



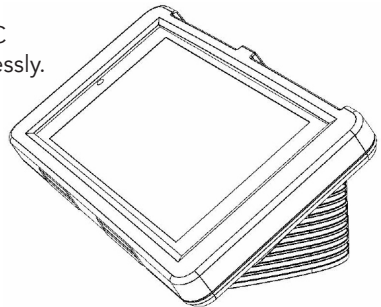
RE657 Touchpad Connect+™ Encrypted



The RE657 Touchpad is an intuitive interface for controlling the Connect+ security system. It is AC powered and communicates with the panel wirelessly.

Features

- Real time status
- 7-inch color touchscreen
- Wall or table mounted
- 5-year warranty
- Battery backup

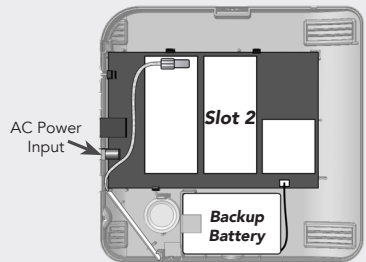


Installation Overview

1. **Confirm the panel has a Wi-Fi DeviceLink card installed.**

Installing the Wi-Fi DeviceLink Card

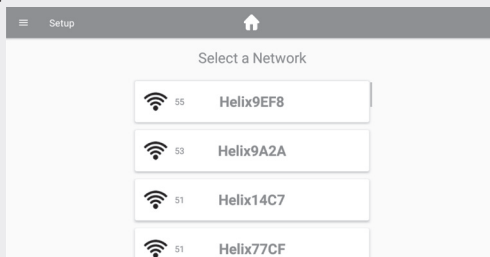
- Disconnect the panel's AC power and backup battery.
- Install the Wi-Fi DeviceLink card in **Slot 2** by carefully aligning the nylon retention posts and the 8-pin connector while pushing the card firmly until all posts are fully seated.
- Reconnect the panel's AC power and backup battery.
- Verify the Wi-Fi card LEDs are on.



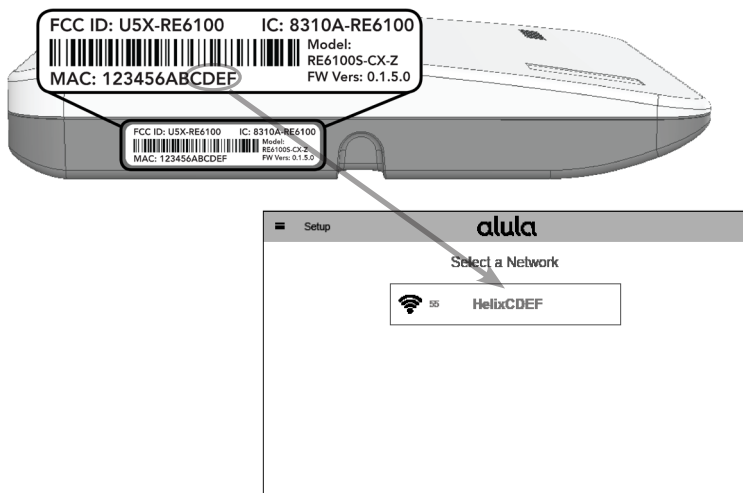
2. **Choose a mounting location** within reach of the 10-foot power cable. (See page 8 for instructions on extending the wire).
3. **Verify signal strength** at the desired location before mounting it permanently.

Verifying Signal Strength

1. Make sure the panel is powered and the Wi-Fi DeviceLink card is installed.
2. Power up the Touchpad using the included adapter.
3. Verify the Touchpad displays "Select a Network." If it doesn't, press "Setup" then "FACTORY DEFAULT."
4. If the signal strength displayed is less than 35, relocate Touchpad or Connect+ panel. If neither options are available, install an RE621 Touchpad Range Extender.



- 4. Enroll the Touchpad** by pressing the enroll button on the side of the panel until it beeps once and then selecting the desired panel on the Touchpad. Note, the Touchpad will list all panels within range, not just the ones in enrollment mode. The network "names" will include the last 4 digits of the MAC Address printed on the panel label.

