

Wireless Connectivity System Installation Manual

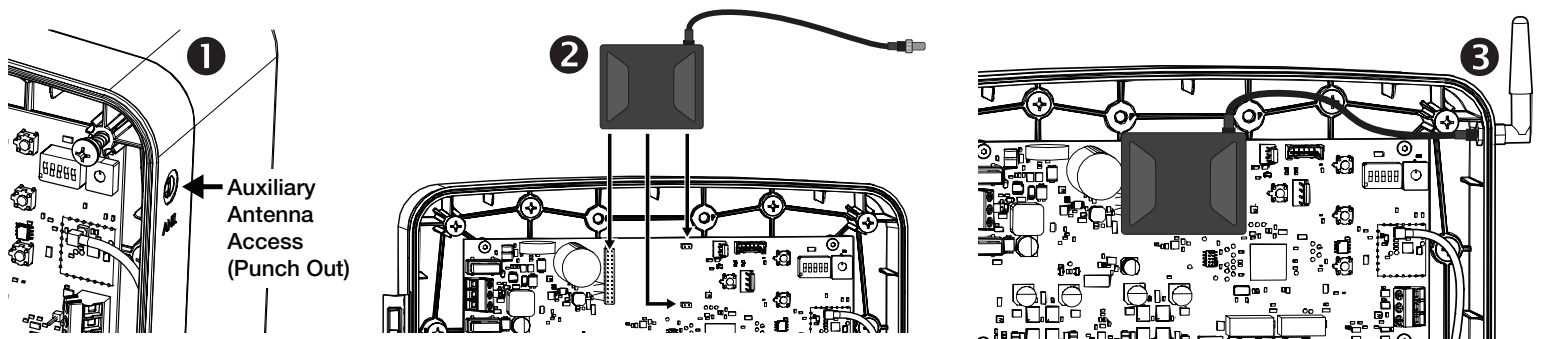
NOTE: Your Mighty Mule gate operator should be installed prior to setting up the MMS100 Wireless Connectivity System.

NOTE: MMS100 requires a 2.4 GHz WiFi Frequency. Most routers support this feature. Please consult your router's manual or manufacturer for confirmation.

AT THE GATE - INSTALLING THE RADIO MODULE

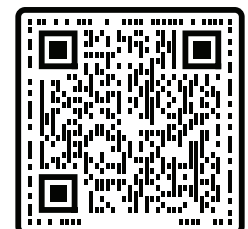
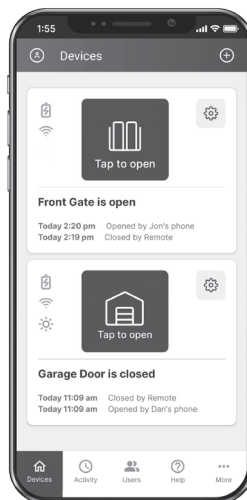
Prior to any assembly of the MMS100, ensure that the Mighty Mule gate operator is turned OFF and disconnected from its power source.

- 1** If required, punch out the access hole for the Auxiliary Antenna.
- 2** Align the connectors, then plug in the small radio module into the operator control board.
- 3** Guide the radio module antenna cable through the Auxiliary Antenna hold, then twist and tighten the antenna pointing upward.



Wi-Fi ROUTER - Setting Up and Provisioning The Bridge

1. Install/locate the bridge near your wireless router.
2. Connect the antenna to the bridge, and connect the power supply transformer to the bridge and wall outlet.
3. Plug in the MMS100 receiver (only one gate operator can be connected to your Bridge).
4. To pair/connect the MMS100 to your WiFi:
 - a) Ensure control board is powered on.
 - b) Download the Nice G.O. App from the **Apple App Store** or **Google Play Store**.
 - c) Create a Nice G.O. account, then sign in.
 - d) Click “+” at the top right corner of the Devices screen.
 - e) Select the MMS100 in the “**Setup Device**” screen (or refer to the quick start guide for your specific model at www.mightymule.com).

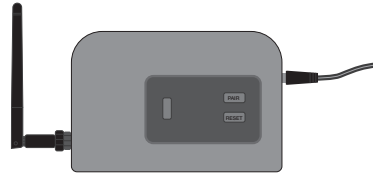


Scan to download
the app.

Displayed Nice G.O. App images are Apple iOS. The Android app interface will be slightly different.



Establishing Communication Between the Bridge and your Mighty Mule Gate Operator (with radio module installed)



Bridge Module



Control Box with Control Board

NOTE: The radio module and the bridge module are paired at the factory. They will attempt to connect after the unit is provisioned.

