after programming:](#)
- [5 Wiring Receiver to MM271 and MM272 Operators](#)
- [6 Wiring Receiver to MM371, MM372, MM571 & MM572 Operators](#)
- [7 Wiring Receiver to Operators with R4211 and R5211 Control Boards](#)
- [8 Specifications](#)
- [9 Documents / Resources](#)
 - [9.1 References](#)

Mounting the Receiver

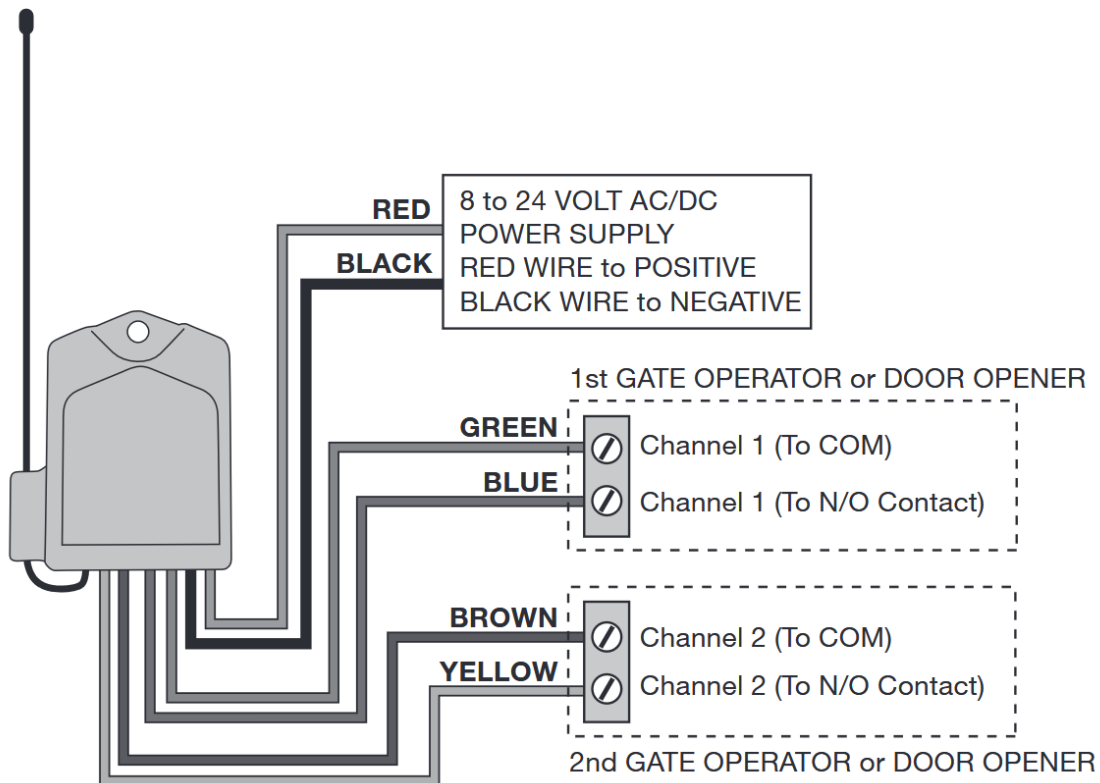
Consider the following when mounting the receiver:

- Standard receiver cable length is 10 feet (3.05 m).
- For exterior applications run the cable through PVC conduit to protect it from damage.
- DO NOT run cable in conduit containing AC wiring.
- The receiver range can vary from 50 to 100 feet (15.2 to 30.5 m) depending upon weather, topography and external interference.

NOTE: Do not mount upside down in exterior applications.



Connect Receiver to Relay Inputs and Power



Programming the Receiver

Programming transmitter(s) or other access devices to RB709U-NB receiver:

- Press and hold the transmitter (device) button to be learned.
- Press the 'LEARN CH1' (or 'LEARN CH2') button on the RB-709U-NB receiver for 1-2 seconds or until the red LED turns on, then release the button.

