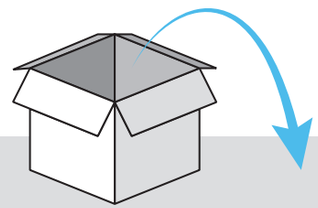
XL 660 QUICK START GUIDE

Model **S-XL-660**

START HERE

1 Carefully unpack box.



2 Make sure you have everything shown here.

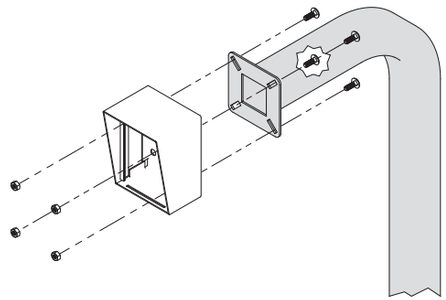
Keypad Unit

Key

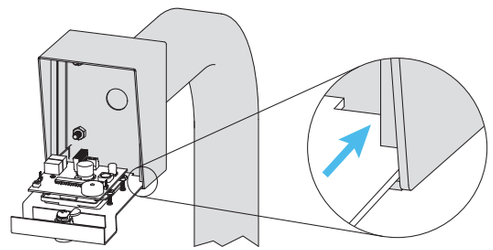
Carriage Bolt
(4x)

Hex Nut
(4x)

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.

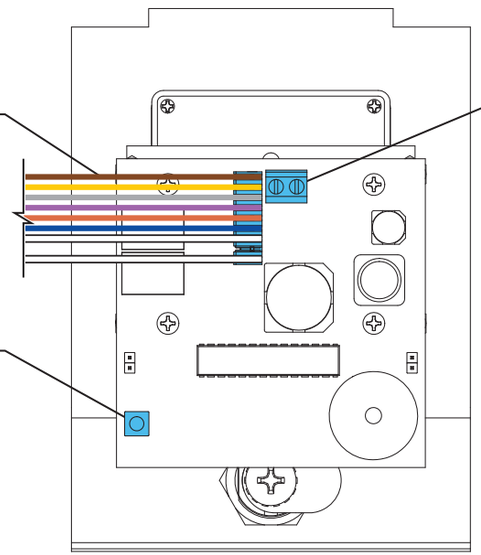


What's what?

Important components labeled

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

Reset Button
For performing reset procedures



Event Input Terminals
For wiring to an exit device

Keypad Unit Front Panel

Shown as it would appear with front panel inserted into back housing as in **Step 4**.

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
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**!

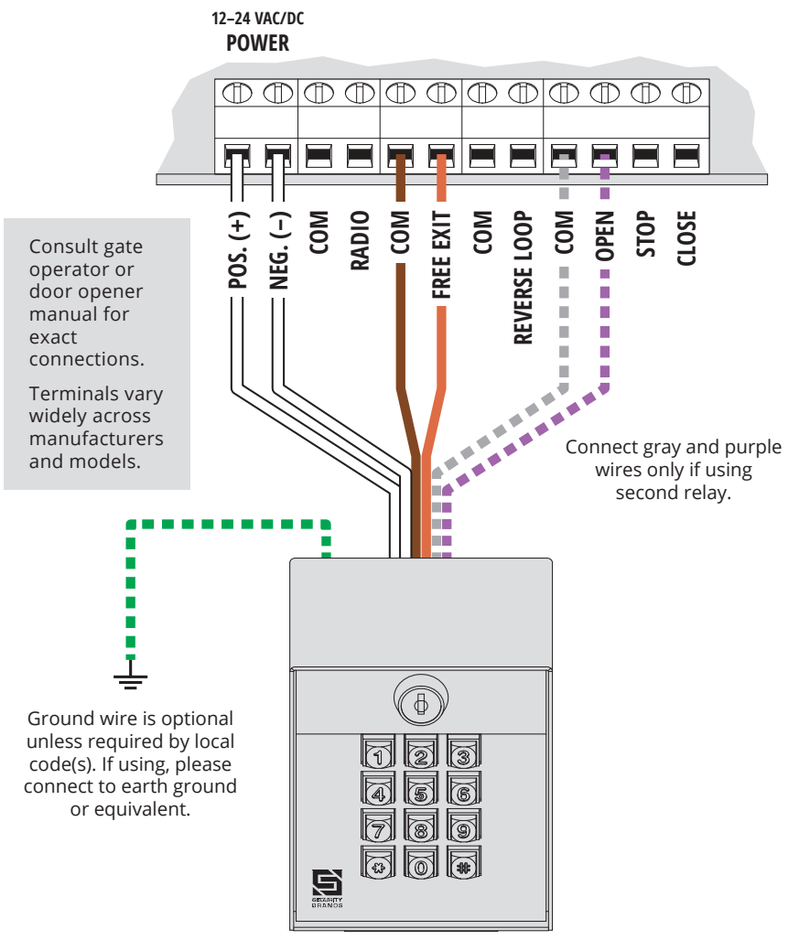
XL 660 QUICK START GUIDE

Model **S-XL-660**

5a Make the connections

Wiring for Gate Operator or Door Opener

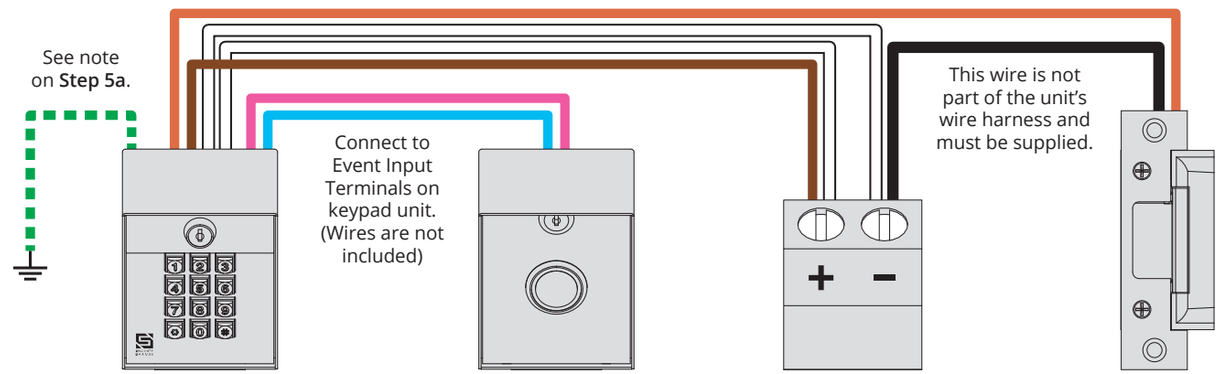
Gate Operator / Door Opener



XL 660

5b Make the connections

Wiring for Door Strike and Exit Device



XL 660

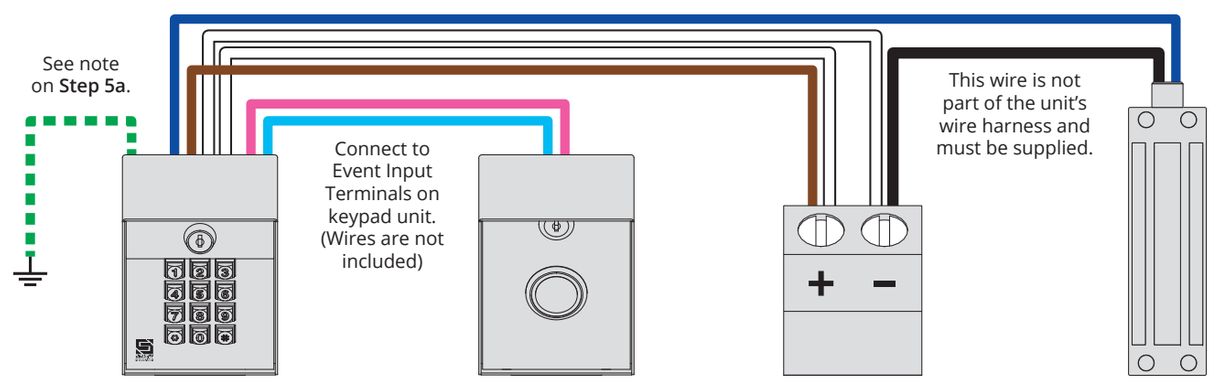
Exit Device
(**S-RTE-P** is shown)

Power Source
(12–24-VAC/DC)

Electric Strike

5c 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)

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XL 660 QUICK START GUIDE

Model **S-XL-660**

6 Add Access Code(s) to Relay A.

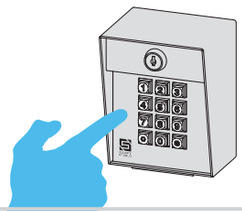
(To add multiple codes, enter each of them before pressing pound key)

1 2 5 1 → 1 → ? ? ? ? → #

Master Code (can be changed) | Sub Mode | Access Code(s) (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.

7 Make sure gate path is clear, then enter access code on keypad and confirm gate opens.



INSTALLATION COMPLETE!

Your system is ready to use.

A1 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 | Code(s) to Be Deleted (4 digits; numbers only)

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)

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.

NOTE: Green arrow indicates "good" tone on keypad. Always wait for good tone before moving on.

Programming Sub Modes

1	Add Access Code(s) to Relay A
2	Delete Code(s)
3	Change Master Code
5	Set Latch Code (**Relay A ONLY**)
6	Set Relay Output Time
7	Add Access Code(s) to Relay B
9	Configure Event Input
0	Delete All Codes

A2 Additional Programming (continued)

Set Relay Output Time

1 2 5 1 → 6 → (double beep) ? → (double beep) ? ? ? →

Master Code (can be changed) | Sub Mode | Relay (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)

1 2 5 1 → 7 → ? ? ? ? → #

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

Delete All Codes (Cannot Be Undone)

1 2 5 1 → 0 → 1 2 5 1 →

Keypad will sound "good" tone when complete.

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

1 2 5 1 → 9 → 🔊 → ? →

Master Code (can be changed) | Sub Mode | 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

1 2 5 1 → 9 → 🔊 → 3 → ? →

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

NOTE: Green arrow indicates "good" tone on keypad.
Always wait for good tone before moving on.

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B 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.

Notes

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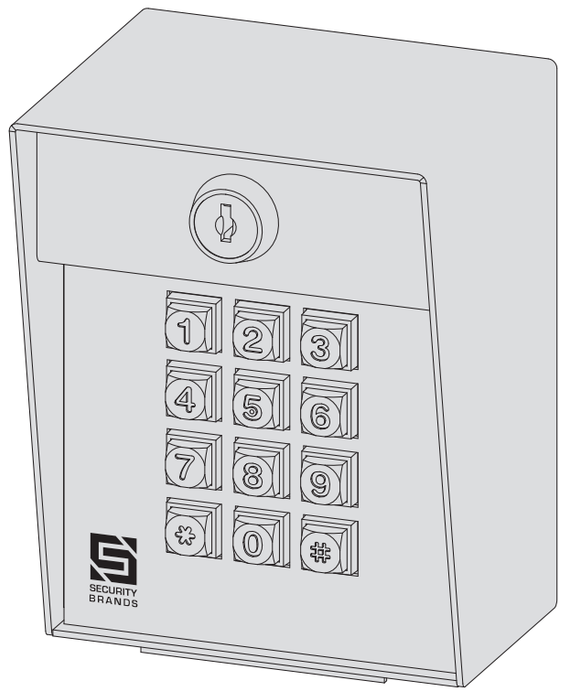
Model **S-XL-660**

Notes



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S-XL-660

NEED HELP

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