



The Mighty Mule Story

The Mighty Mule® brand was created over 30 years ago, when the founder grew weary of the inconvenience of getting in and out of his truck to manually open and close the gate of his Florida property. He decided to install an automatic gate opener on his gate and received quotes as high as \$4,500. Knowing that this technology was readily available, he set out to design an affordable gate opener that was easy to install and could be used in remote locations. Soon after, Mighty Mule was born!

Today, Mighty Mule is part of the Nortek Security & Control (NSC) family. NSC provides Security, Home Automation, Access and Personal Safety systems and devices to residential and commercial customers. The Mighty Mule brand has grown, now offering a wide range of gate and garage door openers, accessories and replacement parts as well as driveway alarm systems. They are designed for home, ranch, industrial and light professional applications. Recent innovations include smart gate and garage door openers that can be accessed from the Mighty Mule smart phone app.

Mighty Mule offers the "Do It Yourselfer" professional grade products that are affordable and easy enough to install yourself. All Mighty Mule gate and garage door openers meet and exceed all national and federal safety standards and are certified and listed to be in compliance with UL325, Latest Edition.

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SMART GATE OPENERS



SMART, SIMPLE, SMOOTH

Mighty Mule introduces a new line of smart gate operators – the first smart DIY automatic swing gate openers in the industry. These gate openers bring unrivaled convenience with smart features that allow control from anywhere using your smart phone app.

Our Smart Gate Openers offer the latest innovative features while including Mighty Mule's legacy of DIY simplicity and rugged, reliable performance. And they are compliant with UL325, Latest Edition.

SMART

Control and monitor your gate from anywhere with the Mighty Mule app, your smart phone and with the MMS100 Wireless Connectivity System (sold separately). The MMS100 enables communication with gates that are installed up to 1/2 mile from your house – the greatest range in the industry.

SIMPLE

Mighty Mule Smart Gate Openers provide fast, easy installation. We provide you all of the standard installation hardware, manuals and how-to videos to help you complete the job.

SMOOTH

Mighty Mule Smart Gate Openers provide reliability and solid, superb performance. Our products provide smooth, secure operation, soft start and stop, and fast, reliable gate operation – 40% faster than the previous models!

SMART GATE OPENERS



MM571W

- For single gate operation
- · Handles gates up to 18 feet in length and up to 850 lbs.
- 18-month warranty
- Battery included (1 12V 7AmpHr)
- Includes: control box w/battery box, remote with visor clip, transformer, mounting hardware, instruction manual



MM572W

- For dual gate operation
- Handles gates up to 18 feet in length and up to 850 lbs.
- 18-month warranty
- Battery included (1 12V 7AmpHr)
- Includes: control box w/battery box, remote with visor clip, transformer, mounting hardware, instruction manual



MM371W

- For single gate operation
- Handles gates up to 16 feet in length and up to 550 lbs.
- 12-month warranty
- · Battery not included
- Includes: control box, remote with visor clip, transformer, mounting hardware, instruction manual

MM372W

- For dual gate operation
- Handles gates up to 16 feet in length and up to 550 lbs.
- 12-month warranty
- · Battery not included
- Includes: control box, remote with visor clip, transformer, mounting hardware, instruction manual



All Smart Gate Openers are Solar Panel Compatible. See page 8 for details.

MMS100

Wireless Connectivity System



Control and monitor your gate from anywhere using the Mighty Mule App on your smart device.

The MMS100 with the Mighty Mule App can control and monitor your gate operator up to 1/2 mile away from your home.









AUTOMATIC GATE OPENERS



Mighty Mule Automatic Gate Openers provide fast, quiet gate opening and closure from the comfort of your vehicle and the Mighty Mule Remote Transmitter. Our new Automatic Gate Openers offer a new, streamlined industrial design and quiet, fast and reliable performance with soft start/stop open and closure.

All Mighty Mule products are DIY simple with fast installation, simple instructions and how-to videos available. And they are compliant with UL325, Latest Edition.