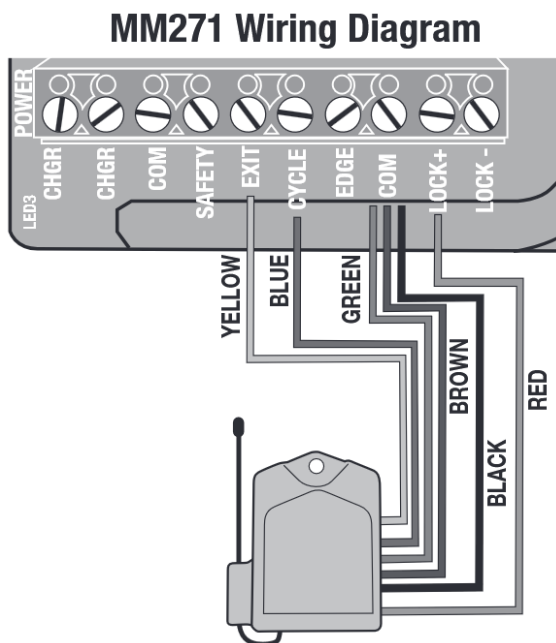
Note: When the correct code is received and the corresponding relay output is activated, the red LED will turn on.



Check operation after programming:

- Press Transmitter (device) button, #1 – RED LED blinks once to confirm.
- Press Transmitter (device) button, #2 – RED LED blinks twice to confirm.

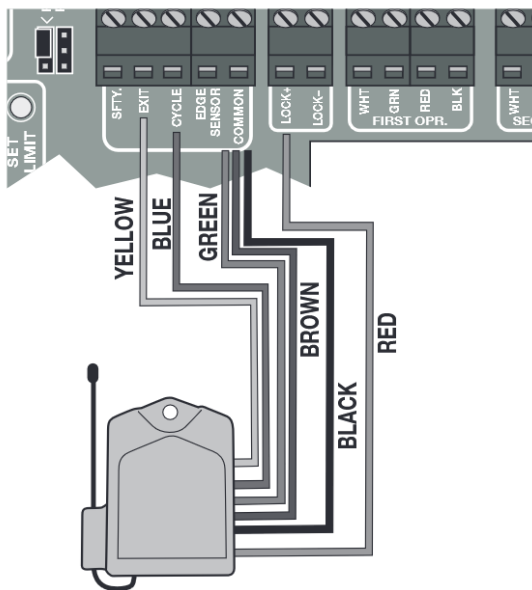
Wiring Receiver to MM271 and MM272 Operators



NOTE: This diagram also works with MM260.

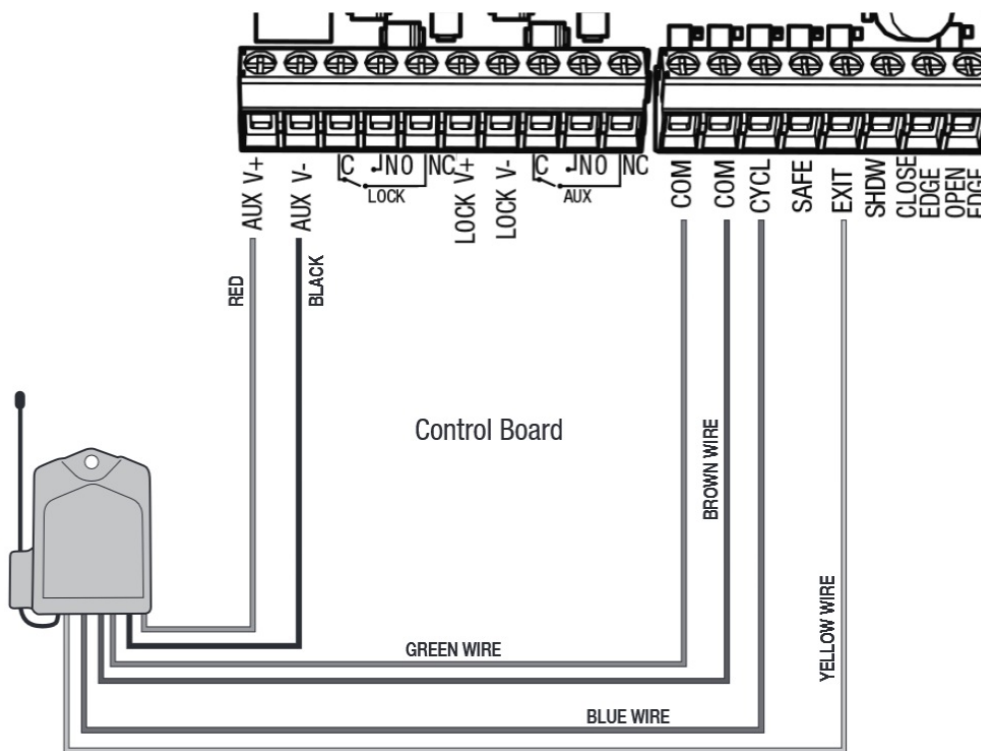
MM272 and PRO-SW2000XLS Series Wiring Diagram