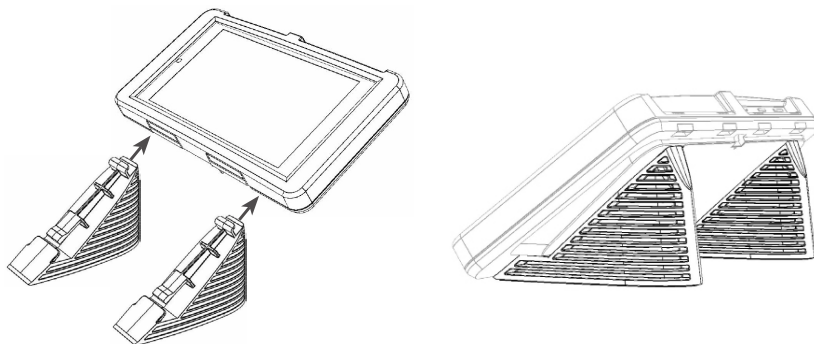


After selecting the desired panel, the Touchpad will progress through stages of discovery and authentication. Upon success it will show the DISARMED screen. If the wrong panel was selected then press the "Restart" button in the side menu.

Troubleshooting Steps if Enrollment Fails:

- Confirm the panel is in wireless enrollment mode. A red light will flash on the panel if in wireless enrollment mode.
- Check whether the panel is already full. The limit is four Touchpads. To confirm number of Touchpads connected, log into your account.
- Tap the "Restart" button to try again.

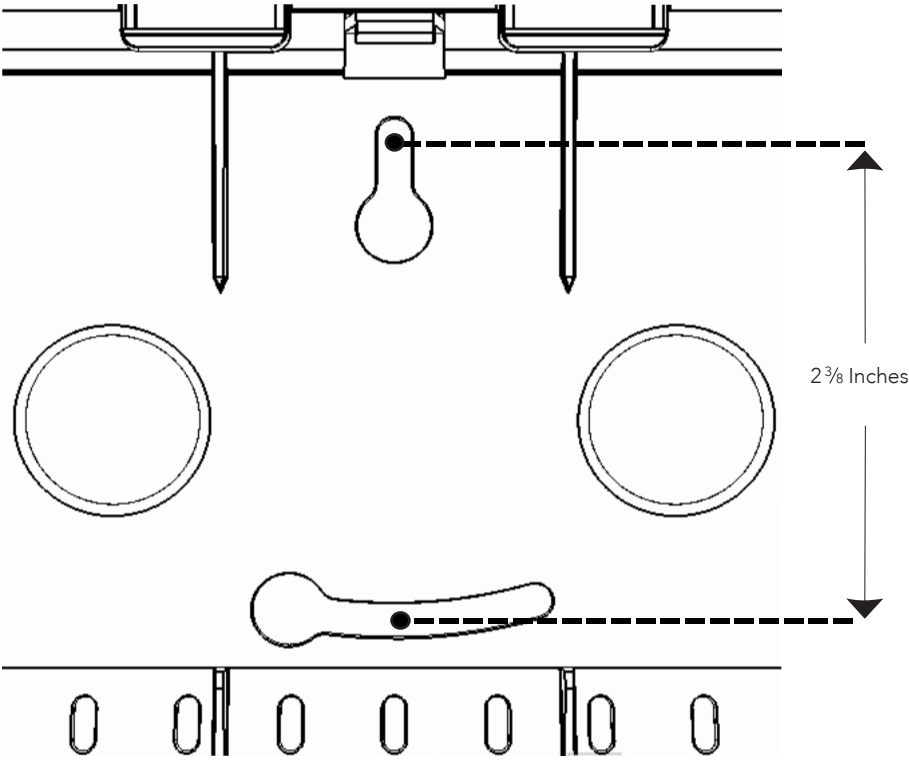
- 5. Finish mounting in the desired location.** For tabletop mounting, slide the feet into the tracks on the back of the Touchpad. The fit is intended to be quite snug, so some force may be required for the feet to "click" into place.



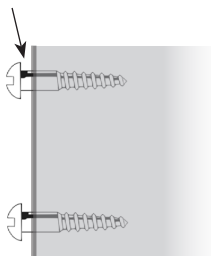
- 6. Test the Touchpad** by arming and disarming the panel from the Touchpad.

