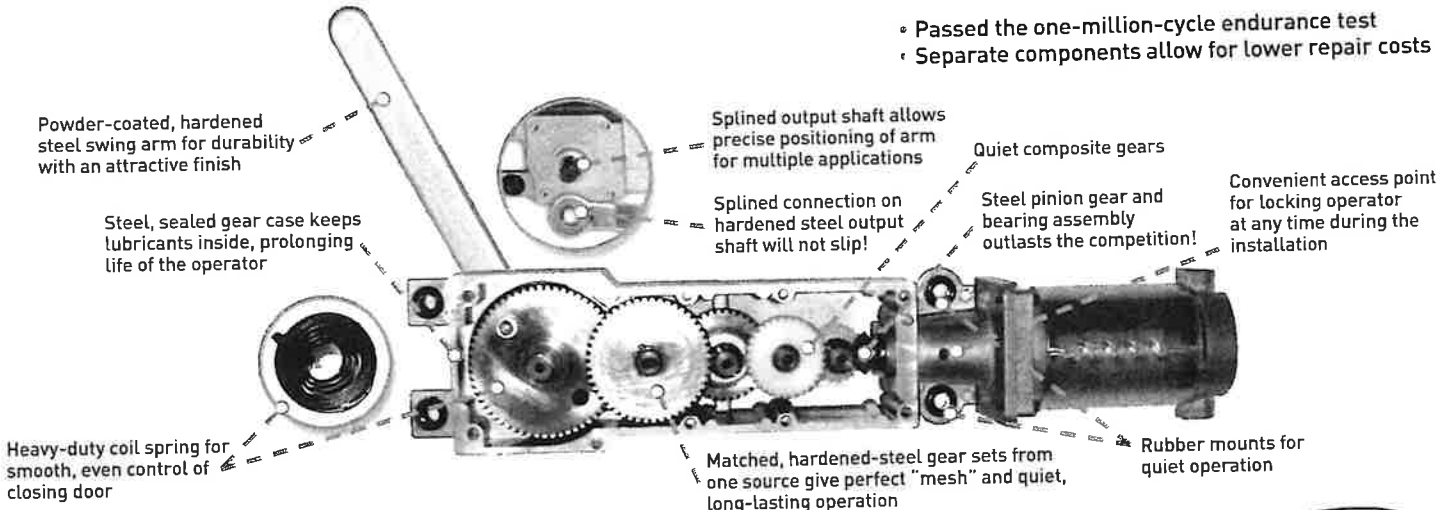
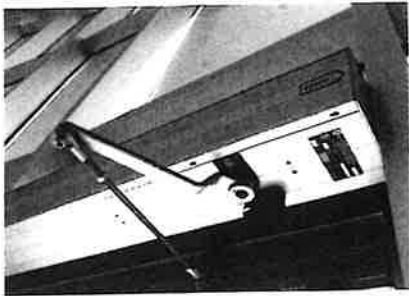
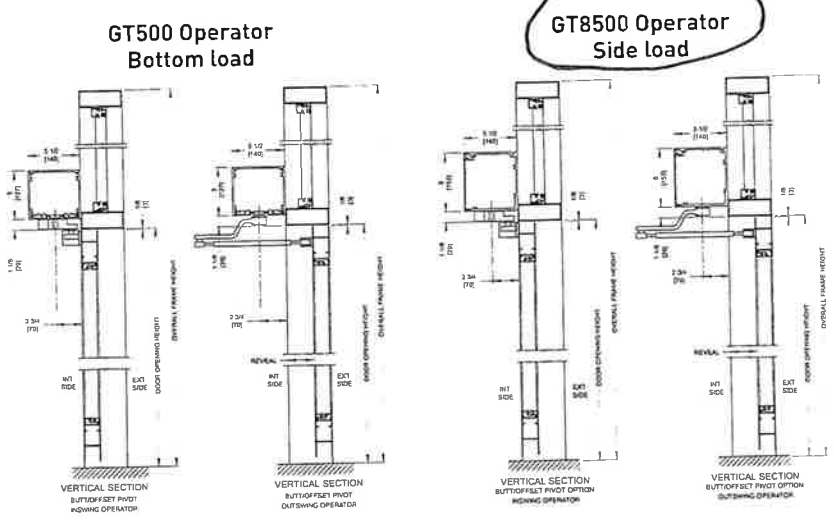


