1. Carefully unpack box.

2. Make sure you have everything shown here.

3. Unlock and remove front panel of keypad unit, then using carriage bolts and hex nuts, attach unit to pedestal as shown.

4. For ease of wiring, insert front panel into enclosure as shown.

**What's what?**

**Important components labeled**

- **Keypad Unit Front Panel**
  Shown as it would appear with front panel inserted into back housing as in Step 4.

- **Wire Harness**
  For wiring to gate operator or door opener as well as power

- **Event Input Terminals**
  For wiring to an exit device

**Wire Harness Guide**

- Brown: COM (Relay A)
- Yellow: N/C (Relay B)
- Gray: COM (Relay B)
- Purple: N/O (Relay B)
- Orange: N/O (Relay A)
- Blue: N/C (Relay A)
- White: Power

**WARNING!**

AUTOMATIC GATES CAN CAUSE SERIOUS INJURY OR DEATH!

ALWAYS CHECK that the GATE PATH IS CLEAR BEFORE OPERATING!

Reversing or other safety devices should **ALWAYS BE USED!**
**Make the connections**

**Wiring for Gate Operator or Door Opener**

- **Power Source**: 12–24 VAC/DC

**Gate Operator / Door Opener**

- **Terminals**: POS (+), NEG. (-), COM, FREE EXIT, OPEN, STOP, CLOSE

Consult gate operator or door opener manual for exact connections. Terminals vary widely across manufacturers and models.

Connect gray and purple wires only if using second relay.

Ground wire is optional unless required by local code(s). If using, please connect to earth ground or equivalent.

**Make the connections**

**Wiring for Door Strike and Exit Device**

- **XL 660**
- **Exit Device** (S-RTE-P is shown)
- **Power Source** (12-24 VAC/DC)
- **Electric Strike**

See note on Step 5a.

Connect to Event Input Terminals on keypad unit. (Wires are not included)

This wire is not part of the unit's wire harness and must be supplied.

**Make the connections**

**Wiring for Mag Lock and Exit Device**

- **XL 660**
- **Exit Device** (S-RTE-P is shown)
- **Power Source** (12-24 VAC/DC)
- **Mag Lock** (S-1200MAG is shown)

See note on Step 5a.

Connect to Event Input Terminals on keypad unit. (Wires are not included)

This wire is not part of the unit's wire harness and must be supplied.
**Additional Programming**

### Delete Code(s)
(To delete multiple codes, enter each of them before pressing pound key)

```
1 2 5 1 2 ? ? ? ? #
```

- **Master Code** (can be changed)
- **Sub Mode**
- **Access Code(s)** to be deleted (4 digits; numbers only)

**NOTE:** The Master Code is for programming only and will not trigger the relay. The green arrow indicates a “good” tone on the keypad. An incorrect entry will sound a “bad” tone.

### Change Master Code

```
1 2 5 1 3 ? ? ? ?
```

- **Current Master Code** (1251 is default)
- **Sub Mode**
- **New Master Code** (4 digits; numbers only)

### Set Latch Code

```
1 2 5 1 5 ? ? ? ?
```

- **Master Code** (can be changed)
- **Sub Mode**
- **Latch Code** (4 digits; numbers only)

**NOTE:** Green arrow indicates “good” tone on keypad. Always wait for good tone before moving on.

---

**Things to Know**

### The Star Key (*)
The star key deletes your current entry. If you happen to make a mistake keying in a code, simply press the star key to delete the entire entry and start over.

### The Pound Key (#)
The pound key is good for one thing and one thing only: exiting Programming Mode. Whenever you’re in Programming Mode, simply press the pound key to get out.

### Reset Procedures
If for some reason the Master Code is forgotten or the unit needs to be reset to factory defaults, two reset procedures are available: **Master Reset** and **Unit Reset**.

These procedures can be found on Page 5 of this guide.
**Set Relay Output Time**

- Master Code (can be changed)
- Sub Mode (1 for A, 2 for B)
- Seconds (000–999)

**Add Access Code(s) to Relay B**

(To add multiple codes, enter each of them before pressing pound key)

- Master Code (can be changed)
- Sub Mode
- Access Code (4 digits; numbers only)

**Delete All Codes (Cannot Be Undone)**

- Master Code (can be changed)
- Sub Mode
- Master Code Again

**Configure Event Input**

(Allows an external device to affect keypad operation or trigger a relay)

**Modes**

- **Mode 1 - Remote Inactive Mode**: Disables all Relay A codes when input is received from external device
- **Mode 2 - Arming Circuit Mode**: Turns on keypad unit when input is received from external device
- **Mode 3 - Remote Open Mode**: Triggers either Relay A or Relay B when input is received from external device
- **Mode 0 - Event Input Disabled**

**Set Mode 1, Mode 2, Disable, or Check Current Mode**

- Master Code (can be changed)
- Current Mode (Unit beeps mode number or makes no beep when disabled)
- Mode or Exit (0–2 or # to leave mode unchanged)

**Set Mode 3**

- Master Code (can be changed)
- Sub Mode
- Current Mode (Unit beeps mode number or makes no beep when disabled)
- Mode (1 for A, 2 for B)

**NOTE:** Green arrow indicates “good” tone on keypad. Always wait for good tone before moving on.
**Reset Procedures**

**NOTE:** If an error is made during these procedures, an “error” tone will sound and you must start again from the beginning.

**Master Reset**
(Used if the Master Code is unknown, if the Latch Code is unknown and the unit is in Latch Mode, or if the Sleep Code is unknown and the unit is in Sleep Mode. All other codes will be retained after completing this procedure.)

- **Step 1 - Open faceplate on unit.**
- **Step 2 - Disconnect power.**
  Gently unhook Wire Harness connector from circuit board. Note orientation of connector.
- **Step 3 - Press and hold Reset Button, reconnect power, then release Reset Button.**
  Gently reattach Wire Harness connector to circuit board. Unit will sound one (1) tone.
  Release Reset Button after you hear tone.
- **Step 4 - Press Star key (*) on keypad three (3) times.**
- **Step 5 - Close faceplate on unit.**

The Master Code is now reset to default (1251).

**Unit Reset**
(Used to reset unit to factory default settings. All codes are erased in this procedure.)

**CAUTION:** FOLLOWING THIS PROCEDURE WILL DELETE ALL CODES!

- **Step 1 - Open faceplate on unit.**
- **Step 2 - Disconnect power.**
  Gently unhook Wire Harness connector from circuit board. Note orientation of connector.
- **Step 3 - Press and hold Reset Button, reconnect power, then release Reset Button.**
  Gently reattach Wire Harness connector to circuit board. Unit will sound one (1) tone.
  Release Reset Button after you hear tone.
- **Step 4 - Enter Pound (#) Star (*) Pound (#) on keypad.** (Unit will sound “good” tone.)
- **Step 5 - Enter 1251 (Master Code) on keypad.** (Unit will flash status LEDs and beep.)
- **Step 6 - While unit is beeping, disconnect and reconnect power.**
  Do this the same way as before. Unit will then go through power-up procedure.

The unit is now reset to factory default settings.