

## Section 1

### General Description

ClearPath Spectrum radio control transceivers provide reliable activation of any automatic door, and feature several industry firsts. ClearPath Spectrum products feature digital two-way communication, increasing security and allowing users to pair transceivers to coordinators, and monitor battery power. With the ability to identify transceivers by location, optional SecureActivation will require users of the outside switch to be granted clearance before activation can occur.

- S-TRX** = Spectrum Transceiver with 1020 Square Mounting Box - replaces CP/TX
- S-TRX-R4** = Spectrum Transceiver with 1025 Round Mounting Box - replaces CP/TX-R4
- S-TRX-R6** = Spectrum Transceiver with 1030 Round Mounting Box - replaces CP/TX-R6
- S-TRX-J** = Spectrum Transceiver with 1010 Jamb Mounting Box - replaces CP/TX-J

ClearPath Spectrum products operate at 2.4 GHz, making the wave length more than 5 times shorter than commonly-used frequencies. Shorter waves pass through cracks and barriers easier, and transmitters will continue to attempt to contact the coordinator until it receives an acknowledgement.

## Section 2

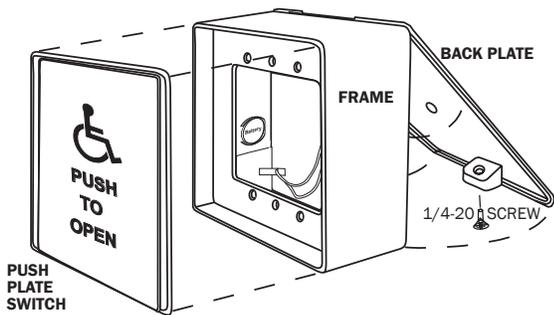
### Basic Installation

- 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.

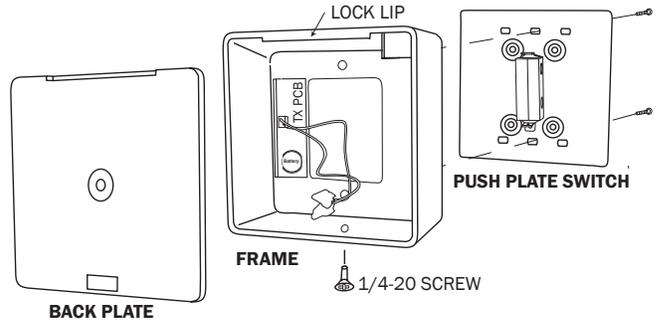


**WARNING:** Mounting screws must be flush with the back plate to ensure proper assembly.

FIGURE 1



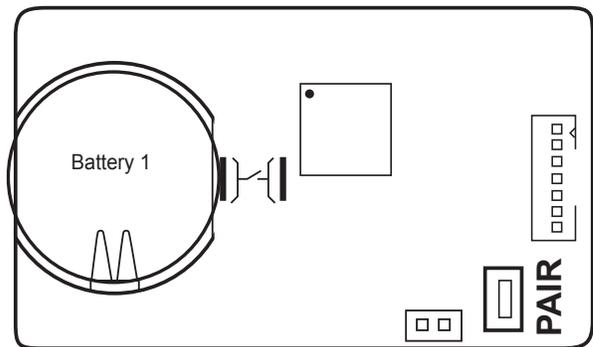
(Front View: S-TRX Shown)



(Rear View: S-TRX Shown)

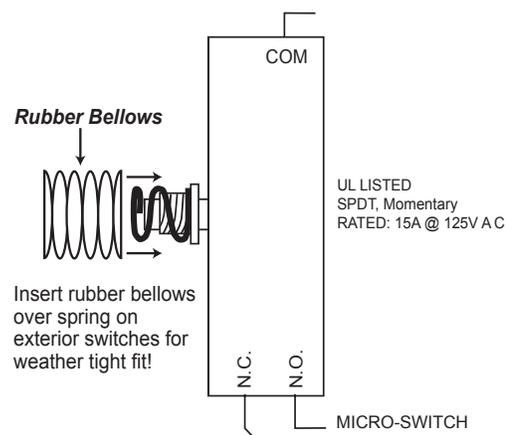
- 2) Place coordinator into pairing mode. (See CS/COR coordinator instructions)..
- 3) Press PAIR button (Fig.2).

FIGURE 2  
Transmitter Circuit Board



- 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.

### Section 3

#### Maintenance

For best results, change the battery every 3 years, or as needed. To remove the current battery, use a small flat-head screwdriver, approaching from the PAIR button side of the pcb as shown (See Fig. 4).

**FIGURE 4**  
Transmitter Circuit Board

