TMT Terrier 200 Dual

TMT Terrier 200 Dual Automatic Gate Opener

Model: Terrier 200 Dual

1. PRODUCT OVERVIEW

The TMT Terrier 200 Dual Automatic Gate Opener is designed for heavy-duty swing gates, providing reliable and convenient access control for residential and light commercial applications. This system is engineered for durability and ease of use, capable of handling gates up to 8 feet in length and 550 pounds in weight.
Key features include:

- **Robust Construction:** High-quality aluminum alloy shell ensures superior strength and durability, operating reliably in temperatures from -4°F to 122°F.
- **Powerful Performance:** Equipped with a high-output motor, it efficiently handles heavy-duty swing gates.
- **Versatile Compatibility:** Suitable for various gate types including tubular, chain-link, wood, steel, and vinyl. Supports both Pull-to-Open and Push-to-Open installations.
- **Flexible Power Options:** Operates on AC electricity, batteries, and is solar compatible (solar panels sold separately).
- **Enhanced Security:** Features advanced security password technology and a professional rolling code function to prevent unauthorized access.
- **Convenient Operation:** Open your gate from up to 328 feet using the included remote controls or via the dedicated smartphone application.

2. SAFETY INFORMATION

Please read and understand all safety warnings and instructions before installation and operation. Failure to follow these instructions may result in serious injury or property damage.

- Always disconnect power before performing any service or maintenance.
- Keep hands and clothing clear of the gate and opener mechanism during operation.

- Do not allow children to play near the gate or operate the controls.
- Ensure the gate area is clear of obstructions before activating the opener.
- Install safety devices such as photo-electric sensors to prevent the gate from closing on people or objects.
- Regularly inspect the gate and opener for signs of wear or damage.

3. PACKAGE CONTENTS

Verify that all components are present and undamaged before beginning installation.

Image: Complete kit showing all components.

- 2 x Linear Actuators (Gate Opener Arms)
- 1 x Control Box (Main Unit)
- 2 x Remote Controls
- Mounting Brackets (various types for gate and post attachment)
- Adjustable Ground Stopper
- U-shaped Tube Brackets (for round gate frames)
- Hardware Bag (bolts, nuts, washers, pins)
- User Manual (this document)

4. SETUP AND INSTALLATION

The TMT Terrier 200 Dual Gate Opener is designed for straightforward installation, typically achievable within one hour using basic household tools. No welding or high-voltage wiring is required.

4.1 Gate Compatibility and Dimensions

This opener is suitable for swing gates up to 8 feet in length and 550 pounds in weight per leaf. It supports both inward and outward opening configurations.

OUTWARD OPENING

A \ B	5.5	5.9	6.3	6.7	7.1	7.5	7.9	8.3	8.7	9.1
5.5										
5.9										
6.3	β°>120°									
6.7		β°>100°~120°								
7.1			β°>100°~110°							
7.5										
7.9					β°>90°~100°					
8.3										
8.7										
9.1						β°>90°				

30.7 (inch)

INWARD OPENING

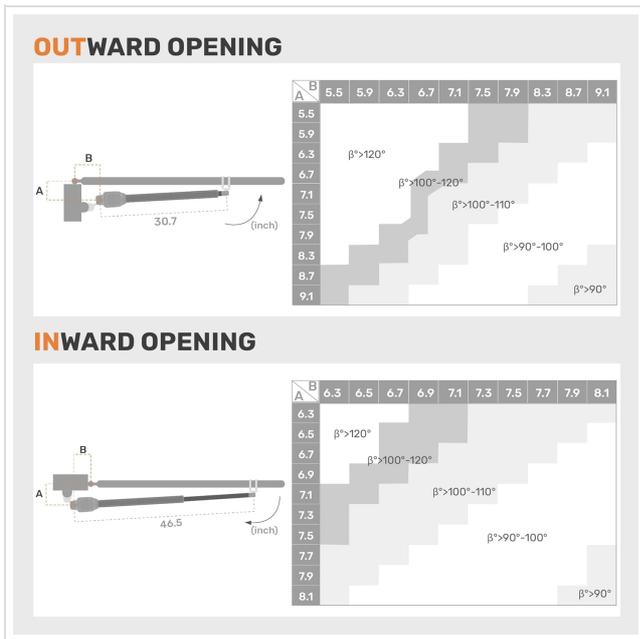| A \ B	6.3	6.5	6.7	6.9	7.1	7.3	7.5	7.7	7.9	8.1
6.3										
6.5	β°>120°									
6.7		β°>100°~120°								
6.9										
7.1			β°>100°~110°							
7.3										
7.5					β°>90°~100°					
7.7										
7.9										
8.1								β°>90°		

46.5 (inch)

Image: Diagrams illustrating outward and inward gate opening dimensions and angles.