MM272 and PRO-SW2000XLS Series Wiring Diagram

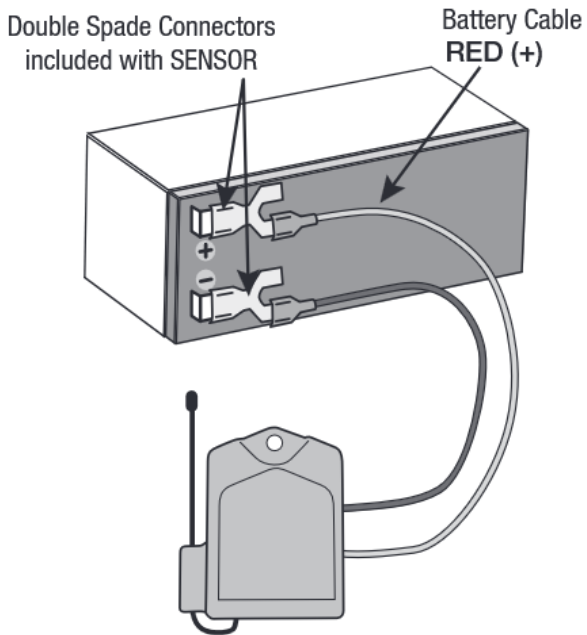
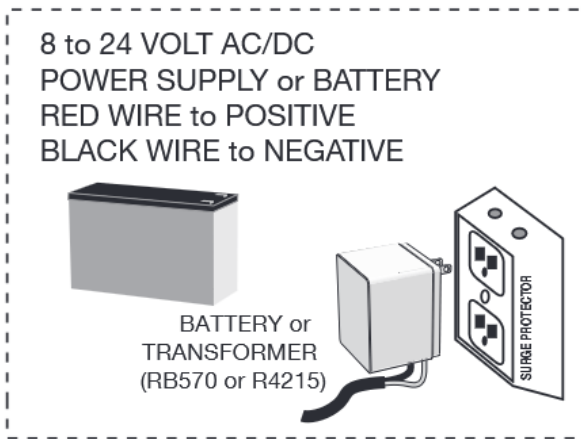


NOTE: This diagram also works for MM262, MM362 and MM462.