Wall Mounting Option 1 (No Disassembly Required)

1. Place the below template on the wall and drill holes through the two black dots.



2. Put the screws in the wall but leave a gap (roughly 1/8") for the Touchpad plastic.

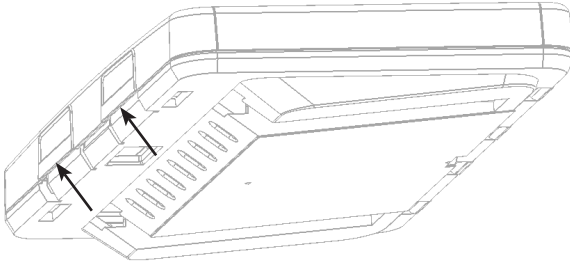


3. Position the Touchpad over the top screw head and then tilt the Touchpad to allow the lower screw head to slip through the lower keyhole.

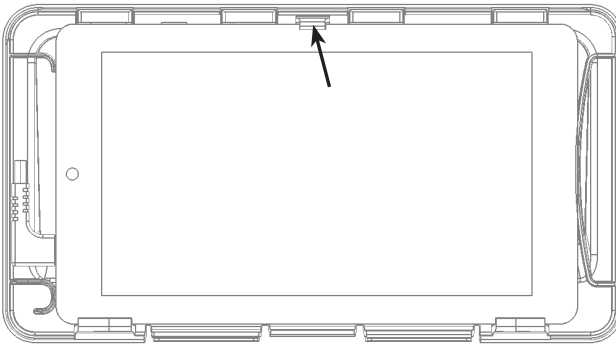
4. Rotate the Touchpad into place until level. Ensure the screws are tight enough for a snug fit.

Wall Mounting Option 2 (Disassembly Required)

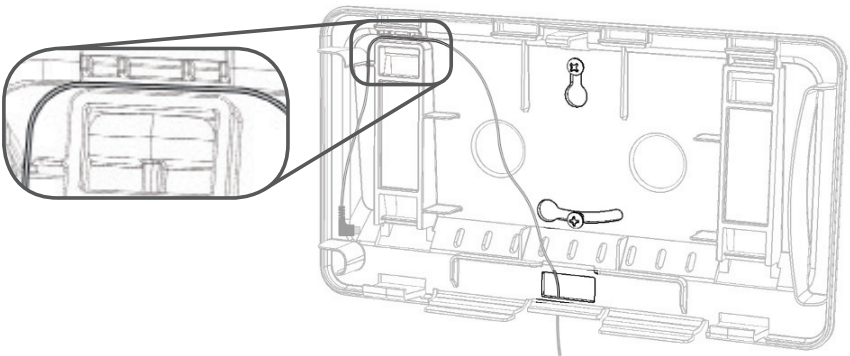
1. **Open the enclosure** by lifting at the two points shown below and rotating upwards towards the top of the screen. The enclosure is hinged at the top and latched at the bottom.



2. **Remove the tablet** by pushing up on the latch at the top of the tablet and tipping the tablet outward. Unplug the power connector and set it aside.

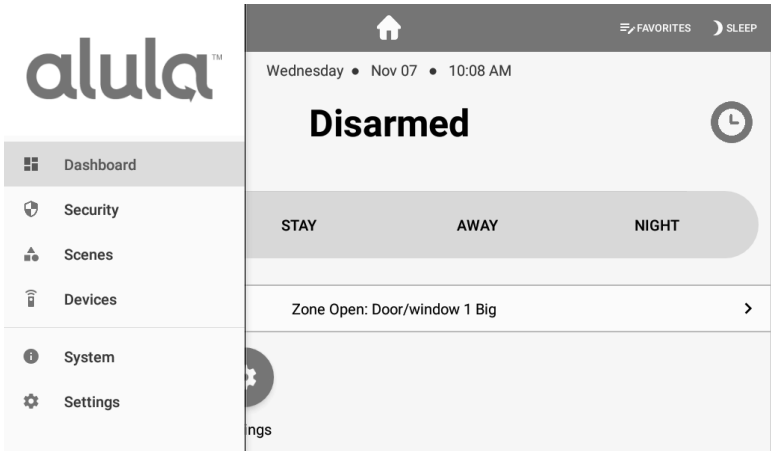


3. **Mount the enclosure to the wall** using the screw holes in the enclosure.
4. **Pull the power cable into the enclosure** through the rectangular hole at the bottom of the enclosure. It can also be hidden completely by drilling a third hole in the wall (through one of the large round holes in the enclosure) and fishing the wire behind the drywall to a location with an AC power outlet.



5. **Reconnect the power cable to the tablet** and route the cable through the strain relief channels (see above).
6. **Reinstall the tablet and enclosure cover.**


Menu Guide



Security

- History - shows event history
- Attention - shows all opened, bypassed, or troubled zone. Zones can be bypassed or activated by pressing the toggle to the right of the zone name.