MM271

- For single gate operation
- Handles gates up to 12 feet in length and up to 300 lbs.
- 12-month warranty
- · Battery not included
- Includes: control box, remote with visor clip, transformer, mounting hardware, instruction manual



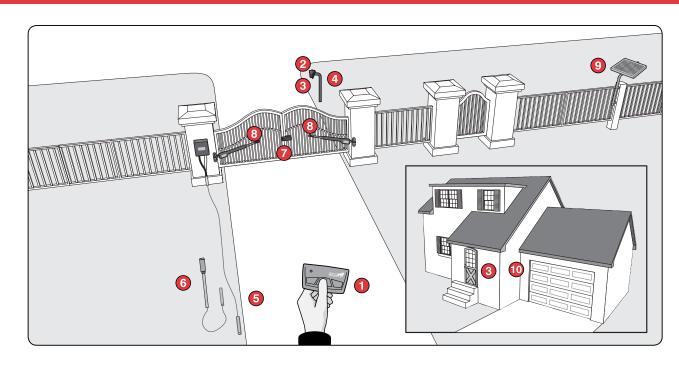
MM272

- For dual gate operation
- Handles gates up to 12 feet in length and up to 300 lbs.
- 12-month warranty
- Battery not included
- Includes: control box, remote with visor clip, transformer, mounting hardware, instruction manual



All Automatic Gate Openers are Solar Panel Compatible. See page 8 for details.

TYPICAL GATE INSTALLATION DIAGRAM



ACCESSORIES (Sold Separately)





Three-Button Entry/Exit Remote (MMT103)

This is the standard three-button remote included in 7th generation operator kits. Includes a visor clip and a type 2032 battery.





Digital Keypad (MMK200)

The digital keypad provides secure access to your property. It can be programmed to use up to 25 different personal identification number (PIN) codes. Temporary codes can be programmed to last from 1-7 days.





Wireless Intercom/Keypad (MM136)

This versatile digital wireless intercom with built-in keypad system is ideal for any residential application, alerting you of visitors and allowing you to grant permission for gate operator activation from the safety of your home. The intercom provides superior range with crystal clear twoway wireless communication up to 500 ft. (152.4m) and can support up to three additional base stations (F3101MBC) to allow access from multiple rooms.



Keypad Mounting Post (FM100)

This black powder coated digital keypad mounting post is designed to provide convenient mounting of any Mighty Mule Keypad.





Driveway Vehicle Sensor (FM138)

The gate opening sensor offers hands free operation of the Mighty Mule Gate Opener. Can be buried up to 50 feet from gate and has 12 ft. (3.7 m) radius of vehicle detection. Compatible with all Mighty Mule Gate Openers.





Wireless Driveway Vehicle Sensor (FM130)

The wireless gate opening sensor offers hands free operation of the Mighty Mule Gate Opener. It features a wireless range of up to 100 feet from the gate and has a 12 ft. (3.7 m) radius vehicle detection range. It is compatible with all Mighty Mule Gate Openers.



Automatic Gate Lock (FM143)

A MUST for added security. Locks and unlocks automatically as gates open and close. For use with Mighty Mule gate openers. Recommended for gates over 8 ft. (2.4 m) long. Ideal for high wind areas.



Pin Lock (FM133)

The Pin Lock is a substitute for the factory pin at the front mounting point of all models of Mighty Mule Gate Openers and the chains of the Mighty Mule Slide Gate Openers. Ideal for preventing theft of your Gate Opener and stopping unwanted access to your property. Dual gate openers require two pin locks for installation.



Solar Panel - 10 Watt (FM123)

The solar panel charging kit keeps your gate opener battery charged in remote locations. Includes a strong steel support mounting bracket and required installation hardware. It is compatible with all Mighty Mule Gate Openers.



Wireless Connectivity System (MMS100)

The required accessory to make your Mighty Mule Gate Opener "Smart". This WiFi module allows for communication (monitoring and control) of your gate opener from anywhere using a smart device. This system is compatible with Mighty Mule Smart Capable Gate Openers installed up to 1/2 mile from your home's router. WiFi is required for operation.





DRIVEWAY ALARM

SOLAR PANEL KIT

FM123 - 10 Watt Solar Panel Kit



The 10 Watt Solar Panel Kit is an excellent option for charging your battery in a solar powered gate opener application. The solar panel kit includes a strong steel support mounting bracket and required installation hardware. It's ideal for applications lacking a power source at the gate opener installation site. It is compatible with all Mighty Mule Gate Openers.

