INSTALL GUIDE | ΛSCENT linkKEYPAD

START HERE ➤

1
Unpack box and make sure you have all items shown here.

Keypad Unit	Key	Carriage Bolt (4x)	Hex Nut (4x)	Screwdriver

2
Unlock and open unit faceplate for mounting, wiring, and setup.

⚠ IMPORTANT ⚠

This Ascent unit **WILL NOT WORK** without an Ascent primary controller (not included)!

If you need help or have any questions, please contact **Summit Control** at **(972) 474-6422**.

⚠ IMPORTANT ⚠

This Ascent Link unit is a 900-MHz device designed to work well **up to 1,000 feet.**

If you need greater range, you will need to purchase an **Ascent Link Extend (37-LE1)**.

We also offer the **Ascent Link 1,000-Foot Starter Kit (37-STAK2)** with all you need to connect your Ascent cellular unit as well as an Ascent Link Extend.

3
Match DIP switches on keypad unit with DIP switches on primary unit to get units ready for pairing.
(Default is 1 off, 2 on, 3 on, 4 off.)

ON 1 2 3 4 = ON 1 2 3 4

⚠ STOP ⚠

This is a cellular accessory for a gate or door. 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.

⚠ IMPORTANT ⚠

To connect unit for Relay Control, go to **Step A4**.

To connect unit for Wiegand Control, go to **Step B4**.

What's what?

All important components labeled

Reset Button
For reset procedures. Scan **QR code on next page** for instructions.

Relay Terminals
For wiring to gate operator, mag lock, or strike. See **Page 2.**

Digital Input Terminals
For connecting accessory devices. Scan **QR code on next page** for wiring instructions.

Wiegand Terminals
For wiring to Wiegand devices. See **Page 2.**

Power Terminals
For wiring to power. See **Page 2.**

DIP Switches
For pairing with primary unit. See **Page 2.**

Power Indicator LED

Network Status LED
Status indicated by color:
Blue - connected to primary unit
Magenta (solid) - connected to Link unit but not primary unit
Magenta (flash) - no connection

Relay Status LED
Relay is active when lit

Ascent Link Keypad
(37-LK1)

Unit shown with faceplate fully open. Internal wiring not shown for clarity.

⚠ 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!

? NEED HELP

Call **(972) 474-6422**
Email **support@summitcontrol.com**

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

FLIP PAGE TO CONTINUE ➤

INSTALL GUIDE | ASCENT linkKEYPAD

A4 Connect to relay.

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

Consult gate opener manual for exact connections.

Terminals vary widely across manufacturers/models.

Use QR code on this page for additional wiring diagrams.
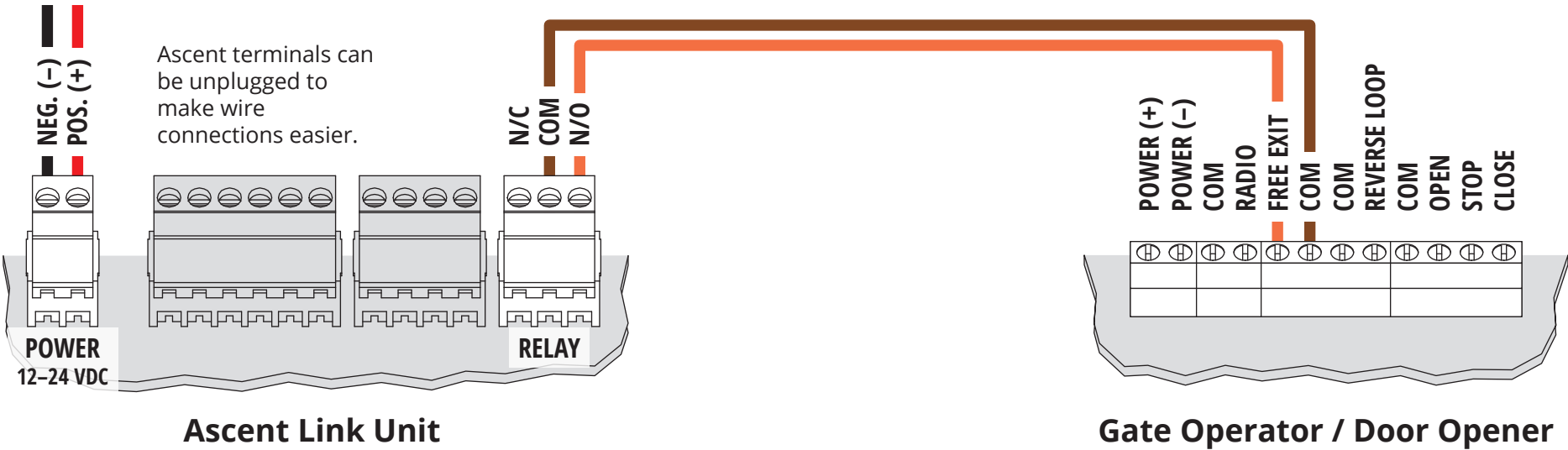
⚠ CAUTION ⚠

When connecting a power supply, remember to connect positive to positive and negative to negative to avoid damage.

Reversing polarity can damage the unit and void the warranty!

We recommend using 18-gauge stranded wire for all connections.

