ASCENT X1 QUICK START GUIDE

Model **16-X1**

START HERE

1 Carefully unpack box and make sure you have all items shown below.

Ascent Unit

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

Key

Carriage Bolt (x4)

Hex Nut (x4)

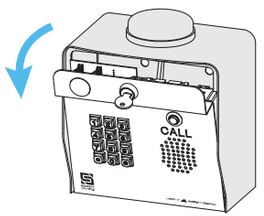
IMPORTANT!

We recommend mounting Ascent on a gooseneck pedestal using included hardware.

If using alternate mounting, two (2) **Ascent 10' Cable Extension (p/n 16-X-EXT)** products should be purchased and installed.

Failure to do so may result in NO SIGNAL!

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



Continued on next page...

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!

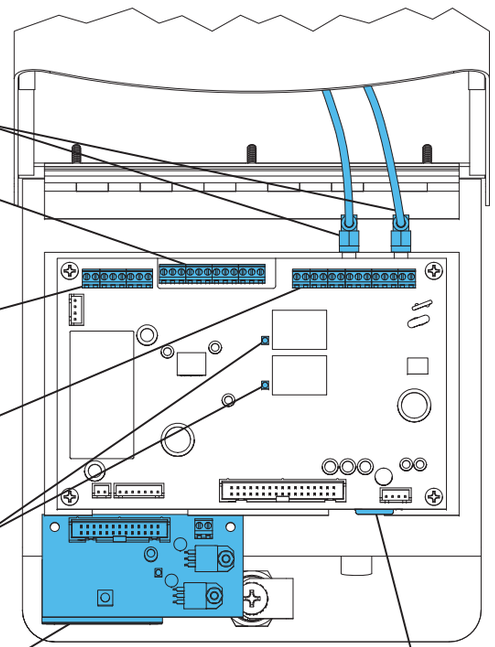
ALWAYS CHECK that the **GATE PATH IS CLEAR BEFORE OPERATING**!

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

What's what?

Important components labeled

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



Antenna Cables

Wiegand Device Terminals
For wiring to Wiegand-compatible devices. See **summitcontrol.com/resources**.

Status and Event Terminals
For wiring to check gate status and for request-to-exit devices. See **Page 3**.

Power and Relay Terminals
For wiring to power and gate operator and/or door opener. See **Page 2**.

Relay Status LEDs
Relay is active when lit

Ascent Camera
For automatic and on-demand photo capture

SIM Card
If you have your own SIM card, see **Page 4** and follow the instructions entitled, **Installing a Third-Party SIM Card**.

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 these instructions can result in damage to the unit!

ASCENT X1 QUICK START GUIDE

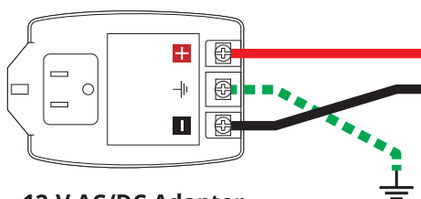
Model **16-X1**

3 Connect wires

Feed wires through back of unit and connect as shown.

Additional wiring diagrams can be found on **Page 3**.

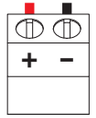
If plugging into duplex outlet, remove screw from outlet plate, and secure with included screw.



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

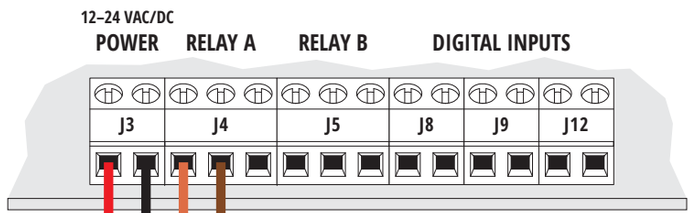
The GROUND terminal is optional unless required by local code(s). If using, please connect to earth ground or equivalent.

OR



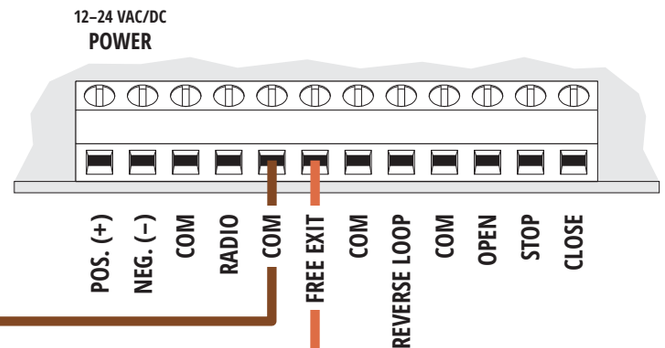
Third-Party 12–24-VAC/DC Power Source

Ascent Power and Relay Terminals



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

Gate Operator / Door Opener



Consult gate operator or door opener manual for exact connections.

Terminals vary widely across manufacturers and models.

CAUTION!

If you will not be using the 12-V AC/DC adapter, please go to **Page 4** and follow the procedure, **Using a Third-Party Power Source**.

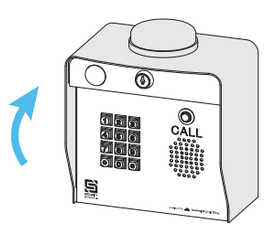
Do not exceed 24 VAC/DC! Failure to choose a compatible power source can damage unit!

STOP!

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

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

4 Close and lock front panel.



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.