SOLAR ZONES



Model #	Watts	Zone 1	Zone 2	Zone 3
MM260, 271, 360, 371, 560, 571 SINGLE Gate Openers	10	8	16	26
	15	11	20	30
	20	14	28	38
	25	17	36	46
	30	20	44	54
	10	4	8	13
MM260, 272, 372, 560, 572	15	7	13	20
	20	10	18	27
DUAL Gate Openers	25	13	23	34
·	30	16	28	41

The table and map illustrate the maximum number of gate cycles to expect per day in a particular area when using from 5 to 30 watts of solar charging power. The figures shown are for winter (minimum sunlight) and do not account for the use of any accessory items. Accessories connected to your system will draw additional power from the battery.

NOTE: A maximum of 30 watts of solar charging power can be connected to the Mighty Mule Gate Opener. Consult Solar Panel Installation Instructions for further information.



THE WIRELESS DRIVEWAY ALARM MODEL# FM231

The Wireless Driveway Alarm provides a constant driveway monitoring system by detecting vehicles entering and exiting your driveway. When a vehicle passes through your selected area, the indoor base station alerts you with a chime. With DIY friendly technology this device can be used in multiple applications to provide peace of mind for your property and family. Also ideal for monitoring parked boats, RVs, motorcycles and ATVs.

Two AA batteries required (not included).

STANDARD FEATURES

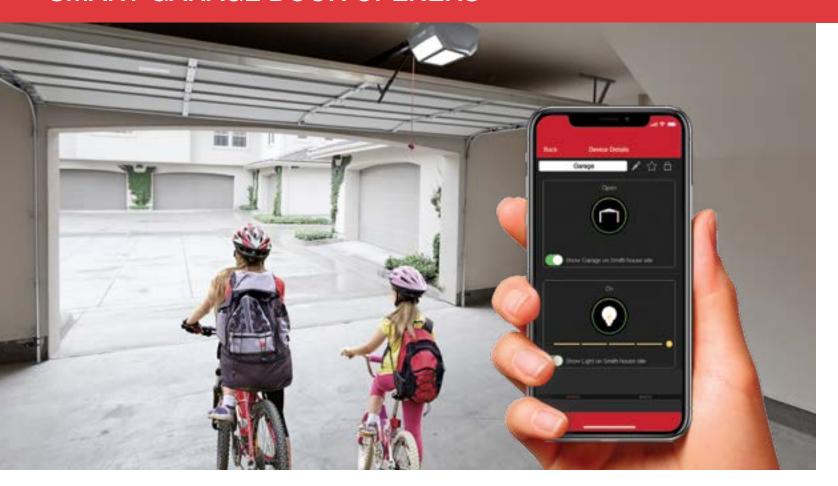
- Electromagnetic technology detects vehicles entering and exiting driveway
- Functional reception range of up to 400' (122m)
- Indoor chime announces the arrival of vehicles in driveway
- Adjustable code settings eliminate the possibility of interference from neighbors' driveway alarms
- · Does not detect people, animals or wind
- Indoor receiver can be mounted on a table or wall
- Multiple indoor receivers (FM231-R) can be added for more convenience
- Low battery indicator on the indoor receiver alerts you when the transmitter's batteries are low
- Remote requires two AA batteries (not included)
- 12 month limited warranty and Mighty Mule technical support



All accessories backed by a 12 month Mighty Mule Warranty and technical support.



SMART GARAGE DOOR OPENERS



STANDARD FEATURES

Included with all Smart Mighty Mule Garage Door Openers

- Control and monitor your garage door with the Mighty Mule smartphone app (with MMW200 Wall Station)
- Ability to add up to 10 users by inviting members to utilize your connected devices
- Skills for Amazon Alexa[™] and Google Assistant[™]
- Ultra-quiet belt drive
- · Slim aesthetic design with inclusive LED lighting
- Easy to install/setup (with easy to follow videos and manual)
- Super durable T-Rail (7ft standard/8ft extension sold separately)
- All Standard installation hardware included
- · Works with any Mighty Mule Automatic Gate Opener
- UL325 Certified (latest edition)

SMART GARAGE DOOR OPENERS

MM9545M Smart Garage Door Opener

- 1-1/4 HPF
- Smartphone Controlled, WiFi Equipped
- Ultra-Quiet Belt Drive
- Backup Battery (California SB-969 Compliant)





