Linear

Linear Smart Wi-Fi Wall Station (HAE00072)

Programming / Installation Instructions

This Wi-Fi wall station allows direct operation of the door operator and light using the buttons. When connected to your local wireless access point, you can check status, get notifications, open or close the door, and manage user access from any location via the Linear Android or iOS app.
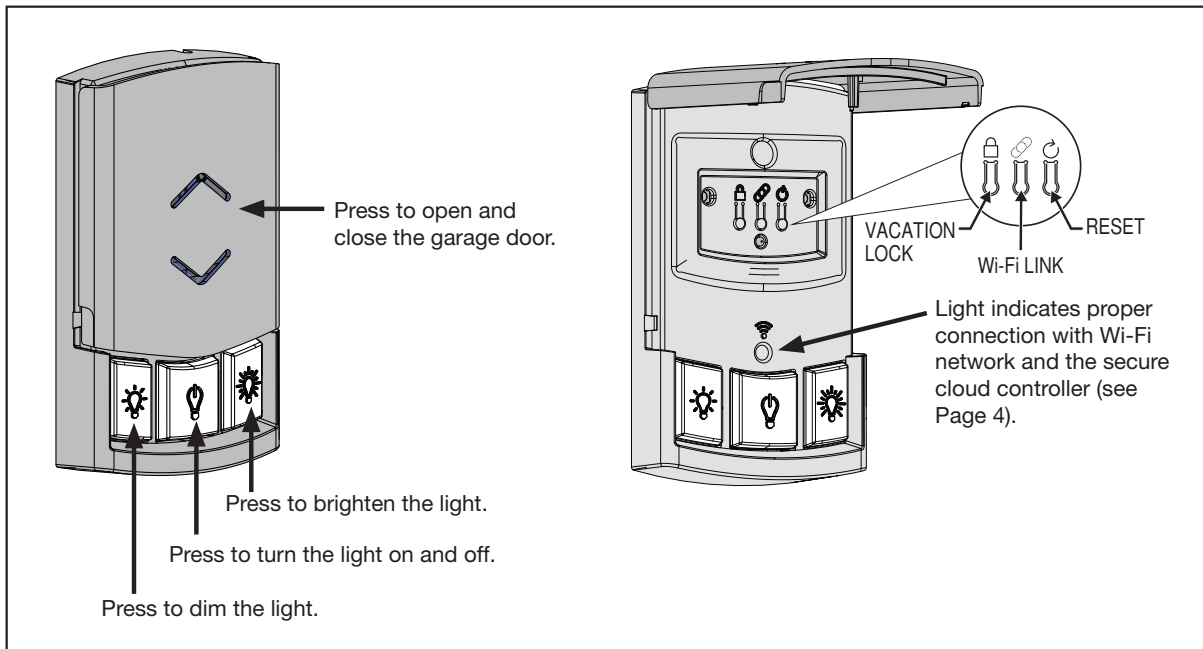
Requirements

To use with the app you will need:
- a Wi-Fi network with internet connectivity
- a strong Wi-Fi signal in the garage where you are installing the wall station
- an Android or iOS smartphone or tablet.

See page 5 for instructions on downloading and installing the Linear garage door app.

Wi-Fi Wall Station Functions

Press to open and close the garage door.

Press to brighten the light.

Press to turn the light on and off.

Press to dim the light.

VACATION LOCK

Wi-Fi LINK

RESET

Light indicates proper connection with Wi-Fi network and the secure cloud controller (see Page 4).
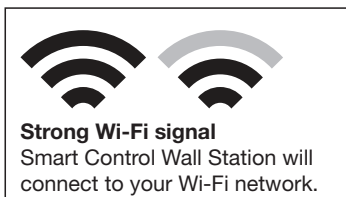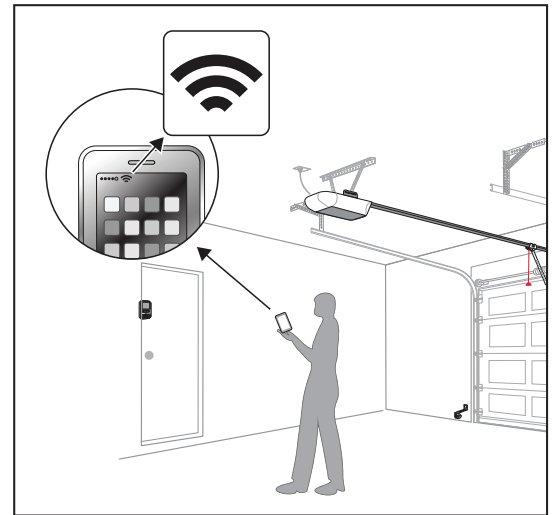
Installing the Wi-Fi Wall Station

Test Wi-Fi Signal Strength

Before you affix the Wi-Fi wall station to the wall, survey your location to check the Wi-Fi signal. To do this, take your smart phone or tablet, connect it to your Wi-Fi network and then place your device on the wall where you want to attach the wall station.

