ASCENT X¹ QUICK START GUIDE

START HERE →

1 **Carefully unpack box.**

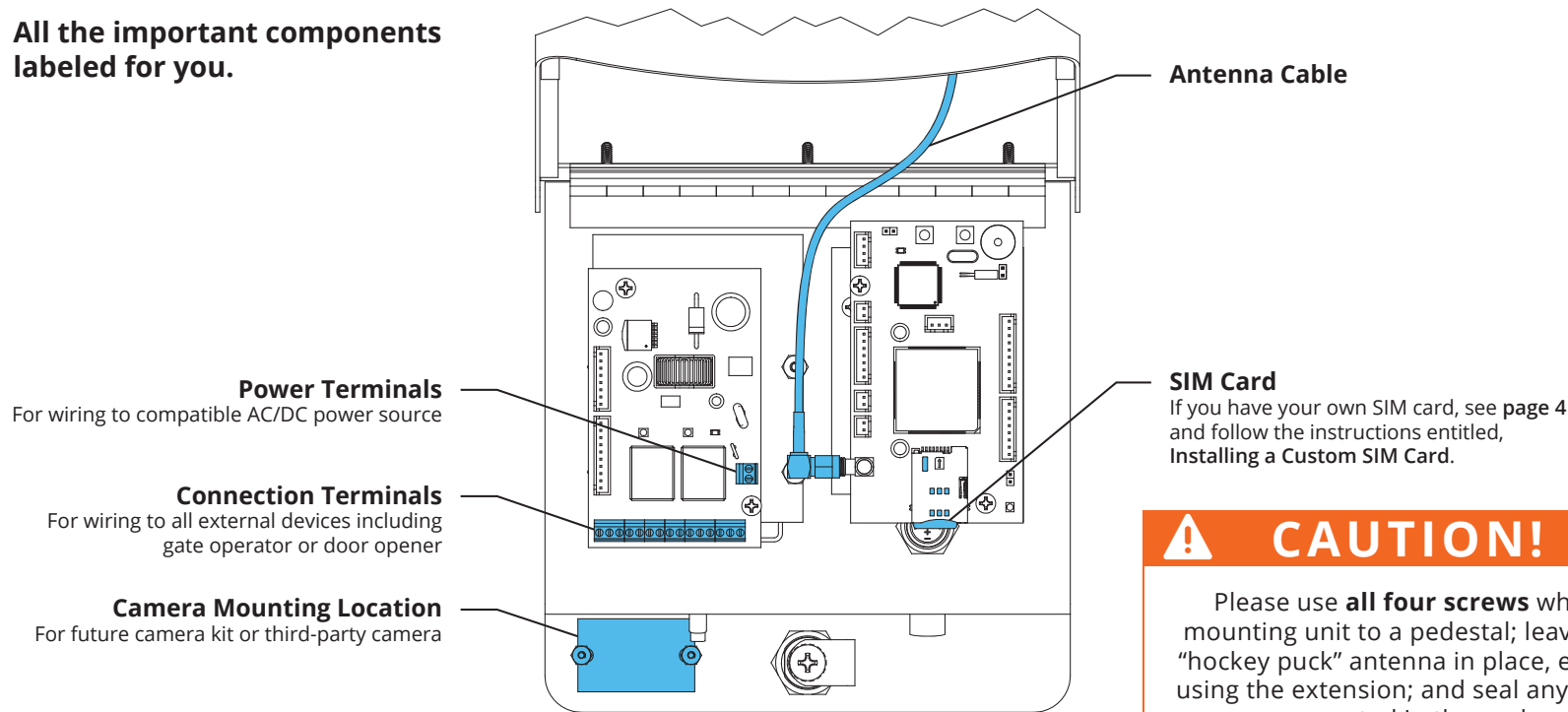**2** **Unlock and open front panel of unit for access to internal components.**

IMPORTANT!

We recommend mounting Ascent on a gooseneck pedestal with the included hardware.

If using alternate mounting, the optional **Ascent 10' Cable Extension** (p/n **16-X-EXT**) should be purchased. Follow the instructions included with the extension before moving on. **Failure to do so may result in no signal!**

Continued on next page...

What's what?
All the important components labeled for you.

Antenna Cable

Power Terminals
For wiring to compatible AC/DC power source

Connection Terminals
For wiring to all external devices including gate operator or door opener

Camera Mounting Location
For future camera kit or third-party camera

SIM Card
If you have your own SIM card, see **page 4** and follow the instructions entitled, **Installing a Custom SIM Card.**

Unit shown with front panel fully open.
Internal wiring not shown for clarity.