1 1/4



BELT DRIVE



EQUIPPED



INCLUDED



REMOTES



STATION





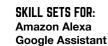


WIFI WALL KEYPAD

BACKUP BATTERY













SMART GARAGE DOOR OPENERS

MM9434K Smart Garage Door Opener

- 1 HPF
- Smartphone Controlled, WiFi Equipped
- Ultra-Quiet Belt Drive







Automatic Gate Openers



EQUIPPED







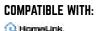
2 REMOTES

1 WIFI WALL STATION

Download on the App Store



SKILL SETS FOR: Amazon Alexa Google Assistant



MM9333H Smart Garage Door Opener

- 3/4 HPE
- Smartphone Controlled, WiFi Equipped
- Ultra-Quiet Belt Drive





HPE



Automatic Gate Openers













QUIET WIFI LED LIGHTS
BELT DRIVE UPGRADEABLE INCLUDED

2 TRANSMITTERS

1 STANDARD WALL STATION

1 KEYPAD





SKILL SETS FOR: Amazon Alexa Google Assistant



MIGHTY



ACCESSORIES

Mighty Mule slide gate openers are designed for higher cycles or heavier slide gates in single family residential

applications. All systems include a battery backup, radio receiver, entry remote, AC transformer, and necessary mounting

MM-SL2000B

 Kit Contents: 1 single button access remote (FM135), AC transformer (RB570), 32' drive chain, radio receiver, all required hardware

hardware. These systems are solar compatible and come with a 24 month limited warranty.

- Post mount for easy installation, optional pad mounting plate available (SGMP)
- Up to 30' (9.14m) range
- Max. gate weight: 1000 lbs. (454 Kg)
- 24 month warranty
- Solar compatible
- Dual slide gate applications require the MM-SL2200B opener

MM-LPS13

- Kit Contents: 2 single button access remotes (FM135), AC transformer (RB570), radio receiver, 2 batteries (FM150), 25' drive chain, and all required hardware)
- Up to 24' (9.14m) range
- Max. Gate Weight: 650 lbs. (295 Kg)
- 18 month warranty
- Solar compatible





ENTRY/EXIT

MMK200 - Digital Keypad for Gate Openers



The Wireless Digital Keypad provides secure entry or exiting to/from your property. It can be programmed to use up to 25 different personal identification number (PIN) codes. Additionally, temporary codes can be programmed to expire within 1-7 days.



MMS100 - Wireless Connectivity System



Required accessory to make your Mighty Mule Gate Opener "Smart". Allows for communication (monitoring and control) of your gate opener from anywhere using a smart device. Compatible with Mighty Mule Smart Capable Gate Openers installed up to 1/2 mile from your homes router. Wi-Fi is required for operation.

FM130 - Wireless Vehicle Exit Sensor



The Wireless Gate Opening Sensor offers handsfree operation of your Mighty Mule Gate Opener. It features a wireless range of up 100 feet (30.5m) from the gate and has a 12 ft. (3.7 m) radius vehicle detection range. Compatible with all Mighty Mule Gate Openers.



MMW200 - Smart WiFi Wall Station



Allows operation of the light and door using the buttons, but it does much more when paired with our Android or iOS application. It can operate your garage door, control lights and inform you of people coming and going, all while you are on the go.

FM133 - Pin Lock



The perfect solution for additional enhanced security, the Pin Lock is compatible with any Mighty Mule Gate Opener. This lock is a substitute for the factory pin at the front end mount of Mighty Mule Gate Openers. It is ideal for preventing theft of your Gate Opener and stopping unwanted access to your property. Dual gate openers require two pin locks for installation.

FM143 - Automatic Gate Lock



The Automatic Gate lock is ideal for any single or dual swing gate opener. It unlocks and locks automatically as the gate is activated to open and close, providing added security for Mighty Mule gate openers. Recommended for gate leafs over 8 ft. long, high wind areas or for additional reinforcement against unwanted intrusion into your property.

FM136 - Wireless Intercom/Keypad



This versatile Wireless Digital Intercom Keypad System is ideal for any application. The intercom system alerts you of visitors at the entrance of your property and allows you to grant permission for gate opener activation from the safety of your home or workplace. The intercom provides superior range with crystal-clear two-way wireless communication up to 500 ft. (152.4m) and can support up to 3 additional indoor base stations (F3101MBC) to allow access from multiple rooms.

FM100 - Keypad Mounting Post



This black powder-coated digital keypad mounting post is designed to provide convenient mounting of any Mighty Mule Keypad.