If you have 2 or 3 bars on your device for the Wi-Fi network, the signal is strong and you can proceed. If not, use one of these options to extend your Wi-Fi network's range.

• Move your Wi-Fi router closer to the garage.

• Purchase a Wi-Fi range extender.

Strong Wi-Fi signal
Smart Control Wall Station will connect to your Wi-Fi network.

Weak Wi-Fi signal
Smart Control Wall Station may not connect to your Wi-Fi network.

No Wi-Fi signal
Smart Control Wall Station will not connect to your Wi-Fi network.

The Wi-Fi wall station must receive a strong signal from your home's Wi-Fi router to work.

Choose Placement of Wall Station

The wall station is typically mounted inside the garage on the wall adjacent to the door into the house. Wall station can be mounted in any convenient place on a drywall-covered wall with wood studs and filled with blown-in or batt insulation.
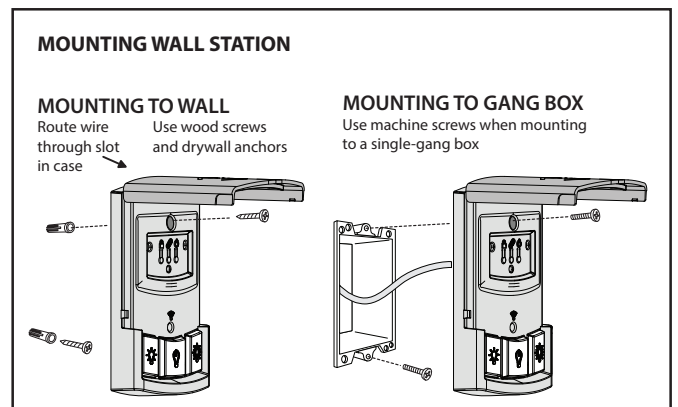
If possible, avoid affixing the wall station:

• to solid brick or concrete walls

• to metal studs or walls with metal inside

• on top of or near AC electrical lines.

Mount wall station at least 5 feet above floor level
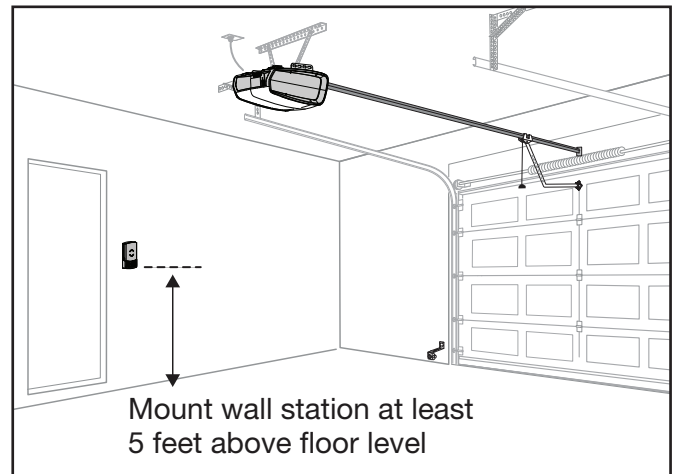
Mount Wall Station

Follow the instructions in the diagram to the right.

See page 3 to connect the wall station to your mobile device through the Linear app.