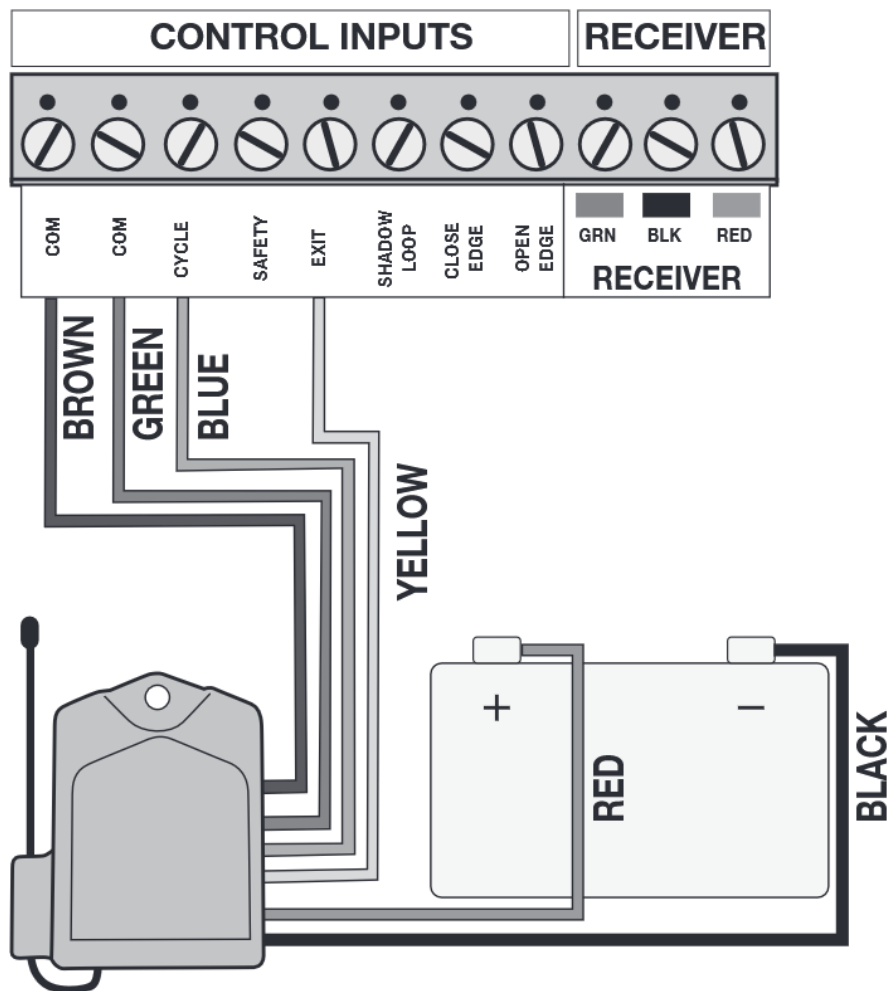
Wiring Receiver to MM371, MM372, MM571 & MM572 Operators



Wiring Receiver to Operators with R4211 and R5211 Control Boards



Example Operators: MM560, MM562, MM660, PRO-SW4000XLS Series, PRO-SW3000XLS Series, PRO-SW4000XL Series, PRO-SW3000XL Series, PRO-SW2000XL Series, PRO3000 Series and PRO4000 Series



Specifications

Compatible transmitter:

- Nice gray narrow band transmitters (318MHz)

Power input:

- 8-24 V ac/dc, 10ma standby, 40ma activated (Red & Black wires).

Outputs: 2 channels pulsed outputs

- 2 channels dry-contact normally open relay outputs.
- Channel 1: Blue (N/O Contact) & Green (COM) wires.
- Channel 2: Yellow (N/O Contact) & Brown (COM) wires.
- Activated for .5 seconds when the correct transmitter code is received.
- Relay switching maximum rating: 24Vac/dc @ 1A.
- Operating Range 50 to 100 feet (15.2 to 30.5 m)

Indoor/Outdoor compatible.

Mount receiver at least 3 feet from AC power source.

FCC Regulation

This device complies with FCC rules Part 15. Operation is subject to the following conditions:

1. This device may not cause harmful interference.
2. This device must accept an interference that may cause undesired operation.

Transmitter distance may vary due to circumstances beyond our control. NOTE: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.



Mighty Mule Technical Service: [760-438-7000](tel:760-438-7000)

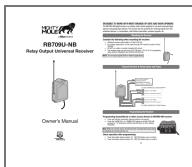
For more information on Mighty Mule's full line of Automatic Gate Operators, Gate Openers and Access Controls visit: www.mightymule.com



©2024 Nice North America LLC.

Mighty Mule is a registered trademark of Nice North America LLC. All rights reserved.

Documents / Resources



[MIGHTY MULE RB709U-NB Relay Output Universal Receiver](#) [pdf] Owner's Manual
RB709U-NB, RB709U-NB Relay Output Universal Receiver, Relay Output Universal Receiver,
Output Universal Receiver, Universal Receiver

References

- [Find Smart Gate Opener Solutions - Automatic Electric Gate Openers – Mighty Mule](#)
- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

This website is an independent publication and is neither affiliated with nor endorsed by any of the trademark owners. The "Bluetooth®" word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. The "Wi-Fi®" word mark and logos are registered trademarks owned by the Wi-Fi Alliance. Any use of these marks on this website does not imply any affiliation with or endorsement.