4.2 Mounting Brackets

The kit includes various mounting brackets to accommodate different gate and post types. Use the U-shaped tube brackets for installing on ranch gates or other tubular gate frames.

U-SHAPED TUBE BRACKETS
Perfect for installing on ranch gates

Image: Detail of U-shaped tube brackets for secure attachment to round gate frames.

4.3 Ground Stopper Installation

An adjustable ground stopper is provided for flexible positioning, ensuring the gate stops precisely at its closed or open position.

Image: The adjustable ground stopper, crucial for precise gate stopping.

4.4 Power Supply Modes

The gate opener offers multiple power options for versatility:

- **AC Electricity:** Connect directly to a standard power outlet.
- **Battery Backup:** Utilizes 2x12V batteries (not included) for continued operation during power outages.
- **Solar Compatible:** Can be powered by solar panels (not included) for off-grid applications.
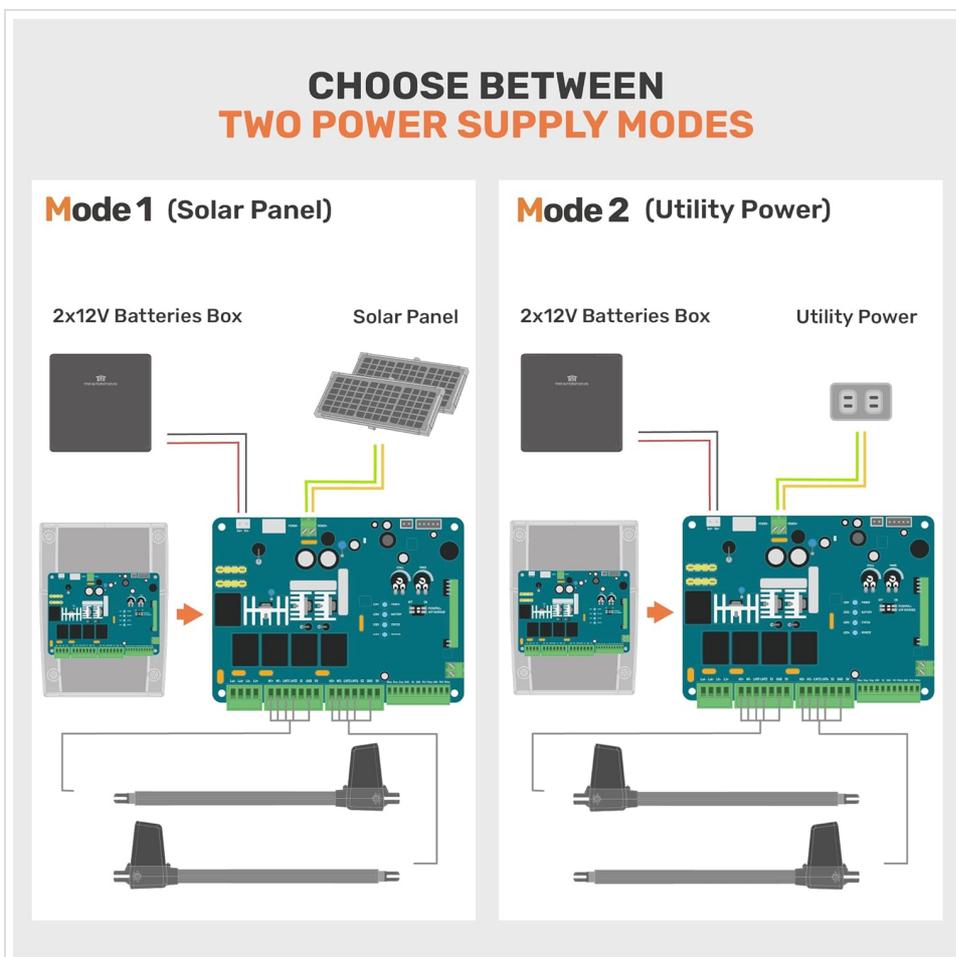

Image: Visual representation of connecting the gate opener to either solar panels or utility power.