MOUNTING WALL STATION

MOUNTING TO WALL
Route wire through slot in case

Use wood screws and drywall anchors

MOUNTING TO GANG BOX
Use machine screws when mounting to a single-gang box

IMPORTANT

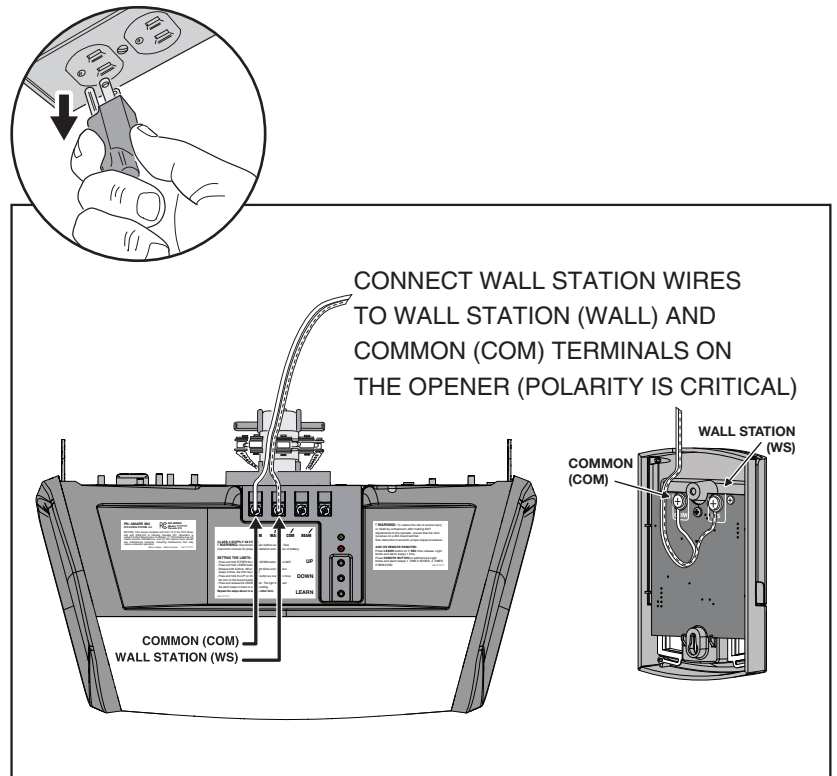Wire polarity is critical with the Wi-Fi wall station.

Wire the Wall Station

Always unplug the opener head unit's AC power cord before wiring or repositioning the wall station!

Connect the wall station to the garage door opener head unit using either the supplied or pre-existing wires.

Use the wire that has a mark to connect the COMMON (COM) terminals. Make sure that you connect the COM terminal on the wall station to the COM terminal on the garage door opener head unit.

Next, connect the WALL STATION (WS) terminal on the wall station to the WALL STATION (WALL) terminal on the garage door opener head unit.

CONNECT WALL STATION WIRES TO WALL STATION (WALL) AND COMMON (COM) TERMINALS ON THE OPENER (POLARITY IS CRITICAL)

WALL STATION (WS)
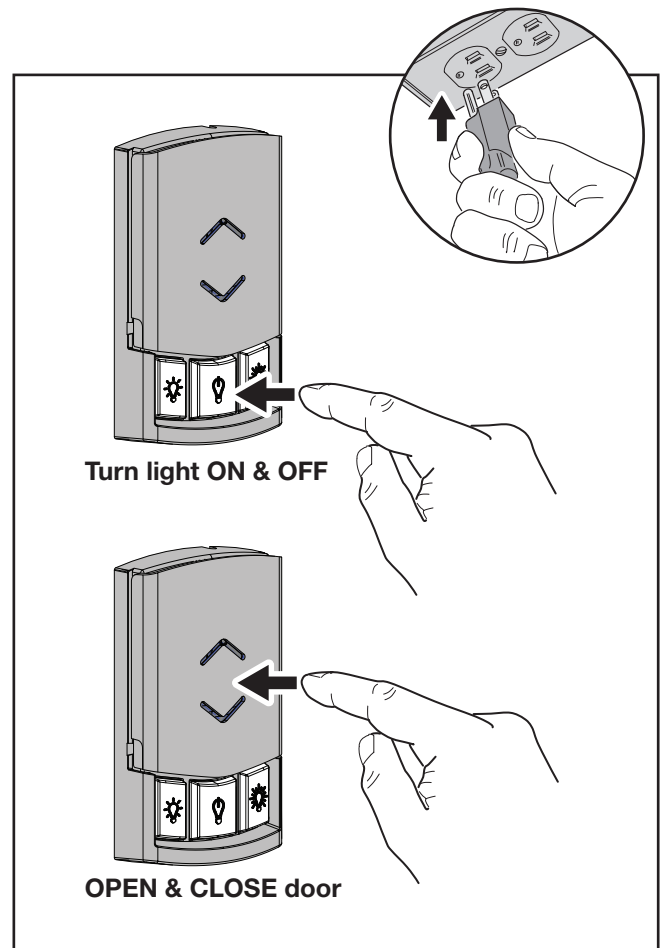COMMON (COM)

COMMON (COM)
WALL STATION (WS)

Test the Wall Station

Once you have connected the wall station to the garage door opener head unit, test if working properly by using the wall station to operate the light and door by taking the following steps.

