



Swing

PRO-SW2500

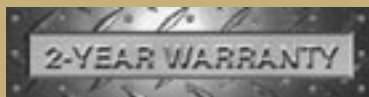
RESIDENTIAL

SERIES

The PRO-SW2500 is a common selection for the basic residential gate application. Designed to address most chain link, tubular steel, vinyl, wood, aluminum, and ornamental gate applications.

- Will operate a gate up to 16' (4.88 m) long and weighing up to 500 lbs. (226.8 kg) each leaf.
- Full systems capable "add on ready" heavy-duty control board includes adjustable obstruction sensing, gate sequencing and auto close settings (0-120 seconds).
- **Features GTO/PRO's true soft start and stop operation.**
- Full access ready package includes battery, radio receiver, entry transmitter, AC transformer, and all necessary mounting hardware for a standard installation.
- Accommodates push or pull-to-open installations.
- UL rated for Class I, II, III & IV. System certified to be in compliance with UL 325, 5th edition.

Swing Operators



PRO-SW2550

Designed to work as a slave gate operator in dual gate applications.



DC SERIES

Professional Access System Specialists...

PRO-SW2500



Technical Specifications

DRIVE

- Powered by a reliable 12 Volt DC motor, 64:1 planetary gear drive system.
- Temperature rating of motor: -5° F (-28° C) to +160° F (71° C).
- Opening time is 20-24 seconds.
- Range of arm stroke is up to 22" (56 cm). Operator length with arm fully retracted is 40.25" (102 cm), mounting point to mounting point.

POWER

- The PRO-SW2500 system is powered by a 12 Volt DC / 7.0 amp hour, sealed, rechargeable battery.
- Battery charge maintained by a 120 V AC/60 Htz input and 18 V AC at 40 VA. output, transformer rectified to 14 V DC through the GTO® Control Board.

NOTE: Transformer should never be connected directly to any battery.

- **OPTIONAL:** GTO/PRO® Solar Panel Charger: float voltage 14.5 V DC output from a 19-3/8" (49.21 cm) x 15-1/4" (38.74 cm) silicon alloy panel. Generates minimum of 10 Watts at 600 mA. A gated diode on the control board prevents battery discharge.
- **OPTIONAL:** PRO-SW2500 slave operator used with SW2500 in dual gate applications with 40' power cable.

CONTROLS

- The GTO/PRO® control board can be programmed for pull-to-open or push-to-open.
- Adjustable auto close, obstruction sensitivity and dual gate sequencing.
- Slow Start/Stop for added cycles and system life.

- Auto-memorization of digital transmitter code.
- Charging regulated circuit on control board. "Sleep draw" is 40 mA; "active draw" is 2 to 7 amps.

- GTO/PRO® remote-mounted RF receiver tuned at 318 MHz.

OPERATIONAL CAPACITY

The PRO-SW2500/SW2550 will handle gates weighing up to 500 lbs. (226.8 kg) and up to 16 ft. (4.88 m) in length (per leaf) 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).



GTO/PRO SW2500 Gate Capacity / Cycle Chart

Estimated number of daily cycles, based on use with a transformer and one(1) 12 Volt battery.

		Number of Cycles Per Day						
Gate Weight	500 lbs.	165	155	145	135	125	100	
	400 lbs.	175	165	155	145	135	125	
	300 lbs.	185	175	165	155	145	135	
	200 lbs.	195	185	175	165	155	145	
	150 lbs.	205	195	185	175	165	155	
	100 lbs.	215	205	195	185	175	165	
	50 lbs.	225	215	205	195	185	175	
		5' - 6'	8'	10'	12'	14'	16'	
		Gate Length						

Available Through:



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DC SERIES

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