Establishing Communication Between the Bridge and Your Mighty Mule Gate Operator

1. Communication between the Control Board (with radio module) and Bridge Module will automatically attempt to connect.
2. The LED should be flashing blue as it attempts to connect to the Gate Operator.
3. Wait approximately 5 minutes.

To Adjust the Power Level Settings:

IMPORTANT: If you have a black MMS100 with a MM37x or MM57x Control board serial date code number below 220201XXXXXX, you may need to adjust the Power Level Settings on the control board by following the steps below.

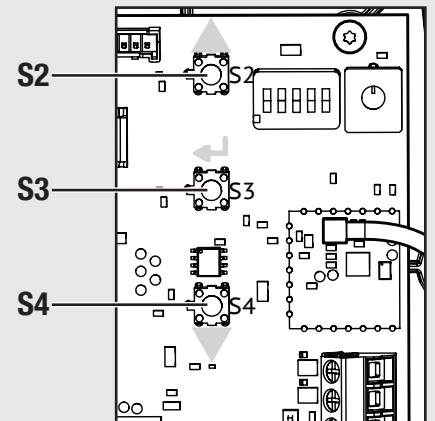
CAUTION: Do not set the power level setting to “Medium” or “High” if your Bridge Module and the Radio Module are within **25 ft of each other**.

If the Bridge Module and Radio Module (Control Box) are far enough apart that a connection does not occur after 5 minutes of powering up the unit (the green LED on the Bridge Module does not turn solid), then the power level will need to be adjusted. The following steps will need to be taken:

NOTE: The power level will need to be adjusted on both the Control Board and the Bridge Module using the **Nice G.O. App**.

NOTE: Power settings in the app are only configurable for the black MMS100. The grey MMS100 will auto-adjust the radio power settings.

1. Stand next to the gate operator control box.
2. Open the control box and adjust the power level.
 - a. Hold down **S3** until you hear a second beep (about 10-15 seconds). A visual indication of the current power level setting will be given via the number of lit LEDs (1 for **Low**, 2 for **Medium** and 3 for **High**).
 - b. Adjust the power level up to **Medium** by pressing the **S2** button.
 - i. S2 increases the power level setting.
 - ii. S4 decreases the power level setting.
 - c. Confirm the selected power level setting by holding down **S3** for 1 second.
4. Adjust the power level for the Bridge using the Nice G.O. App.
 - a. Go to the app **Device Details** page.
 - b. Click on the Power Level button (should currently be indicating **Low**).
 - c. Select **Medium** (which needs to align with the setting that was set on the control board).
4. Stand next to your Bridge Module, then wait up to 5 minutes to ensure that the LED on the Bridge Module turns solid green.
5. If the LED on the Bridge Module does not turn green after 5 minutes, repeat steps 1-4 in order to change the power level to **High**.



LED Indication Lights and Status

LED Indication Lights		Status
Color	State	
Green	Solid	Connected to router, server & AGO. Normal status.
Green	Flashing	Connected to router. Not connected to server.
Yellow	Flashing	Obtaining IP
Red	Solid	Offline. No access point.
Red	Fast Flash	User initiated pairing via App.
Magenta	Flashing	Connecting and/or checking OTA.
Magenta	Solid	OTA in process.
Blue	Flashing	Not connected to a plug in radio module

FCC & IC Notice

We, Nice North America LLC of 5919 Sea Otter Place, Carlsbad, CA 92010, declare under our sole responsibility that the device, MMS100 complies with Part 15 of the FCC rules.

This device contains license-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's license-exempt RSS(s). Operation is subject to the following two conditions:

- (1) This device may not cause interference
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

- (1) l'appareil ne doit pas produire de brouillage, et
- (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

This Class B digital apparatus complies with Canadian CAN ICES-003(B)

Cet appareil numérique de la classe B est conforme à la norme NMB-003(B) du Canada.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected
- Consult the dealer or an experienced radio/TV technician to help.

WARNING:

- Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
- Only use this equipment with the provided antenna, failure to do so will void the user's authority to operate the equipment.
- This system is for use the Mighty Mule Smart Capable Gate Operator (Model(s): MM371, MM372, MM571, MM572, TS571)
- A minimum separation distance of 20 cm (or possibly greater than 20 cm) between the antenna and nearby persons should be maintained.



Mighty Mule Technical Service and Sales: 760-438-7000

For more information about the full line of Mighty Mule Automatic Gate Operators, Gate Openers and Access Controls visit

www.mightymule.com

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Niceforyou.com

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