⚠ CAUTION!

Please use **all four screws** when mounting unit to a pedestal; leave the "hockey puck" antenna in place, even if using the extension; and seal any holes or gaps created in the enclosure.

Failure to follow these instructions can result in damage to the unit!

IMPORTANT!

Ascent **WILL NOT WORK** until the activation process is **COMPLETE**!

Follow the **Activation Guide** or call **Summit Control** at **(844) 259-8265** to activate your unit.

⚠ WARNING!

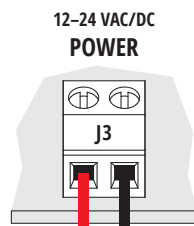**AUTOMATIC GATES CAN CAUSE SERIOUS INJURY OR DEATH!**

ALWAYS CHECK that the **GATE PATH IS CLEAR BEFORE OPERATING**!

Reversing or other safety devices should **ALWAYS BE USED**!
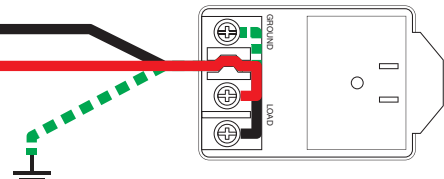
ASCENT X¹ QUICK START GUIDE

3 Connect wires
Feed wires through back of unit and connect as shown.

Ascent Connection Terminals

STATUS | DIGITAL INPUTS | EVENT | RELAY B | RELAY A

| J7 | J8 | J9 | J6 | J5 | J4 |

OPEN | GND | CLOSE | # 1 | GND | # 2 | GND | N/O | GND | N/O | COM | N/C | N/O | COM | N/C

Gate Operator / Door Opener

12–24 VAC/DC POWER

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

Ascent Power Terminals

12–24 VAC/DC POWER

J3

POS. (+) | NEG. (–)

OR

+ −

Third-Party 12–24-VAC/DC Power Source

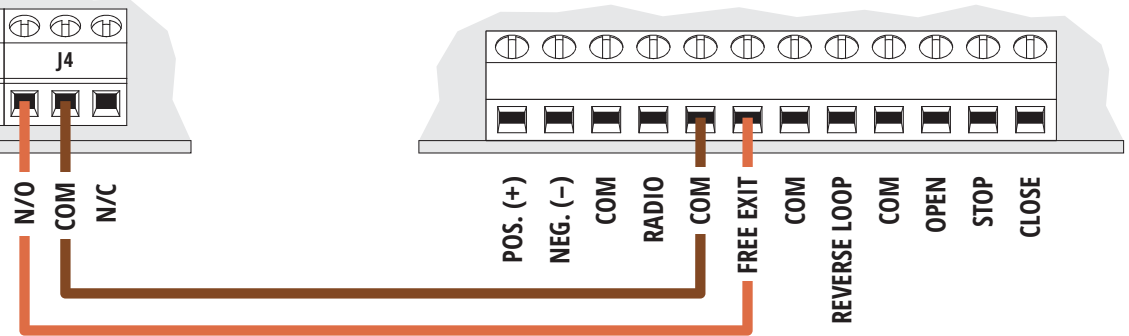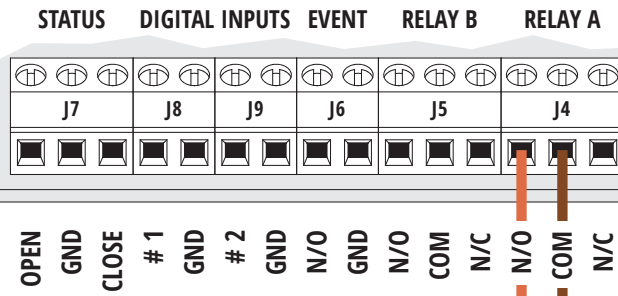**Relay B can be wired to a second device in the same manner.**

GROUND | LOAD | LOAD

Supplied 12-VAC Transformer
The GROUND terminal is optional unless required by local code(s). If using, please connect to earth ground or equivalent.

⚠ CAUTION!

If you will not be using the supplied 12-VAC transformer, please go to **page 4** and follow the procedure, **Using a Third-Party Power Source**.

Do not exceed 24 VAC/DC! Failure to choose a compatible power source can damage unit!

⊘ STOP!

Before proceeding, double check that wiring is correct and unit has power!

For additional wiring options, see **page 3**.

4 Close and lock front panel.

CALL

5 Make sure gate path is clear, then key in temporary code 2012 on keypad and confirm gate opens.

| 2 | 0 | 1 | 2 |

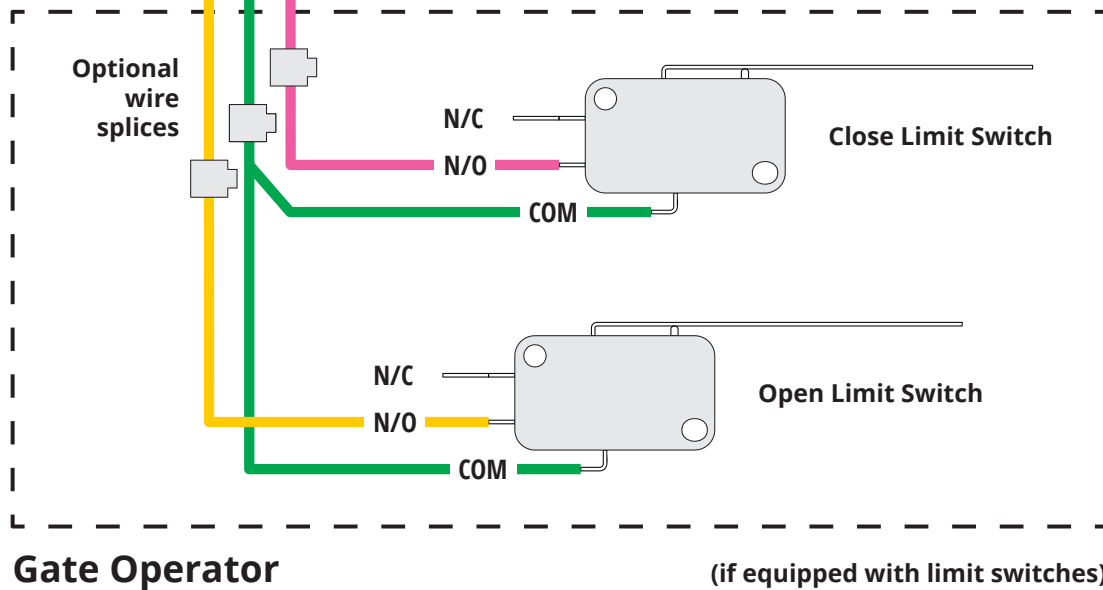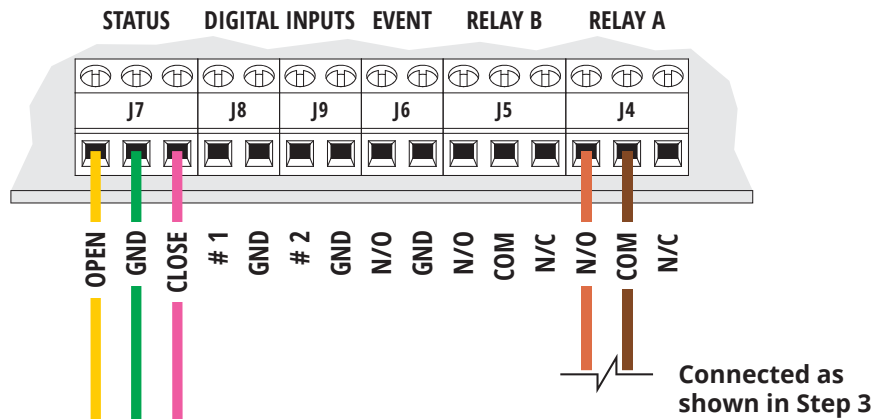Adding and deleting codes is done through Summit Control and **NOT** from the keypad!

✓ INSTALLATION COMPLETE!

Now follow the **Activation Guide** to create an account and begin using Ascent.

ASCENT X¹ **QUICK START** GUIDE

A ## Status Check
Wiring to enable Gate Status Check

Ascent Connection Terminals

| STATUS | DIGITAL INPUTS | EVENT | RELAY B | RELAY A |

J7 | J8 | J9 | J6 | J5 | J4

OPEN | GND | CLOSE | # 1 | GND | # 2 | GND | N/O | GND | N/O | COM | N/C | N/O | COM | N/C

Connected as shown in Step 3

Optional wire splices

N/C
N/O — **Close Limit Switch**
COM

N/C
N/O — **Open Limit Switch**
COM

Gate Operator

(if equipped with limit switches)

B ## Event Input
Wiring for accessories such as a request-to-exit device

Ascent Connection Terminals

| STATUS | DIGITAL INPUTS | EVENT | RELAY B | RELAY A |

J7 | J8 | J9 | J6 | J5 | J4

OPEN | GND | CLOSE | # 1 | GND | # 2 | GND | N/O | GND | N/O | COM | N/C | N/O | COM | N/C

Connected as shown in Step 3
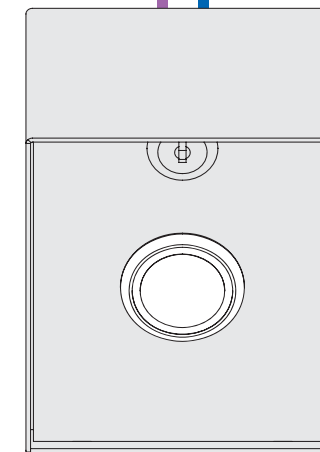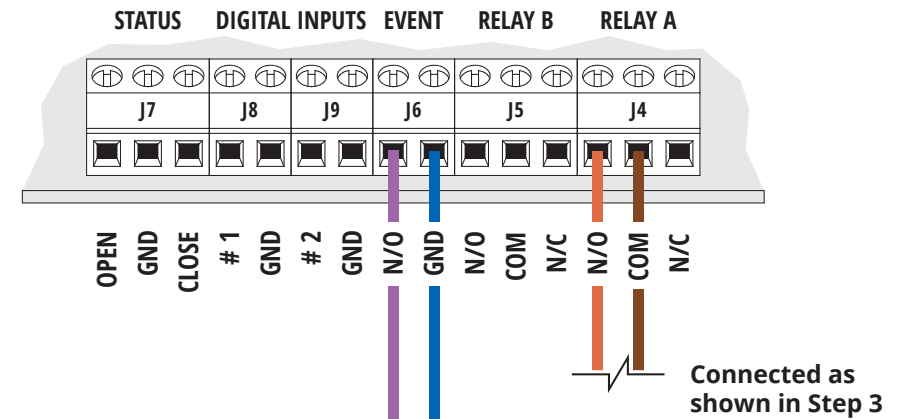
Request-to-Exit
(Summit Access Control S-RTE-P is shown)

ASCENT X¹ QUICK START GUIDE

Using a Third-Party Power Source (Optional)

⊙	**IMPORTANT!**

If you would like to use a third-party power source, such as solar, verify that it conforms to the following specs:

Input	12–24 VAC/DC **no more than 10% under or over**
Current Draw	less than 90 mA @ 12 VDC less than 60 mA @ 24 VDC

3a Connect wires to unit as shown in Step 3.

3b Connect wires to your power source, making sure you connect positive to positive and negative to negative.
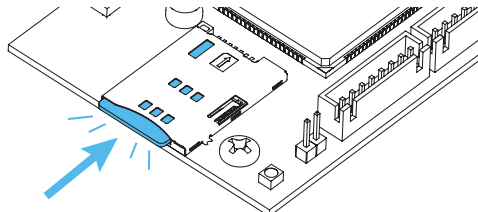
⚠ CAUTION!

Double check that you've wired from positive on Ascent to positive on your power source and negative on Ascent to negative on your power source.
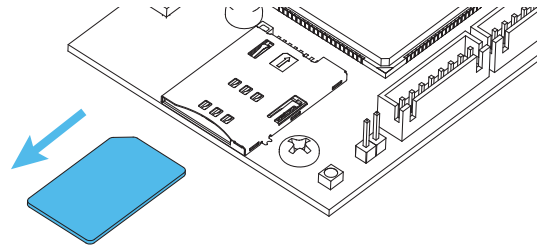
Reverse polarity can damage Ascent!
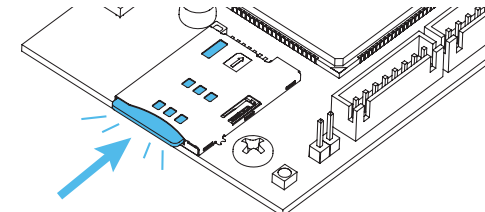
Installing a Custom SIM Card (Optional)

1 Push existing SIM card in until it unlocks with "click" sound.

2 Remove existing SIM card and locate new SIM card.

3 Insert new SIM card until it locks in place with "click" sound.

? NEED HELP

Call us at **(844) 259-8265** or visit **summitcontrol.com/contact**

We are available **Mon–Fri** / **8am–5pm Central**

SECURITY BRANDS INC™
your *partner* in access control