- Plug the garage door opener head unit's AC power cord back into an outlet.
- Wait a few moments until the LED on the wall station comes on.
- Press the light button to turn the light on and off.
- Press the cycle door button to operate the door.

If you are unable to operate the garage door using the wall station's buttons, please go to the Troubleshooting Guide on page 6.


Turn light ON & OFF

OPEN & CLOSE door

For more information, please visit www.devancocanada.com or call toll free at 1-855-931-3334

Using the Wall Station

Vacation Lock for Additional Security

1 Open the wall station's cover to access the Programming Buttons. Press the VACATION LOCK (🔒) button to prevent remote controls from opening the door after the door is completely closed. When the Vacation Lock is activated, the remote controls can close the door, but not open it. The door can still be opened or closed by using the wall station's UP/DOWN ARROW pushbutton.

   NOTE: To signal that the vacation switch is locked, the opener's light will flash and the alarm will sound five times if a remote control is activated in an attempt to open the door.

2 Press the wall station's VACATION LOCK (🔒) button again to unlock and return the operator to normal operation.

FLIP THE LARGE COVER UP TO ACCESS PROGRAMMING BUTTONS.

VACTAION LOCK
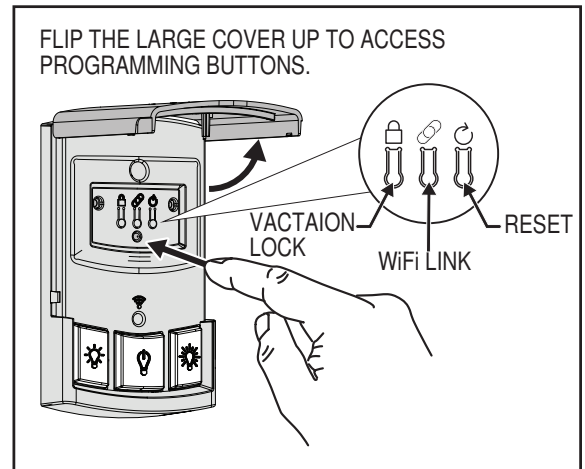
WiFi LINK

RESET

Wall Station Reset

If you change your home router or password you will need to RESET your Wall Station.

1 To do a Wall Station RESET press the WiFi Link (🔗) button for 10 seconds, the RED LED blinks and then turns solid RED. The Wall Station is now ready to re-link to a new or updated home router.

2 To re-boot the Wall Station for software updates, press the RESET (↻) button.

Controlling the Opener's Light

1 The opener's light can be turned ON by pushing the wall station's on/off (💡) button. The light will stay on until the button is pressed again or the opener is cycled.

2 To DECREASE the light brightness press the dimmer (💡) button.

3 To INCREASE the light brightness press the brighter (💡) button.

PRESS THE LIGHT BUTTON TO TURN THE LIGHT ON OR OFF.

THE LIGHT WILL STAY ON UNTIL THE LIGHT BUTTON IS PRESSED OR THE OPERATOR IS CYCLED.

DIMMER   ON/OFF   BRIGHTER
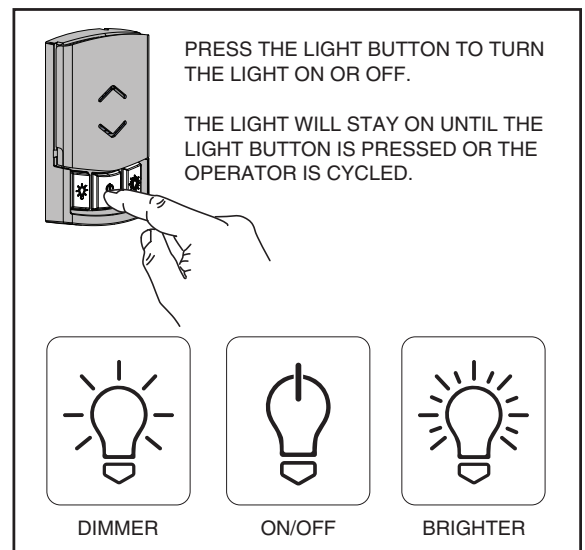
LED Lights on the Wall Station