5. OPERATING INSTRUCTIONS

The TMT Terrier 200 Dual Gate Opener can be operated using the included remote controls or through the dedicated smartphone application.

5.1 Remote Control Operation

The included remote controls allow you to open and close the gate from a distance of up to 328 feet. The professional rolling code function ensures secure communication and prevents unauthorized copying.

5.2 Smartphone App Control (Chow! App)

For enhanced convenience and smart features, download the Chow! App. This application allows you to control your gate via Wi-Fi and Bluetooth, receive notifications, and share access with others.

Image: The Chow! App interface demonstrating remote gate control capabilities.

Download the Chow! App: http://onelink.to/tmk5na

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your TMT Terrier 200 Dual Gate Opener.

- **Monthly:** Inspect the gate and opener for any loose hardware, signs of wear, or obstructions. Clean any debris from the moving parts.
- **Quarterly:** Lubricate moving parts of the gate and opener arms as recommended in the detailed installation manual (not provided here). Check electrical connections for corrosion.
- **Annually:** Have a qualified technician inspect the system for proper operation and safety features.

7. TROUBLESHOOTING

This section provides basic troubleshooting steps for common issues. For more complex problems, please refer to the full user manual or contact customer support.

Problem	Possible Cause	Solution
Gate does not respond to remote/app.	No power; remote battery low; signal interference.	Check power supply; replace remote battery; clear line of sight.
Gate opens/closes partially.	Obstruction; limit settings incorrect.	Remove obstruction; re-adjust limit settings as per installation guide.
Unusual noises during operation.	Lack of lubrication; worn components.	Lubricate moving parts; inspect for worn components and replace if necessary.

8. SPECIFICATIONS

Attribute	Detail
Model Number	MP-TR200-7173-002
Manufacturer	TMT Automation Inc
Max Gate Weight	550 lb (per gate leaf)
Max Gate Length	8 ft (per gate leaf)
Operating Temperature	-4°F to 122°F
Power Modes	AC, Battery, Solar Compatible
Remote Control Range	Up to 328 feet
Product Dimensions	32.2 x 3.9 x 7.6 inches
Item Weight	17.97 pounds
Country of Origin	China
Batteries Required?	Yes (for battery backup, not included)
Exterior Finish	Aluminum, Black
Installation Type	Surface-mounted

9. WARRANTY INFORMATION

TMT Automation Inc. provides the following warranty for the Terrier 200 Dual Gate Opener:

- **Motor:** 24 Months
- **Other Components:** 12 Months

Please retain your proof of purchase for warranty claims. The warranty covers defects in materials and workmanship under normal use.

10. CUSTOMER SUPPORT

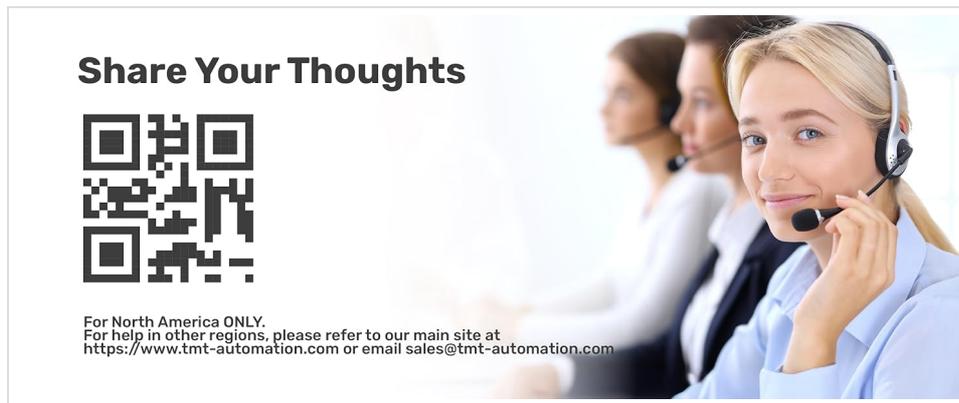For assistance, technical support, or warranty inquiries, please contact TMT Automation Inc. customer service.

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For help in other regions, please refer to our main site at
https://www.tmt-automation.com or email sales@tmt-automation.com

Image: Customer support details including phone number and website.

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