# GT500/8500 Heavy-Duty/Low-Energy/Fire Door ADA Swing Door Operator

The NABCO GT500/8500 Heavy-Duty/Low-Energy Operator is engineered for interior and exterior use, and designed to automate essentially any new or existing door frame. Accepted for use with UL-approved fire exit hardware. In the event of a fire emergency, the system powers down, allowing the doors to close and latch. Entry is prevented but personnel can exit by pushing the panic hardware. The side load header access panel simply pivots up and locks into position, out of the way, enabling quick installation and ease of servicing. NABCO ensures the highest level of customer satisfaction and the lowest failure rate by rigorously testing each unit prior to shipment. The low-energy performance combined with the adjustable opening and closing speeds reduce energy consumed, which offers a prompt return on your investment.



PRODUCT INFORMATION	
Header dimensions	Bottom load - 5" H X 5 1/2" D (GT500) Side load - 6" H X 5 1/2" D (GT8500)
Standard finish	Clear and dark bronze anodized
Optional finishes	Painted, clad, special anodized
Mounting	Surface applied/In-ground
Installation types	Push or pull
Operating voltage	120 VAC
Auxiliary power output	12VDC 750mA
Operator drive	Electro-mechanical
Motor voltage	Pulse width modulated
Motor type	1/10th HP permanent magnet motor
Control type	Microprocessor
Door panel weight	300 lbs.
Adjustable open	Force and speed
Adjustable close	Speed
Closing method	Spring (with selectable power assist)
Adjustable opening angle	90° to 110°
Power boost close	Selectable
Basic features	Low-energy operation Push and go Obstacle detection in opening and closing cycles Sequential or timer mode operation LCD screen for programming and diagnostics Open- or closed-circuit safety inputs Momentary or maintained activation
Switch modes	On, off, hold-open
Opening and closing speed	Adjustable
Hold-open time	Adjustable (0-30 seconds)
Code compliances	ANSI A156.19/ANSI A117.1
Approvals	UL, ULC



**CONFIGURATIONS:**  
The GT500/8500 is available for multiple configurations such as single doors, simultaneous pairs, dual egress and in-ground applications, as well as the Opman configuration, which is a single, continuous header for a pair of doors containing a manual closer on one side and an automatic operator on the other.

## NABCO Service and Specifications

Along with the NABCO factory branches, NABCO has the largest independently owned network of automatic door distributors in North America. Their friendly, qualified installers and technicians always strive to exceed your expectations from install to after-sales service. NABCO's factory branches and independent distributors provide AAADM-certified technicians to ensure your doors meet all ANSI A156.10/A156.19 standards.

Complete three-part specifications and CAD drawings are available on the NABCO website.



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# SEDSCO SWITCHES

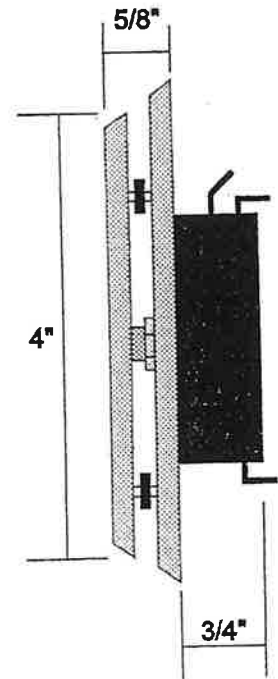
59

series

## 59-HSS standard press plate wall switch

- 4 1/2" x 4 1/2" Stainless Steel Back Plate
- 4" x 4" Active Stainless Steel Face Plate
- UL Listed "Cherry Switch" , SPDT, Mom.
- Fits 1. or 2 gang Electrical Box or SEDCO #1214 Surface Mounting Box
- Special Finishes: US3,US4,US10,US10B,US32

### 59-HSS Wheelchair x "PRESS TO OPERATE DOOR" (Blue Enamel Filled Letters On Stainless Plate)



## Section 1

### General Description

The ClearPath radio control transmitters provide reliable activation of any automatic door. Three wall mount styles are available and each comes with a transmitter PCB, antennas and battery completely assembled in a surface mounting box.

- CP/TX** = Square Mounting Box (Use with 59 Series 4 1/2" Square Switches)
- CP/TX-R4** = Round Mounting Box (Use with 59R4 Series 4 1/2" Round Switches)
- CP/TX-R6** = Round Mounting Box (Use with 59R6 6" Round Switches)

All ClearPath transmitters have 3 selectable frequencies - High Definition Radio Control™ (HDRC™), 300 MHz and 390 MHz. A simple slide switch allows them to be used interchangeably with past MS SEDCO and other competitor's products utilizing these frequencies.