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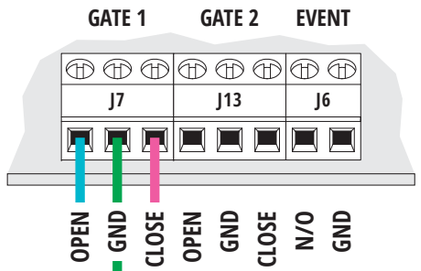
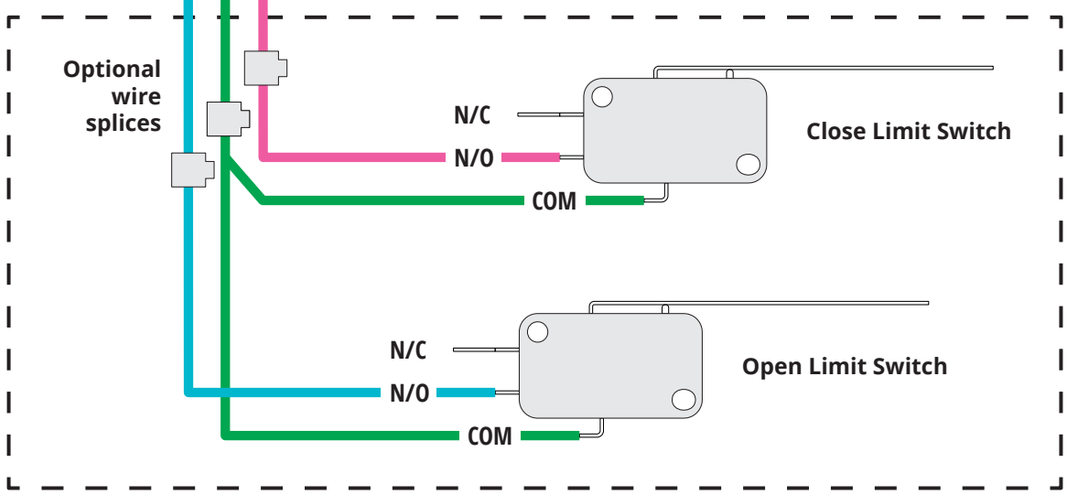
A Status Check

Wiring to enable Gate Status Check

Ascent Status and Event Terminals





Gate Operator

(if equipped with limit switches)

⚠ CAUTION!

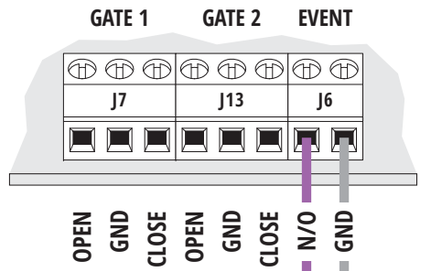
The Status Terminals are designed for low voltage (**3 V or less**). Check the voltage on your status wires before connecting. If it is above 3 V, you will need to contact **Technical Support**.

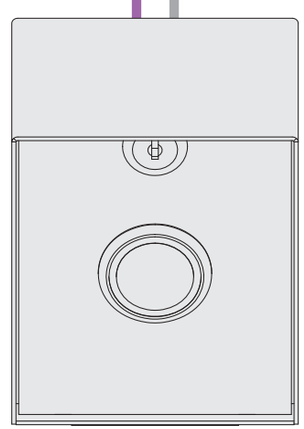
Exceeding 3 V can damage Ascent!

B Event Input

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

Ascent Status and Event Terminals





Request-to-Exit

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

ASCENT X1 QUICK START GUIDE

Model **16-X1**

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 190 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.**

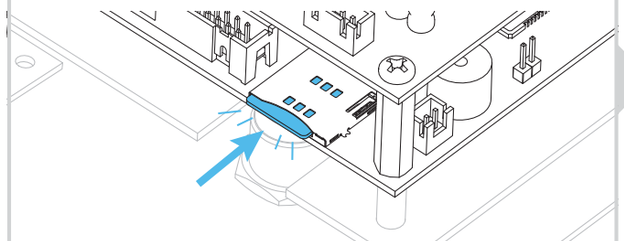
CAUTION!

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.

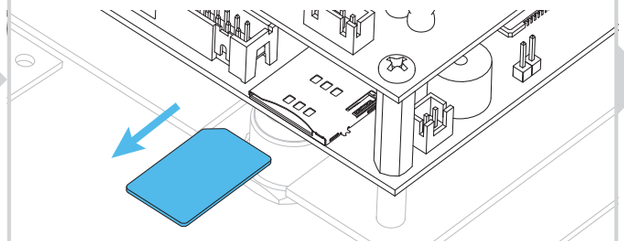
Reverse polarity can damage Ascent!

Installing a Third-Party SIM Card (Optional)

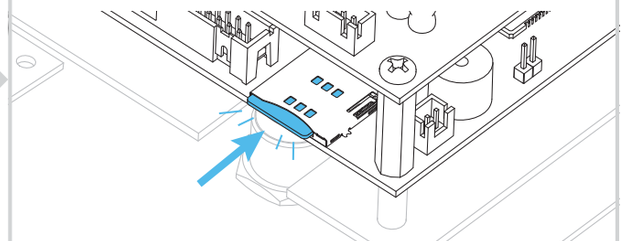
1 **Push existing SIM card in until it unlocks with "click" sound.**



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 **(844) 259-8265**
Email **support@summitcontrol.com**

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

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