

# ASCENT T<sup>1</sup> QUICK START GUIDE



**1** Carefully unpack box.

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

**! IMPORTANT!**

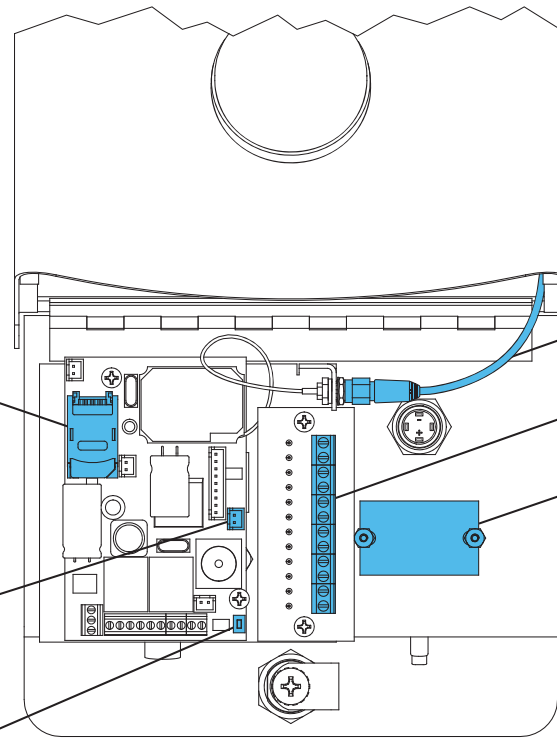
We recommend mounting Ascent T1 on a gooseneck pedestal with the included hardware.

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



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

**Speaker Connector**  
Speaker can be disconnected temporarily if unit is intermittently beeping. This is usually due to a SIM card that is not yet activated.

**Reset Button**  
For performing hard reset

**Antenna Cable**

**Terminal Block**  
For wiring to gate operator or door opener

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

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!**

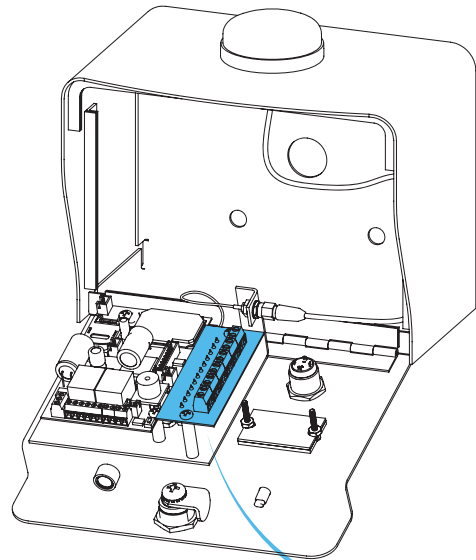
**AUTOMATIC GATES CAN CAUSE SERIOUS INJURY OR DEATH!**

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

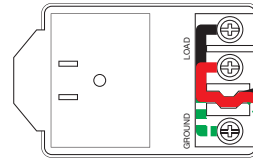
Reversing or other safety devices should **ALWAYS BE USED!**

## 3 Connect wires

Feed wires through back of unit and connect as shown.

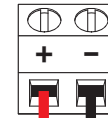


### Supplied 12-VAC Transformer

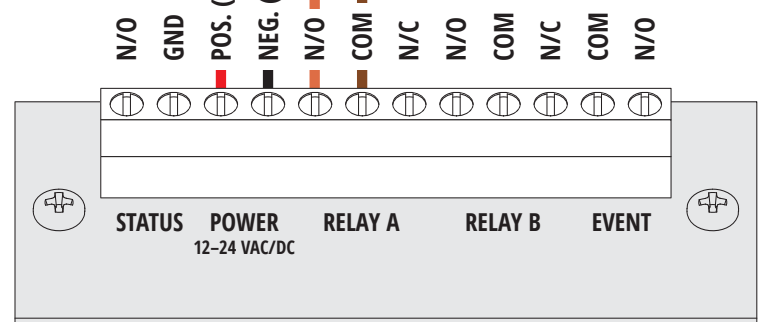


**NOTE:** The GROUND terminal is optional unless required by local code(s). If using, please connect to earth ground or equivalent.