All accessories backed by a 12 month Mighty Mule Warranty and technical support.













ACCESSORIES

ENTRY/EXIT

FM148 - Push-to-Open Gate Bracket



Provide additional functionality to your gate system. Attaches the gate opener at the gate post at an angle which allows the gate to swing away from the property (rather than into the property). This metal bracket is ideal for sloping driveways, or where space prevents a gate from opening inward. Not compatible with the MM260, 271 or 272.

FM138 - 50' Wired Driveway Vehicle Sensor



Offers hands-free operation of your Mighty Mule Gate Opener. Can be buried up to 50 feet (15.2m) from your gate and has 12 ft. (3.7m) radius vehicle detection range. Compatible with all Mighty Mule Gate Openers.

Also available: FM140 - 100 ft.

FM141 - 150 ft.



F3101MBC - Interior Residential Wireless Intercom



Additional digital intercom that can be added to the MM136. Up to 4 (total) will work with each Exterior intercom/keypad unit.



MMEXT8 - 8 ft Garage Door Rail Extension Piece



Moves the rail back approximately 8" to allow the garage door to pull back another 8-10"



MMK100 - Wireless Keypad for Garage Door Openers



Designed to control access to all Mighty Mule Garage Door Openers. This keypad features an LED back light that allows you to see numeric keys throughout dark or unfavorable weather conditions.



RB709U-NB - Universal Garage Door Receiver



Allows you to use your Gate Opener Remote to operate your gate opener and/or garage door opener. Dual or triple button remotes are required for multiple uses. Features a 100' range for added convenience and security.



FM132 - Push Button Control

mounted keypad option.



Can be installed indoors or outdoors for convenient one-touch access. Adds convenience by allowing homeowner to open the gate for guests. Simple, affordable alternative to multiple transmitters or a



MMT103 – 3-Button Entry Remote



This is the standard 3-Button Remote included in 7th generation gate opener kits. This remote includes a visor clip and a type 2032 battery.



OPTIONAL AND REPLACEMENT

FM150 - Additional or Replacement Battery



12-volt, 7.0 amp-hour, maintenance-free battery for Mighty Mule swing gate opener models. Also compatible with slide gate opener models MM-SL2000B, MM-SL2200B and MM-LPS series.





The versatile battery heater wires directly into the gate opener's control board and attaches to the 12-volt battery to keep the battery warm; continuing to maintain its charge.

RB509-100 - 100' Low Voltage Wire



Complete your gate opener system with the Mighty Mule 16 gauge low voltage wire. The low voltage wire can be used to install Mighty Mule Gate Openers and other accessories. UV treated, PVC coated makes this wire ideal for direct burial applications. Longer lengths available:

RB509-250 - 250' RB509-500 - 500'



R4222 - Photo Beam Sensors

FM316 - Battery Heater



Provide your gate opener with added safety with Mighty Mule Photo Beam Sensors. Photo beam sensors help prevent the gate from closing when an obstruction is in the path of the sensors. These sensors can be installed inside or outside your gate with the included mounting hardware.

Low voltage wire RB509 required for installation.



RB570 - Replacement Transformer



Replacement transformer/power supply for Smart Gate Opener products.





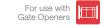
All accessories backed by a 12 month Mighty Mule Warranty and technical support.





















FOR GATE OPENERS

WHAT IS A MIGHTY MULE GATE OPENER?

A Mighty Mule Gate Opener is a remote-controlled automatic gate opener system. It is the industry leading gate opener available for the "Do-It-Yourself" installer. Because it is battery -operated and uses low voltage power, it is safe (no electrician needed), affordable, and easy to install.

IS THE MIGHTY MULE GATE OPENER EASY TO INSTALL?

Yes! Most installations can be completed easily in two to three hours. Dual gates will take slightly longer because two operator arms are required. All installations can be completed with tools commonly used by most homeowners. The Mighty Mule Gate Opener kit includes easy-to-read instructions and online installation videos. Our technical service team is available to answer any installation questions.

WHAT MAINTENANCE IS REQUIRED?

The longevity and performance of your gate system will be maximized if you take time to service your gate system. Check your gate monthly to inspect that the gate opener is moving freely through its complete range of motion and that the gate is level. This will ensure that the gate is not overstressing the gate opener. Check once a month to ensure the push-pull tube is free of any dirt/debris and spray with a good grade of "silicone" spray. Do not use an oil-based spray as this will attract sand and dirt.