The Wi-Fi wall station has two LED lights that convey information at a glance.
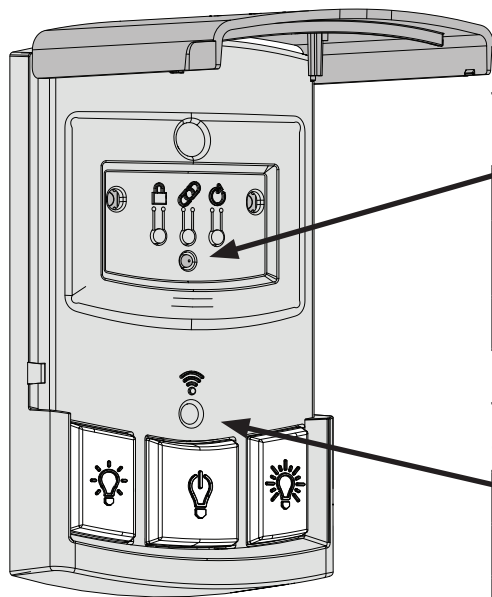
The top blue LED light illuminates the main wall button and provides information on the vacation mode.

Vacation Mode LED	
ON	Normal operation. Vacation mode disabled.
FLASHING	Vacation mode enabled.

The bottom LED light indicates the state of the Wi-Fi connection and wall station.

Wi-Fi Connectivity LED	
RED	Not connected to Wi-Fi.
YELLOW	Performing update
GREEN FLASHING	Connecting to Wi-Fi.

Linear app Installation

Download, Register and Activate Application

Use your smart phone or tablet to visit your app store to download and install the Linear application. On initial use you'll be asked to register and create an account. Once complete, sign in with your new account information.

Linear

Connect the Opener to app

Stand near Wi-Fi wall station. On your mobile device in the Linear app, after creating your place (i.e your home, or barn, or vacation home) tap the plus sign at the bottom right of screen to Connect Your Device. Follow directions in app to Connect Your Device.

Scan for app instructions.
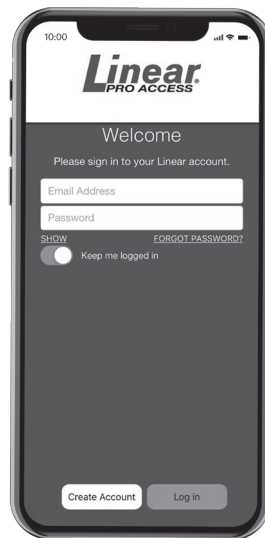
Use the Linear app

The app's main screen indicates the current state of the garage door and allows operation. If your garage door is fully closed, the app will show the door fully closed. If the garage door is partially or fully open, the app will show the door open.

To close or open the garage door, tap the garage door icon. Likewise, tap the light icon to turn the garage door light on or off.

For a detailed view of the device, tap a device icon. From here you can adjust the brightness of the light, and you can view a history of who operated the device.

| DOOR PARTIALY OR FULLY OPEN | DOOR FULLY CLOSED | LIGHT ON / OFF |
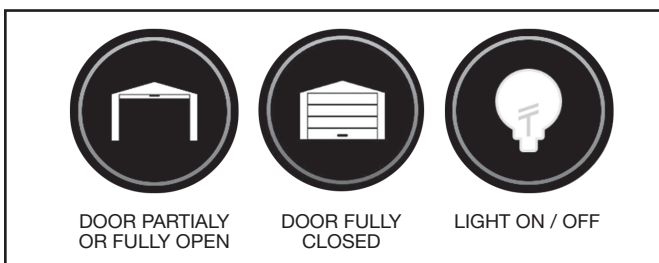
Manage Your Devices and Members

Tap the Site Menu icon (three circles stacked on top of each other) located in the top left of the screen. From here you can remove devices from your site, invite new members to join your site and remove existing members from your site.

Invite Others

To invite a new member, select the Invite New Member button at the bottom of the Site Menu.

You will be asked to set their permission level. There are three classes of members in this application:

- You, the Linear app administrator, who created the site and added devices.

- Administrators, who can invite others, set/ change permissions, and operate and view all devices.

- Regular members, who can operate and view only specified devices.

TROUBLESHOOTING GUIDE		
Condition/LED Color	Possible Cause	Possible Solution
Wall station does not power on.	1. Incorrect wiring	1. Check wall station wiring for correct polarity. 2. Confirm head unit is plugged in and has power. 3. Call tech support.
RED	1. Wall station has not been assigned to an access point. 2. Wall station is not within range of its assigned access point. 3. Antenna interference.	1. Use the mobile app to configure the wall station's access point. 2. Relocate the wall station or relocate the homes access point. 3. Ensure area around the wall station is free from metal objects and electrical wires. Reference page 2 of this manual for checking Wi-Fi signal.
YELLOW	1. Checking for updates	1. No action required from user; this behavior is normal and temporary.