### Third-Party 12-24-VAC/DC Power Source

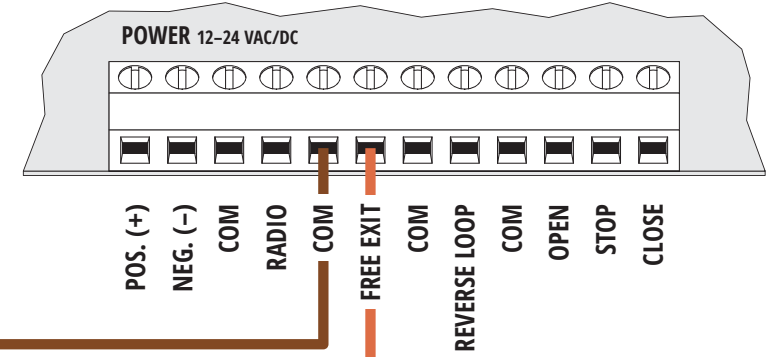


OR



Ascent T1 Terminal Block

### Gate Operator / Door Opener



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

**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**.

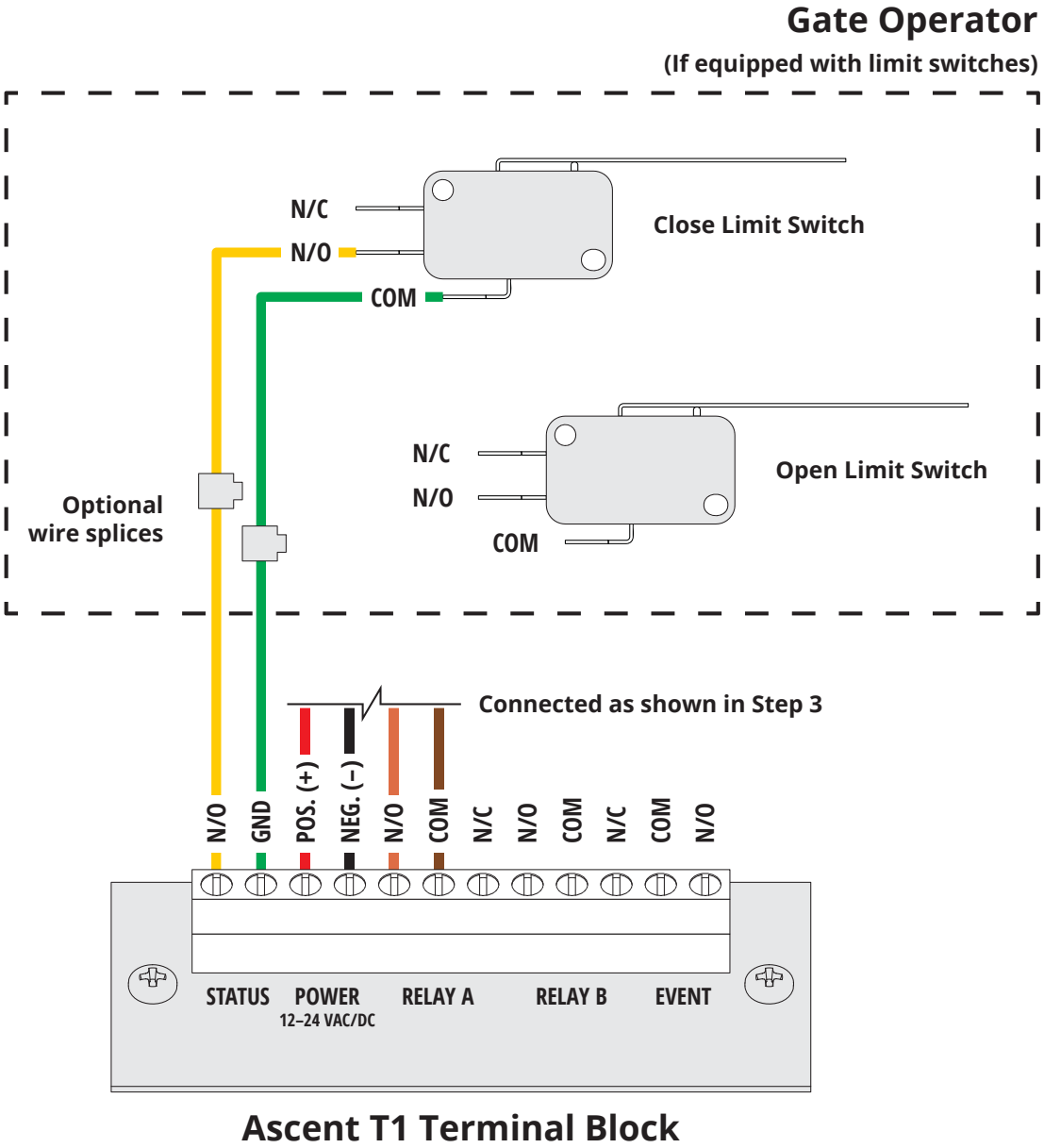
**4** Close and lock front panel.