Suitable 12-VDC Power Supply (not included)

Ascent terminals can be unplugged to make wire connections easier.

NEG. (−) POS. (+)

N/C COM N/O

POWER (+) POWER (−) COM RADIO FREE EXIT COM COM REVERSE LOOP COM OPEN STOP CLOSE

POWER 12–24 VDC

RELAY

Ascent Link Unit

Gate Operator / Door Opener

OR

B4 Connect to Wiegand.

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

These terminals are used to connect a Wiegand device such as a card reader or Wiegand keypad.
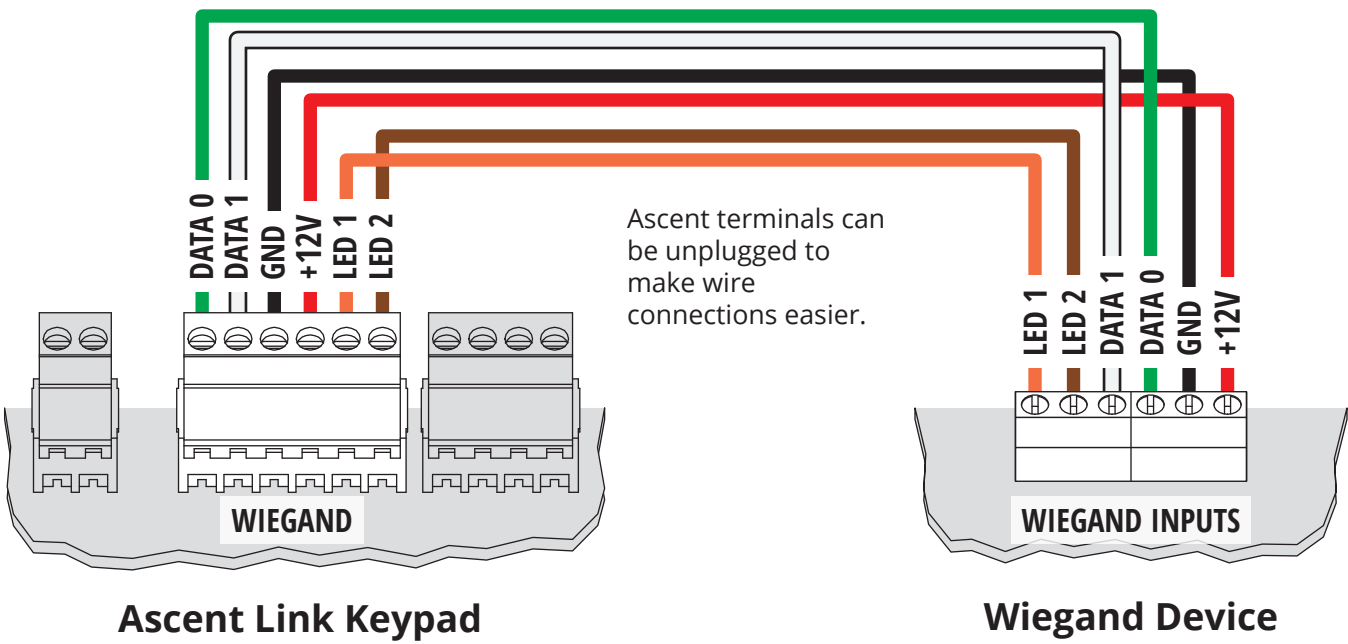
⚠ CAUTION ⚠

Disconnect power before connecting Wiegand devices.
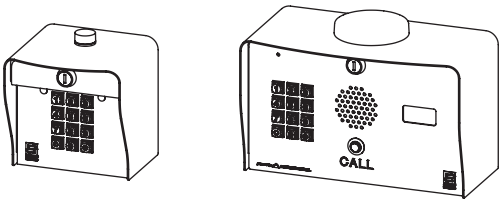
Failure to disconnect power can damage the unit!

Need More?

Use the QR code below to get access to more resources, including how-to videos and additional wiring diagrams for connecting accessory devices, as well as information on pairing.

DATA 0 DATA 1 GND +12V LED 1 LED 2

Ascent terminals can be unplugged to make wire connections easier.

LED 1 LED 2 DATA 1 DATA 0 GND +12V

WIEGAND

WIEGAND INPUTS

Ascent Link Keypad

Wiegand Device

5

Confirm primary and Ascent Link units have power, and then scan QR code for help completing pairing process.

Ascent Link Unit   **Primary Unit**

Ascent Link Keypad LEDs provide visual feedback to help you pair your units:

5 Blue - connected to primary unit

5 Magenta (solid) - connected to Link unit but not primary unit

5 Magenta (flash) - no connection
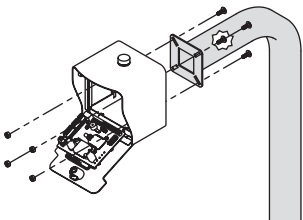
⚠ CAUTION ⚠

Use all four carriage bolts when mounting the unit to a pedestal.

Seal any openings created in the enclosure.

Failure to follow these instructions can damage the unit!

6

After pairing, mount unit to pedestal using included mounting hardware. (This step may be completed later.)

✓

INSTALLATION COMPLETE!

If paired, your Ascent Link is ready to use.