

START HERE

1 Carefully unpack box and make sure you have all items shown here. (Screwdriver not shown)



Ascent Unit



12-V AC/DC Adapter
(PS-12DC1)



Key



Carriage Bolt
(4x)



Hex Nut
(4x)

! IMPORTANT!

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

Follow the **Activation Guide** or call **Summit Control** at **(972) 474-6422** to activate your unit.

! STOP!

This is a cellular accessory for a gate/door, so an uninterrupted cellular connection **CANNOT BE GUARANTEED.**

An emergency egress or primary entry mechanism **SHOULD ALWAYS BE USED** (transmitter, fire box, mechanical release). Consult with your dealer, distributor, and/or system designer for more information.

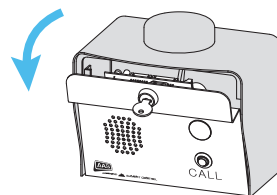
! WARNING!

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!**

2 Unlock and open front panel of unit for wiring and setup.



Continued on next page...

What's what?

Important components labeled

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

Antenna Cables

Power Terminals

For wiring to compatible AC/DC power source

SIM Card

Relay Status LEDs

Relay is active when lit.

Connection Terminals

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



CAUTION!

Please use **all four screws** when mounting unit to pedestal. Leave "hockey puck" antenna in place, even if using extension. Seal any holes or gaps created in unit enclosure.

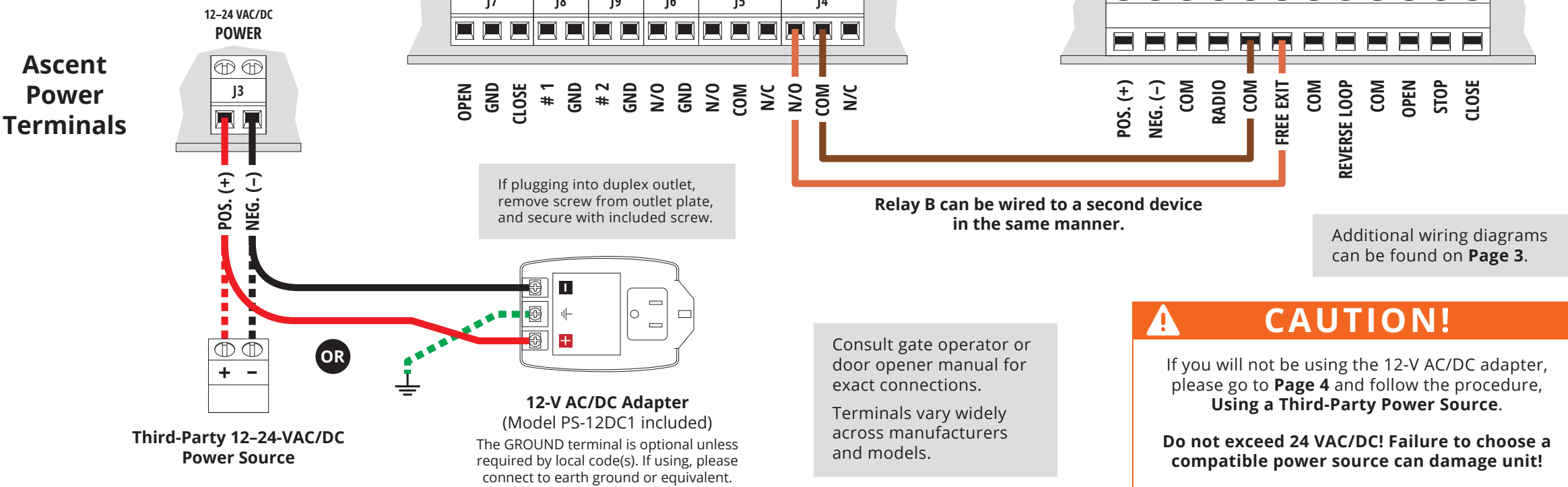
Failure to follow instructions can damage unit!

3

Connect wires

Feed wires through back of unit and connect as shown using included screwdriver.

Excessive force can damage unit.



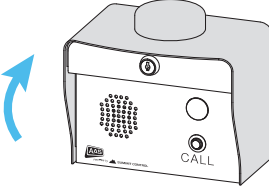
STOP!

Before going forward, double check wiring and ensure unit has power!

For additional wiring options, see Page 3.

4

Close and lock front panel.





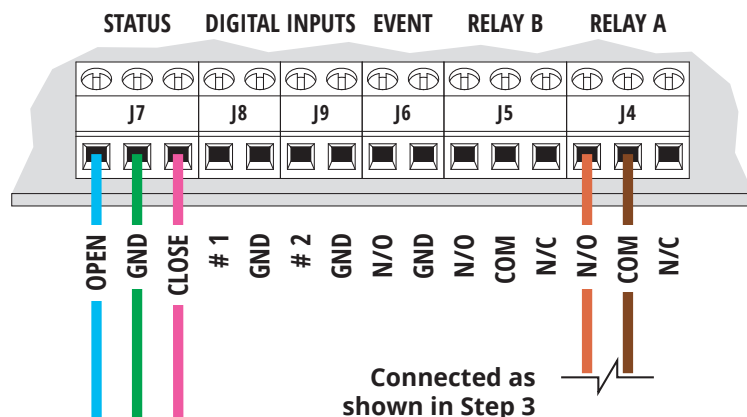
INSTALLATION COMPLETE!