**INSTALLATION COMPLETE!**

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

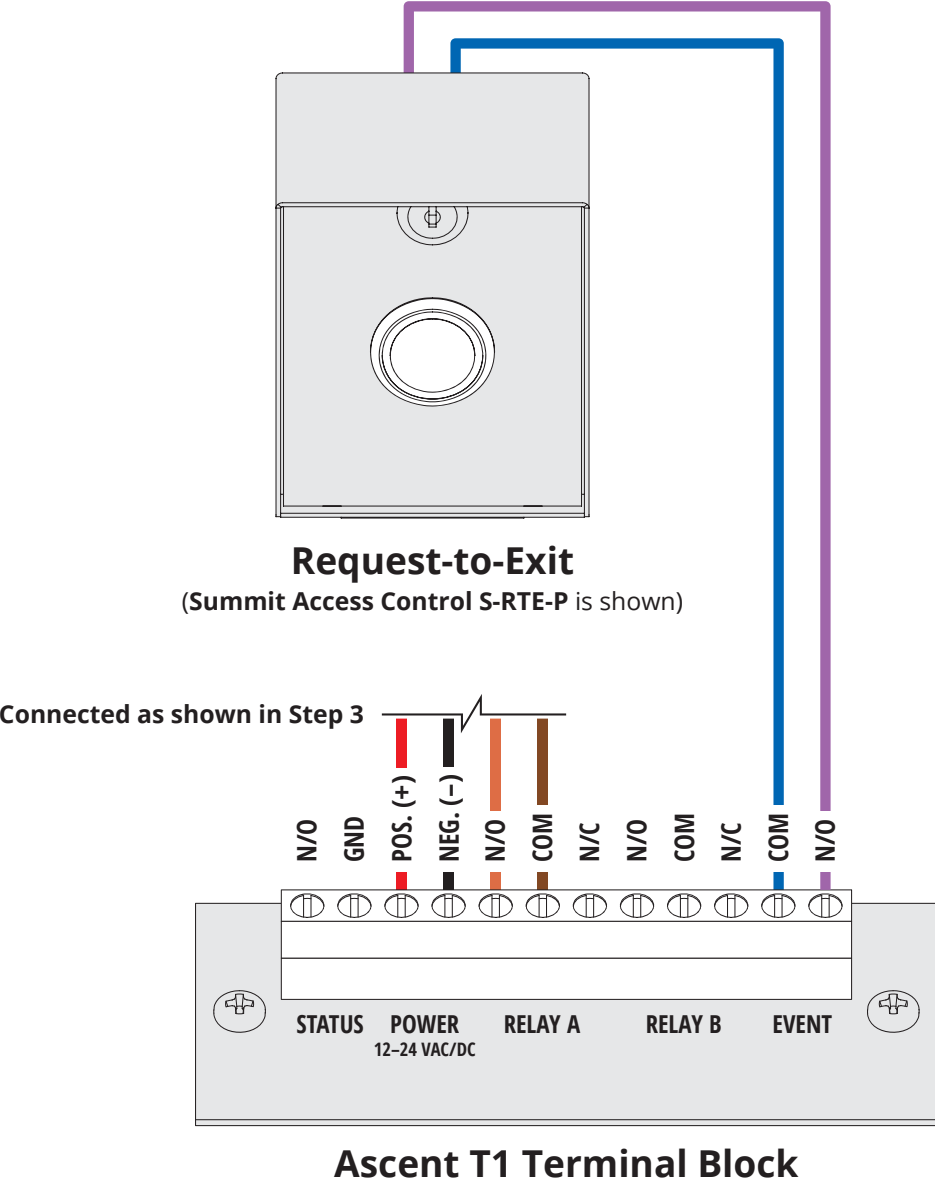
## A Status Check

Wiring to enable Gate Status Check



## B Event Input

Wiring for accessories such as a request-to-exit device



## 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:

<b>Input</b>	12–24 VAC/DC no more than 10% under or over
<b>Current Draw</b>	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.

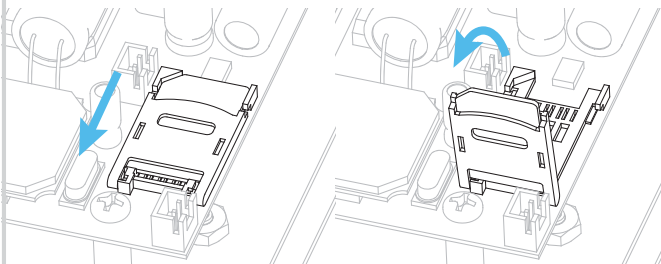
**⚠ CAUTION!**

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.

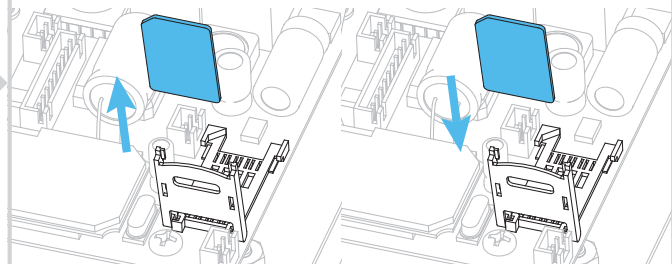
**Reverse polarity can damage Ascent!**

## Installing a Custom SIM Card (Optional)

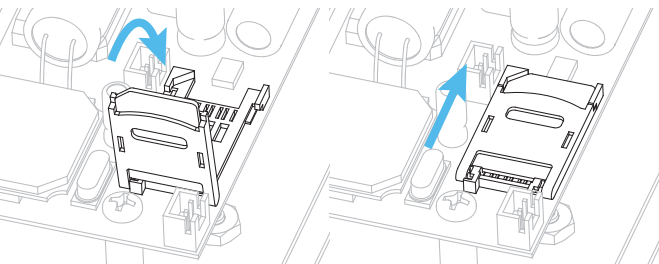
**1** Slide SIM card holder in OPEN direction and lift to swing open.



**2** Remove existing SIM card and install new SIM card.



**3** Swing cover back down completely and slide in CLOSE direction to lock.



**? NEED HELP**

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

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