

## 1 Mount the Enclosure

The enclosure mounts on the wall. Mount the enclosure right-side up (the Mircom logo on the door is in the lower right corner).

### You need:

4 fasteners appropriate for the wall that you are mounting the enclosure on.

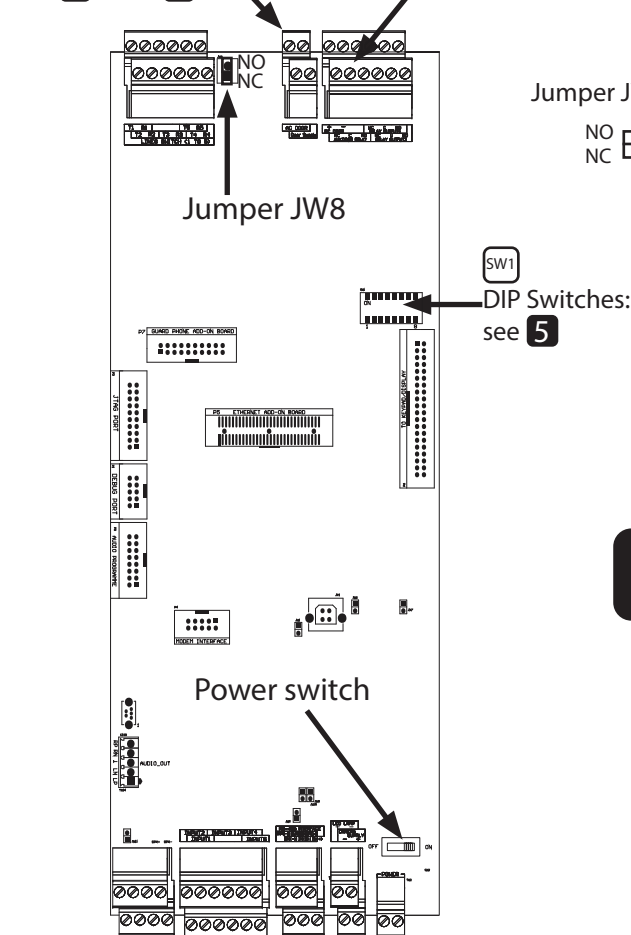
1. Find a suitable location for the enclosure.
2. Mark the back mounting locations of the two top screws. Ensure that at least one screw is over a wall stud.
3. Place the fasteners halfway into the wall in the two top keyhole locations and wall stud.
4. Place the enclosure onto the fasteners, then lower it so that the fasteners fit in the narrow part of the keyholes.
5. Screw the other fasteners into the remaining holes.
6. Tighten all fasteners into place.

**Warning: To prevent water from entering the unit, use an elbow connector to run the wires to one of the three knockouts on the back. The elbow connector must point downwards.**

### Installation Prerequisites

- Verify that the building telephone infrastructure is operational. When wiring an NSL installation it may be necessary to check each resident's line.
- Ensure there is a provision for a ground circuit. The Telephone Access System assembly must be grounded by a qualified electrician. An improperly grounded unit can result in equipment malfunction and void the warranty.
- Use the latest Telephone Access System controller firmware. Mircom periodically updates panel firmware and Configurator Software to add features and correct any minor inconsistencies. For information about the latest firmware or software visit the 'Manuals and Downloads' section of the Mircom website at [www.mircom.com](http://www.mircom.com)

AC or DC Door Strikes: see **2** and **3**  
Auxiliary Door Strike: see **4**



**Warning: Turn the power off before wiring. Install all power supplies outside the enclosure.**

### Wiring Requirements

Unless specified otherwise, all wiring is a maximum length of 1000 ft (304.8 m).

