

GTO/PRO 2000

Swing Gate Operator Series



GTO/PRO 2000 and GTO/PRO 2200 opening GTO's front gates.

FEATURES

Handles gates up to 20' (6.1 m) long, up to 1000 lbs. (453 kg) each leaf, for single or double gates

Heavy Duty 2000 Series Control Board
Adjustable obstruction sensing in both open and close modes; Adjustable auto closing;
Adjustable gate sequencing

Heavy duty, continuous cycle transformer

New sleek design with continental appeal

Fully systems capable; "add on ready"

Compatible with a variety of accessories

Solar option available

Optional mounting brackets available

Improved limit switch design

Accommodates push or pull to open installations as a standard feature

BENEFITS

Increases the number of applications where operator(s) can be used

Extreme resistance to lightning and static
Dependable
Versatile
Affordable

Excellent for heavy traffic areas; dependable
Provides safe, economical low voltage operation

Provides a distinctive, professional appearance to the installation

Versatile; less expensive to install

Provides more options: works with all GTO Accessories, or any accessory that will work with a 12 volt system or that has its own power supply

Economical, no need to run power to gate
Ideal for remote locations

Adjustable for different size posts

Enclosed to maintain settings and prevent tampering; fully adjustable for opening and closing cycles

Increased number of applications
Safety maintained with the operator installed on inside of gate; no additional hardware needed

And ... it's as quiet as a churchmouse; opens and closes gently.

Made Proudly in the USA

GTO/PRO 2000 Swing Gate Operator Series

"Technical Specs" - GTO/PRO 2000 Swing Gate Openers

DRIVE

- Low friction screw drive (linear actuator).
- Temperature rating of motor -30° F (-34°C) to +160° F (71°C).
- Powered by a 12 V/ DC motor; generates 600 inch pounds torque at 12 V.
- 110 degree opening time is 20 seconds.
- Up to 24" (61 cm) stroke.
- Operator length with arm fully retracted is 39" (99 cm), mounting point to mounting point.
- Limit switches are internal and can be set for open and closed positions.

POWER

- System is powered by a 12 V DC / 7.0 amp hour, sealed, rechargeable gel cell battery.
- Battery charge maintained by 120 V AC / 60 hertz input and 14 VAC at 40 VA. (2.9 amperes) output; transformer rectified to 14 V DC through the **GTO Control Board**.
- ** NOTE: Transformer should not be connected directly to any battery.**
- Battery charge maintained by **GTO Solar Panel Charger**: float voltage 14.5 V DC output from 19³/₈" (49.21 cm) x 15¹/₄" (38.74 cm) silicon alloy panels; generates minimum of 10 watts at 600 mA each. Gated diode on the control board prevents battery discharge.

CONTROL

- **GTO** microprocessor-based **SMART** control board can be programmed for pull-to-open or push-to-open, single gate or dual gate installations, as well as adjustable auto close, obstruction sensitivity and dual gate sequencing. Temperature compensated circuits. Auto-memorization of digital transmitter code. Charging regulated circuit on control board. "Sleep draw" is 10 mA; "active draw" is 2 to 5 amps.
- **GTO** remote-mounted RF receiver is tuned at 318 MHz.

OPERATIONAL CAPACITY

- The **GTO/PRO 2000** will handle gates weighing up to 1000 lbs. (453 kg) and up to 20 ft. (6.1 m) in length **if all proper installation procedures have been followed**. Note that ball bearing hinges should be used on all gates weighing over 250 lbs. (113.4 kg).
- The **GTO/PRO 2000** is capable of continuous duty cycling; however, the total cycles per day will depend on the motor current and efficiency of the gate installation. For questions relating to specific applications and for information regarding cycling duty when charged by solar panels, call the GTO service department at 1-800-543-GATE (4283).

Limited Two Year Warranty



GTO/PRO 2000 (FM2000)

For Single Gate Installations

GTO/PRO 2000 Standard Components:

- Operator for Single Gate – includes 6 ft. (1.8 m) power cable
- Control Box w/ Control Board
- Closed Position Stop Plate • Receiver w/ cable
- Continuous Operation A.C. Transformer
- Heavy Duty Mounting Brackets and Installation Hardware
- Installation Manual • Remote Transmitter (1)
- 12 volt Battery

The **GTO/PRO 2000 Series** is designed for residential and light commercial use on single gates 5 ft. to 20 ft. (1.5 m to 6.1 m) in length weighing up to 1000 lbs. (453 kg). Like all **GTO/PRO** gate operators, the **GTO/PRO 2000** can be installed on gates that open in (pull-to-open), or that open out (push-to-open).

GTO/PRO 2200 (FM2200)

For Dual Gate Installations

(in combination with the GTO/PRO 2000)

GTO/PRO 2200 Standard Components:

- Operator for Second Gate – includes 50 ft. (15 m) power cable
- Heavy Duty Mounting Brackets and Installation Hardware
- Closed Position Stop Plate • Installation Manual

The **GTO/PRO 2200** is a "slave" opener, installed with the **GTO/PRO 2000** in dual gate applications. The microprocessor control board can be programmed for dual gate operation (pull-to-open or push-to-open), and for sequencing the opening and closing of the two gates.

Available through: