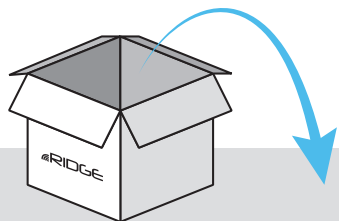


START HERE

1 Carefully unpack box.



2 Make sure you have all items shown here. (Screwdriver not shown)



Keypad Unit



Transceiver



9-V Battery



Key



Carriage Bolt
(4x)



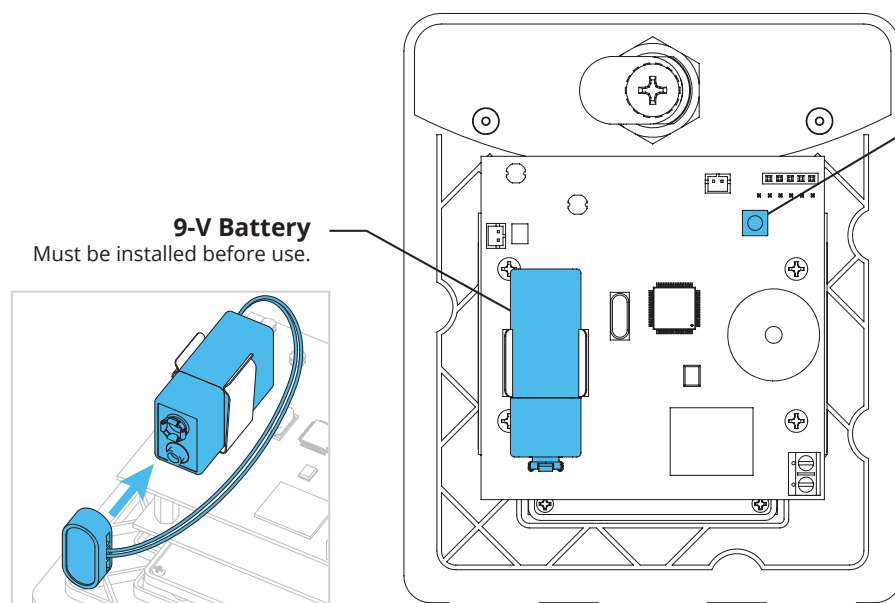
Hex Nut
(4x)



Hole Plug

What's what?

Important components labeled



Keypad Unit

Back of front panel shown.
Internal wiring not shown for clarity.

Reset Button

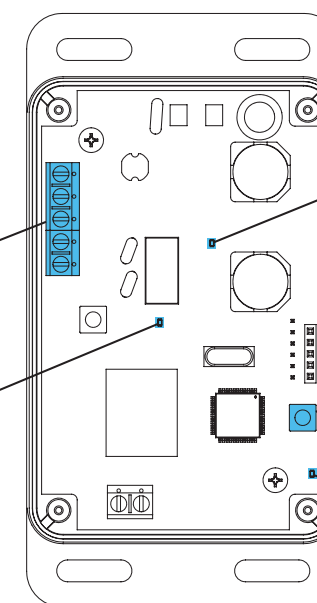
For performing reset procedures
on keypad

Connection Terminals

For wiring to compatible
AC/DC power source and
gate operator or door opener

Relay Status LED

Indicates whether relay is
active or inactive
(Relay active when lit)



Transceiver

Shown with cover removed.
Internal wiring not shown for clarity.

Power LED

Indicates whether or not unit has power

Programming Button

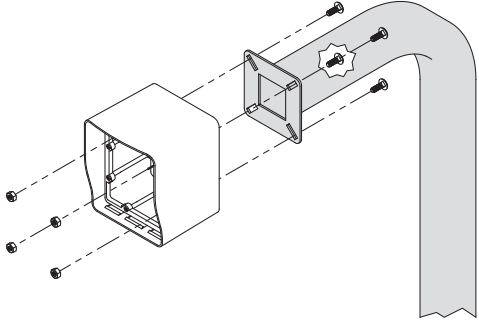
For pairing transceiver to keypad or
resetting transceiver

Programming LED

Indicates status of pairing process

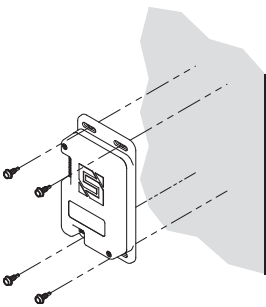
3

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



4

Using Tek screws, zip ties, or other means of securing, attach transceiver to inside wall or other surface inside gate operator.





CAUTION!

The transceiver is not weatherproof and must be mounted inside a weatherproof enclosure. Internal components can be damaged if exposed to the elements.

Failure to comply will VOID WARRANTY.



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!

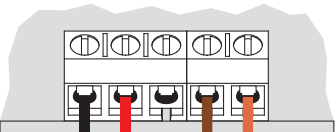
5a

Connect transceiver

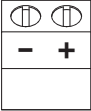
Gate Operator Timer-to-Close OFF

Ridge Transceiver

12-24 VAC/DC POWER RELAY



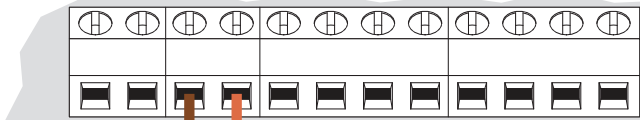
NEG. (-) POS. (+) NC COM NO



12-24-VAC/DC Power Source (Not Included)

Gate Operator / Door Opener

12-24 VAC/DC POWER



POS. (+) NEG. (-) COM RADIO COM FREE EXIT COM REVERSE LOOP COM OPEN STOP CLOSE

Consult gate operator or door opener manual for exact connections.

Terminals vary widely across manufacturers and models.

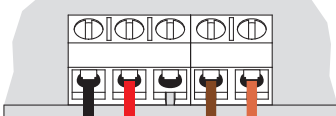
5b

Connect transceiver

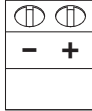
Gate Operator Timer-to-Close ON

Ridge Transceiver

12-24 VAC/DC POWER RELAY



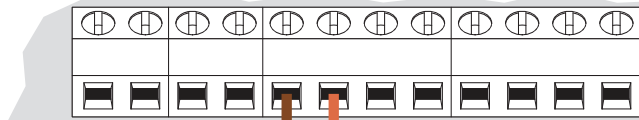
NEG. (-) POS. (+) NC COM NO



12-24-VAC/DC Power Source (Not Included)

Gate Operator / Door Opener

12-24 VAC/DC POWER



POS. (+) NEG. (-) COM RADIO COM FREE EXIT COM REVERSE LOOP COM OPEN STOP CLOSE

Consult gate operator or door opener manual for exact connections.

Terminals vary widely across manufacturers and models.

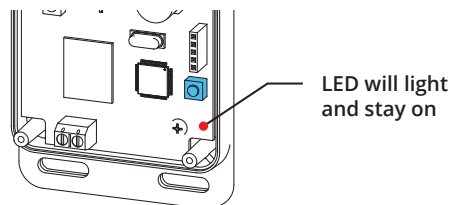


CAUTION!

A closing gate can cause injury to persons or damage to property.

ALWAYS USE SAFETY DEVICES!

- 6a** Remove transceiver cover; then hold down Programming Button on circuit board for 3 seconds and let go.



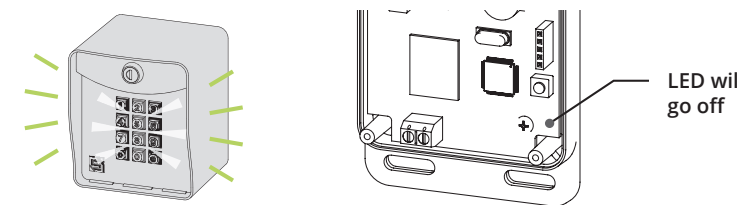
- 6b** Pair keypad unit with transceiver by entering sequence below on keypad.
(Make sure 9-V battery is connected on keypad unit)

1 2 5 1 → 9 → _ *

Master Code (1251 is default) Channel (1 for A, 2 for B)

NOTE: Green arrow indicates “good” tone on keypad unit.

- 6c** While pairing, keypad unit will beep and flash. Once transceiver LED goes off and “good” tone is heard on keypad unit, pairing is complete.



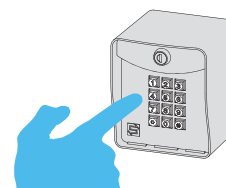
- 7** Add Access Code(s) to Channel A.
(To add multiple codes, enter each of them before pressing pound key)

1 2 5 1 → 1 → _ _ _ _ → #

Master Code (1251 is default) Sub Mode Access Code(s) (4 digits; numbers only)

NOTE: The Master Code is for programming only and will not trigger the relay.

- 8** Make sure gate path is clear; then enter access code on keypad and confirm gate opens.
(If keypad locks up, repeat Step 6)



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 (1251 is default) Sub Mode Code(s) to Be Deleted (4 digits; numbers only)

Set Unique Keypad ID

(This feature is for added security and allows multiple keypad units and transceivers to be used. If Keypad ID is changed, keypad unit and transceiver must be paired again.)

1 2 5 1 → 9 → 5 → _ _ _ _ → #

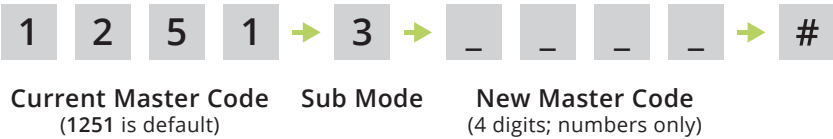
Master Code (1251 is default) Sub Mode Unique Keypad ID (4 digits; numbers only)

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

A2

Additional programming (continued)

Change Master Code



Add Latch Code

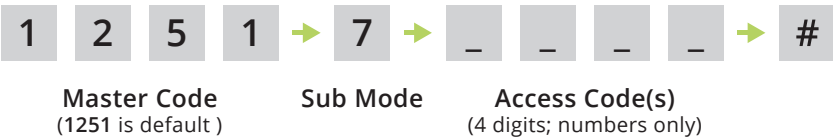


Add One-Time-Use Code (Channel A ONLY)



Add Access Code(s) to Channel B

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



Delete All Codes (Cannot Be Undone)



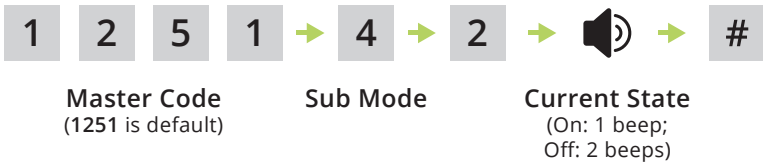
Set Relay Output Time



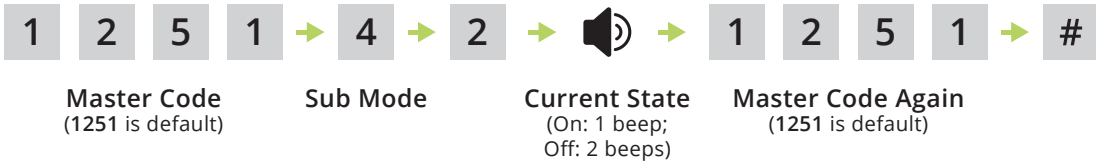
Configure Three Strikes, You’re Out

(This feature is designed to deter unauthorized users who enter an incorrect code three times in a row. When this happens, the keypad unit will sound an alarm for 30 seconds, and then it will go into a period of lockdown for a full 90 seconds.)

Check Status



Toggle On or Off



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



Programming Sub Modes

- | | |
|--|--|
| 1 Add Access Code(s) to Channel A | 8 Add One-Time-Use Code (Channel A) |
| 2 Delete Code(s) | 9 Pairing and Setting Keypad ID |
| 3 Change Master Code | 0 Delete All Codes |
| 4 Configure “Three Strikes, You’re Out” | |
| 5 Add Latch Code | |
| 6 Set Relay Output Time | |
| 7 Add Access Code(s) to Channel B | |

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 in **Section B1**.

B1 Reset Procedures (Keypad Unit)

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

NOTE: Unit must have power.

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 - Remove front panel of keypad unit.

Step 2 - Disconnect battery.

Step 3 - Press and hold Reset Button; reconnect battery; then release Reset Button.
Unit will sound one (1) tone. Release Reset Button after you hear tone.

Step 4 - Press Star key (*) on keypad three (3) times and wait up to 30 seconds.

Step 5 - Reattach front panel onto keypad unit.

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

Unit Reset

(Used to reset unit to factory default settings. The Master Code will be retained.)

IMPORTANT: FOLLOWING THIS PROCEDURE WILL DELETE ALL CODES BUT MASTER CODE!

Step 1 - Remove front panel of keypad unit.

Step 2 - Disconnect battery.

Step 3 - Press and hold Reset Button; reconnect battery; then release Reset Button.
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 Master Code (1251 is default) on keypad. (Unit will beep continuously.)

Step 6 - While unit is beeping, disconnect and reconnect battery.
Unit will then go through power-up procedure.

Step 7 - Reattach front panel onto keypad unit.

The unit is now reset to factory default settings. Follow **Master Reset** to reset Master Code.

B2

Reset Procedure (Transceiver)

IMPORTANT: FOLLOWING THIS PROCEDURE WILL UNPAIR ALL DEVICES (KEYPADS, RTES, AND REMOTES) FROM THIS UNIT!

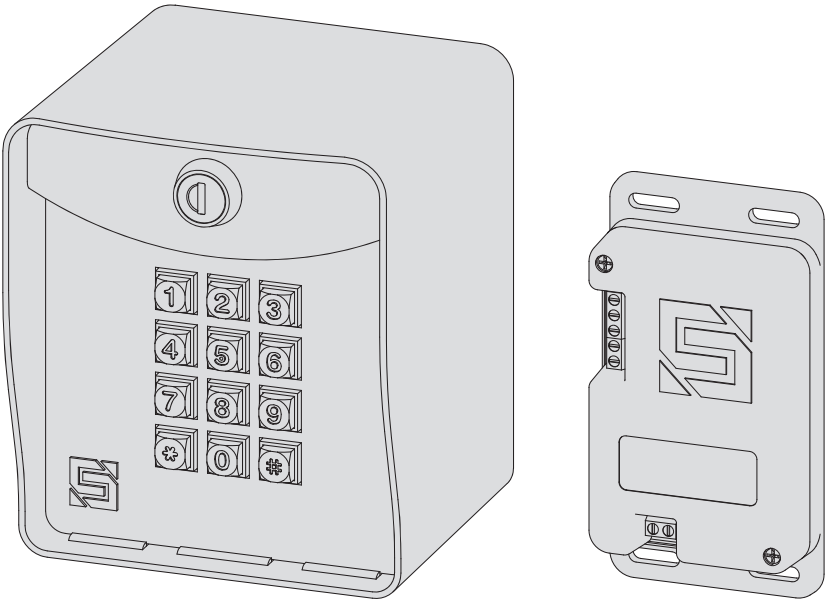
NOTE: Unit must have power.

This procedure is used when there is interference from other devices such as on a circle drive or when two or more neighbors have Ridge products.

- Step 1 - Remove screws and cover from transceiver.
- Step 2 - Press and hold Programming Button.
- Step 3 - After about 15 seconds, release Programming Button.
LED will flash multiple times, indicating reset is in progress. Once complete, LED will go out.
- Step 4 - Press Star key (*) on keypad three (3) times and wait up to 30 seconds.
- Step 5 - Replace cover and secure screws on transceiver.

The transceiver is now reset to factory default settings.

Notes



Ridge
14-500