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

A Status Check

Wiring to enable Gate Status Check

Ascent Connection Terminals



CAUTION!

The Status Terminals are designed for low voltage (**3 V or less**). Check the voltage on your status wires before connecting. If it is above 3 V, you will need to contact **Technical Support**.

Exceeding 3 V can damage unit!

IMPORTANT!

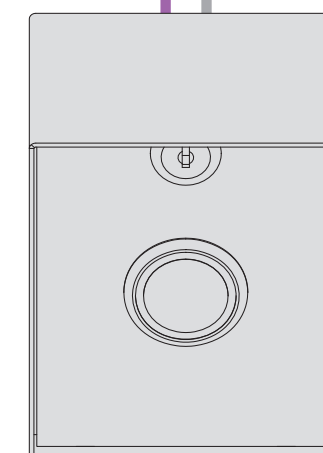
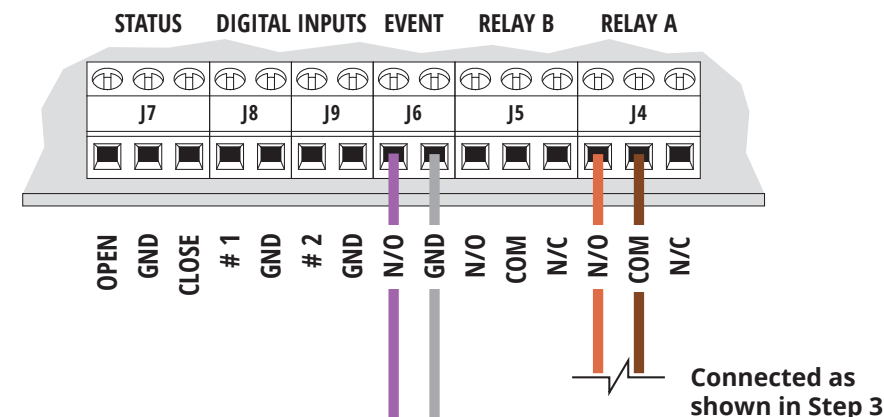
Gate Status Check **WILL NOT WORK** with a decoder!

YOU MUST USE A DRY CONTACT!

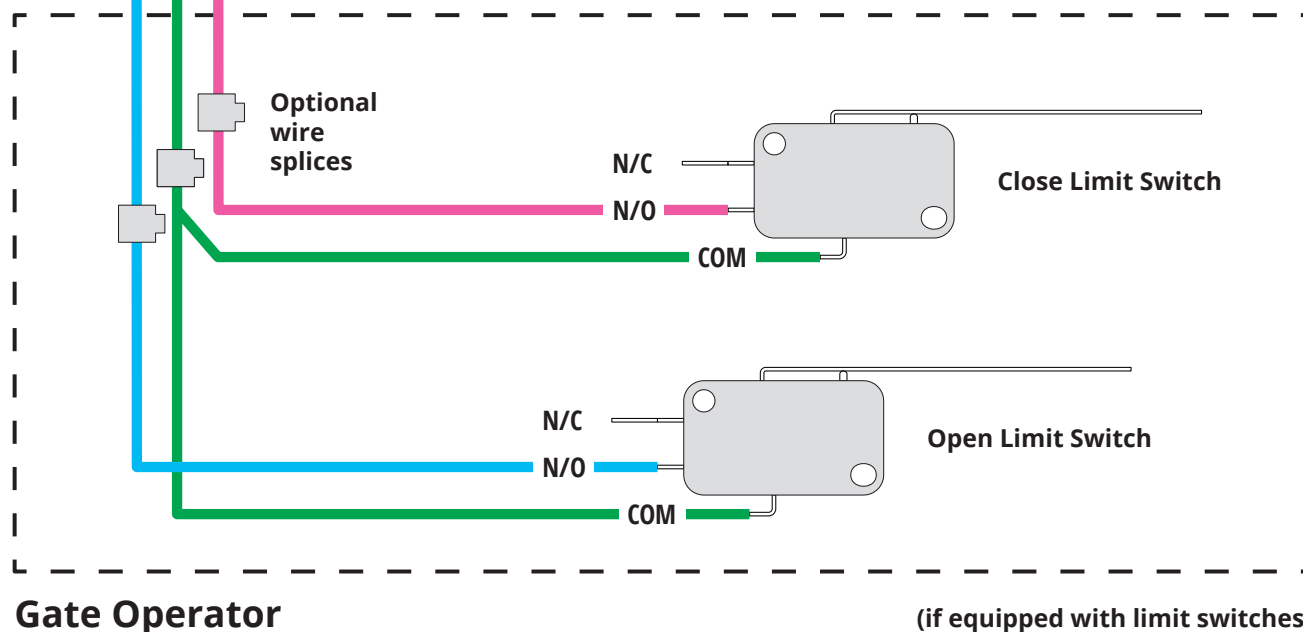
B Event Input

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

Ascent Connection Terminals



Request-to-Exit
(58-RTE-P is shown)



Model 16-T1

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% beyond this range
Current Draw	less than 260 mA @ 12 VDC less than 160 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 unit!

**IMPORTANT!**

We recommend mounting Ascent inside the gate operator or other weatherproof enclosure when possible.

If mounting inside a metal enclosure, the **4G LTE Antenna Extension Kit (p/n 16-ANTX-1)** should be purchased and installed.

Failure to do so may result in no signal!



NEED HELP

Call (972) 474-6422

Email support@summitcontrol.com

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



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