WHAT HAPPENS IF THE GATE OPENER HITS SOMETHING?

All Mighty Mule Gate openers have built-in safety obstruction sensing which will cause the gate(s) to "Stop" and "Reverse" its direction for two seconds if it comes in contact with an object. If the gate comes in contact with the object twice before returning to its fully open or closed position, an alarm will sound for 5 minutes.

CAN I MANUALLY OPEN THE GATE?

Yes! Each opener arm is mounted to the brackets on the post(s) and gates with clevis pins and clips. By removing the pin and clip at the front end, the arm can be removed, and the gate can be opened manually.

HOW IS A MIGHTY MULE GATE OPENER POWERED?

All Mighty Mule Gate Openers are low-voltage systems with a 12 Volt battery backup system. This assures operation of your gate during a power outage. The battery can either be charged by the included power supply OR can be charged by the Mighty Mule FM 123 10-Watt Solar Panel (optional and not included).

WILL THE MIGHTY MULE GATE OPENER OPENER DURING A POWER OUTAGE?

Yes. The number of cycles can vary depending on factors such as the type of gate, number of accessories added, and weather conditions if using the Mighty Mule 10-Watt Solar Panel (FM123) to charge the battery.

WHAT IS REQUIRED TO MONITOR AND CONTROL A MIGHTY MULE SMART GATE OPENER?

Purchase any of the Mighty Mule Smart Gate Openers for Single or Dual Gates (MM371W/372W, MM571W/572W) along with the Mighty Mule MMS100 Wireless Connectivity Kit and download the Mighty Mule Smartphone App to complete your smartphone-controlled gate experience.

FOR GARAGE DOOR OPENERS

WHAT IS A SMART GARAGE DOOR OPENER?

A Mighty Mule Smart Garage Door Opener is an automatic garage door opener system that can be controlled and monitored with Android or iOS smart phones as well as a traditional remote transmitter.

IS THE MIGHTY MULE SMART GARAGE DOOR OPENER (GDO) EASY TO INSTALL?

Yes! Most installations can be completed easily in two to three hours. All installations can be completed with tools commonly used by most homeowners. Mighty Mule includes all the hardware to install the garage door opener, as well as installation videos and easy-to-read instructions. Our technical service team is available to answer any installation questions. Please check the Mighty Mule model to determine if your product is WiFi Enabled (purchase the MMW200 WiFi Wall Station) or WiFi Included (the MMW200 is included).

WHAT MAINTENANCE IS REQUIRED?

All Mighty Mule Smart Garage Door Openers are designed to be virtually maintenance-free. The longevity and performance of your garage door system will be maximized if you take time to service your garage door system. Performing a monthly door balance check will ensure that your garage door is not overstressing the garage door operator. In addition, annual lubrication of the garage door and operator will ensure the most reliable and smoothest operation possible.

CAN I MANUALLY OPEN THE GARAGE?

Your garage door has a manual override, so that the door can be open and closed in the event of power loss.

WILL THE MIGHTY MULE GARAGE DOOR OPENER OPEN AND CLOSE DURING A POWER OUTAGE?

Our MM9545 Smart Garage Door Opener includes a battery backup feature. Battery backup powers the garage door opener in the event of a power outage. All new garage door openers sold in California require battery backup functionality.

ARE MIGHTY MULE SMART GDO'S IN COMPLIANCE WITH CALIFORNIA REGULATION?

The MM9545 Smart Garage Door Opener is compliant with California regulation (Senate Bill 969, or SB-969) as it includes Backup Battery functionality. Your garage door opener is still operational in the event of a power outage.

WHAT IS REQUIRED TO MONITOR AND CONTROL A MIGHTY MULE SMART GDO FROM A SMART PHONE?

To monitor and control your Mighty Mule Smart Garage Door Opener from an Android or iOS smart phone, a WiFi Wall Station (MMW200) is required to connect to your home WiFi network. In addition, download the Mighty Mule app from the Android or Apple App store and install on your smart phone.







CONTACT US

Sales and Application Questions

1-800-543-GATE (4283)

Technical Support

1-800-543-1236 Monday - Friday | 8am - 7pm EST

Troubleshooting Wizard

We offer troubleshooting guides and solutions 24 hours per day, 7 days per week.

To get started, visit:

www.MightyMule.com