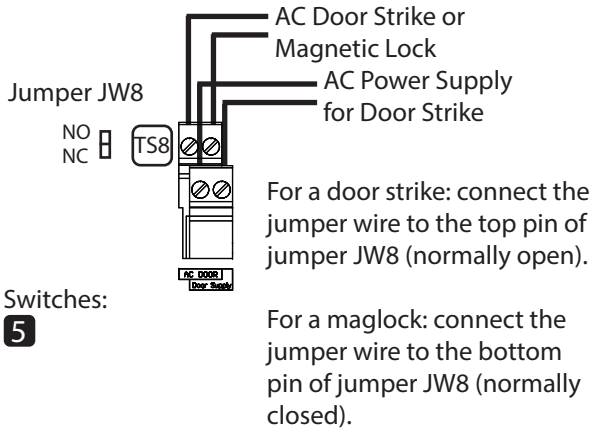
**RS-485:** Maximum total length: 4000 ft (1219.2 m)  
Use twisted shielded pair.

**Door Strike:** The door strike power supply depends on the door strike power requirements.

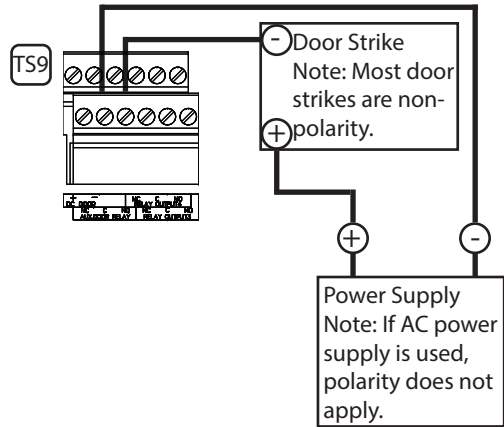
### Maximum Power Supply Wire Distances

Gauge	Distance
16	125 ft (38.1 m)
14	200 ft (60.96 m)
12	320 ft (97.536 m)
10	500 ft (152.4 m)

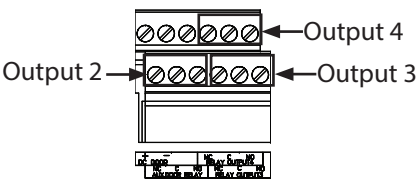
## 2 AC Door Strike or Maglock 18 AWG



## 4 Auxiliary Door (Output 2) 18 AWG

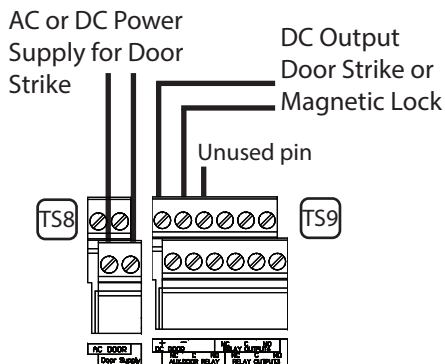


### Outputs 2-4



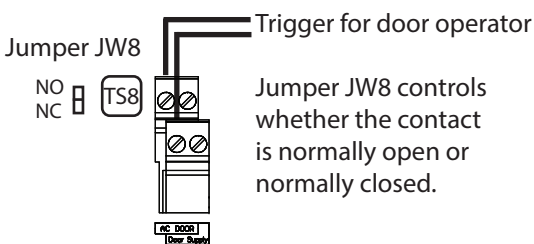
Contact ratings for outputs 2-4:  
125 VAC / 2 A  
30 VDC / 1 A

## 3 DC Door Strike (Output 1) 18 AWG



The maximum supply for the AC or DC Power Supply for Door Strike must not exceed:  
28 VAC / 1 A max  
30 VDC / 1 A max

### Alternative Wiring for Dry Contact



## 5 DIP Switch Settings for RS-485 Address



Each Touch Screen must have a unique RS-485 address. Use DIP switches 1-6 to set the RS-485 network address. See LT-969 for details. Leave DIP switch 7 on.

**Mircom**  
<http://www.mircom.com>  
CANADA - Main Office  
25 Interchange Way  
Vaughan, ON L4K 5W3  
Tel: (888) 660-4655  
(905) 660-4655

U.S.A  
4575 Witmer Industrial Estates  
Niagara Falls, NY 14305  
Tel: (888) 660-4655  
TECHNICAL SUPPORT  
Tel: 1-888-647-2665