## Section 2

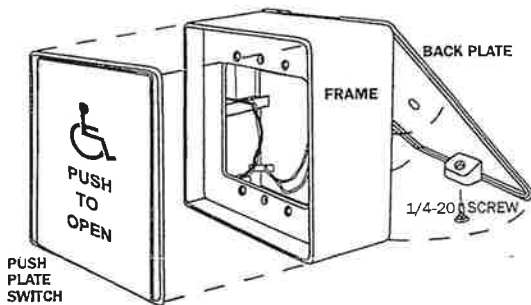
### Basic Installation

- 1) Remove the 1/4-20 screw located in the bottom of the frame and separate the back plate from the frame (Fig.1). Secure the back plate in its intended location with at least 2 screws.

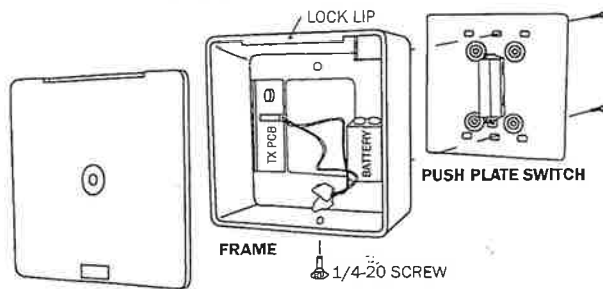


**WARNING:** Mounting screws must be flush with the back plate to ensure proper assembly.

**FIGURE 1**



(Front View-CP/TX Shown)



(Rear View-CP/TX Shown)

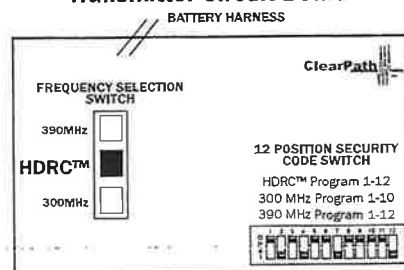
- 2) **SELECT FREQUENCY:** Select the desired frequency, via the 3-position slide switch, on the transmitter

circuit board (Fig.2). HDRC™ is factory setting.

- 3) **SELECT SECURITY CODE:** Program the desired security code, via the 12 dip switches on the transmitter circuit board (Fig. 2).

**FIGURE 2**

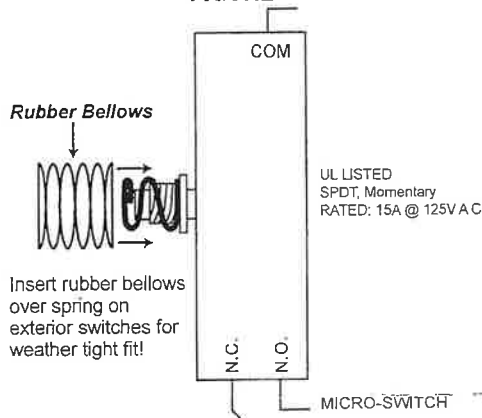
### Transmitter Circuit Board



**HDRC™:** MS SEDCO proprietary technology  
**300 MHz:** Compatible with Multicode™ products  
**390 MHz:** Compatible with MS SEDCO and GENIE™ products

- 4) Attach the push plate switch (purchased separately) to the mounting box frame with the 6-32 screws provided with the push plate switch (Fig.1).
- 5) Plug the 2-lead transmitter wire harness onto the COM (Common) and N.O. (Normally Open) contacts located on the push plate switch (Fig.3).

**FIGURE 3**



- 6) Attach the mounting box frame to the back plate already mounted in its intended location (step 1) by placing the lock lip of the frame over the top of the back plate, pushing it down in a hinge-like motion (Fig.1).
- 7) Secure the mounting box frame to its back plate at the underside with the 1/4-20 screw supplied (Fig.1).



**NOTICE:** This device complies with Part 15 of the FCC rules. Operation of this device is subject to the following two conditions: 1) This device may not cause harmful interference and 2) This device must accept any interference received, including interference that may cause undesired operation. Any changes or modifications not expressly approved by MS SEDCO could void the user's authority to operate this equipment.

Product protected by US patent 7,545,833