

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



**1** Carefully unpack box.

**2** Open front cover of Ascent C1 for access to internal components

**! IMPORTANT!**

We recommend mounting Ascent C1 inside the gate operator or other weatherproof enclosure when possible.

If mounting inside a metal enclosure, an **Ascent 10' Cable Extension (p/n 16-X-EXT)** is required. Follow the instructions included with the cable extension before moving on.

**3** **Connect wires**  
Loosen cable gland locknut, feed wires through, and connect wires as shown.

**Ascent C1 Terminal Block**

**Gate Operator / Door Opener**

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

Antenna not shown for clarity.

Supplied 12 VAC Transformer

Third-Party 12-24 V AC/DC Power Source

**! CAUTION!**

If you will not be using the supplied 12 VAC transformer, please go to **page 2** and follow the procedure, **Using a Third-Party Power Source**.

**Do not exceed 24 V! Failure to choose a compatible power source can damage unit!**

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**4** Tighten cable gland locknut; then replace and secure front cover

**IMPORTANT!**

After connecting to power and waiting a few minutes, check that the red LED is lit.

If it is not lit, please contact us at [summitcontrol.com/contact](http://summitcontrol.com/contact)

**INSTALLATION COMPLETE!**

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

## 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 / VDC must be within $\pm 10\%$
Current Draw	less than 100 mA @ 12 VDC less than 75 mA @ 24 VDC

**3a** Connect wires to Ascent C1 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 C1 to positive on your power source and negative on Ascent C1 to negative on your power source.

**Reverse polarity can damage Ascent!**

## Installing Custom SIM Card (Optional)

**1** Locate supplied SIM card and press in to unlock it for removal

**2** Remove SIM card

**3** Insert new SIM card and press firmly to lock into place