Scenes

- Create scenes from mobile app
- Activate scenes by pressing  and entering your user code
Note: this option is only available on the Alula network
- Enable/disable scenes with the toggle button

Devices

- Lock and unlock Z-Wave® door locks
- Turn Z-Wave lights on and off
- Set dimmer level for Z-Wave dimmer switches
- Open and close Z-Wave garage door openers

System

- Panel
 - Troubles - shows all system troubles
 - Status Updates - shows all status updates
- Touchpad
 - Battery - shows battery level and charging information
 - Network - shows network the panel is connected to
 - Access point MAC
 - Wi-Fi signal strength - must not be less than 35
 - Response Time
 - Wi-Fi channel
 - Touchpad Firmware
 - Touchpad Hardware
 - Updater Firmware
 - Serial Number
 - Uptime

Menu Guide (Continued)

Settings

- **Display**
 - Brightness - can be set from 1 to 10 by using the (+) and (-) keys
 - Auto sleep display - when enabled the Touchpad screen will go to sleep after programmed period of inactivity. When disabled the Touchpad screen will stay on and show the system overview page.
 - Entry wake - when enabled the screen will turn on during entry delay
 - Clean screen - ignores touch input on the screen for 30 seconds to allow user to clean the screen
- **Sound** - beep volume can be set from 0 to 7 by using the (+) and (-) keys
- **Touchpad** (must enter code to access)
 - Show Favorites - display favorites menu that shows frequently used zones, scenes, and devices on dashboard
 - Show Panics - ability to turn off individual panics (This option can only be viewed when using installer or dealer code)
 - Lock to Dashboard
 - When enabled only the dashboard menu can be accessed without an access code
 - When disabled no access code is needed to navigate outside of dashboard
 - Return to dashboard - specifies time of inactivity before Touchpad will automatically return to dashboard
 - Dock - specify the items to be displayed in the bottom dock
- **Panel** (must enter code to access)
 - Sensor Chime - enables or disables panel sensor chime mode
 - Communication Test mode - starts test mode
 - The Touchpad will begin testing communications and display "TESTING"
 - After one minute, the Touchpad will show the result of the test which will be either "GOOD," "FAIR," OR "POOR"
 - If you get a "POOR" test result, try the test again from another location
 - The table below lists the thresholds used to determine the outcome of the test
 - If any statistic falls in the poor range, the test outcome is "POOR"
 - If there are no poor statistics and any statistic is in the fair range, the outcome of the test is "FAIR"
 - If all statistics are in the good range, the outcome of the test is "GOOD"
 - Check for updates - this will tell the panel to check for any system updates

| Statistic | Unit | GOOD | FAIR | POOR |
|----------------------------|------|-----------|------------|----------|
| Wi-Fi Signal Strength | dB | Over 39 | 35 to 39 | Under 35 |
| Communication Success Rate | % | Over 89 | 85 to 89 | Under 85 |
| Response Time Average | ms | Under 200 | 200 to 250 | Over 250 |

Home Screen and Panic Functions

The headline indicates panel status such as "Disarmed" or "Armed Stay"

The time zone is configured online

Tap or slide to view Side Menu

Tap to turn the Touchpad's display off

Tap to view selected favorite Zones, Devices, and Scenes

Tap to mute beeps during arm/disarm action

Tap to disable entry delay

Tap to view Panic options and then press desired Panic option for two seconds to trigger

Tap one of the arming buttons to arm the panel

The screenshot shows the Home Screen of a security system. At the top, a dark header bar contains a menu icon, the word 'Dashboard', a home icon, the date and time 'Wednesday • Oct 31 • 1:16 PM', and icons for 'FAVORITES' and 'SLEEP'. Below the header, the main area has a large 'Disarmed' status indicator with 'Ready to Arm' underneath. A large shield icon with a diagonal line is on the left. To the right are three buttons: 'STAY', 'AWAY', and 'NIGHT'. Below these are three circular icons labeled 'Panics', 'Security', and 'Settings'. Annotations with arrows point to various elements: the status headline, the time zone, the menu icon, the 'SLEEP' button, the mute speaker icon, the 'Panics' button, the 'STAY' button, the 'AWAY' button, the 'NIGHT' button, and the 'Disarmed' headline.

Hold for two seconds to trigger fire alarm

Hold for two seconds to trigger police alarm

Hold for two seconds to trigger auxiliary alarm

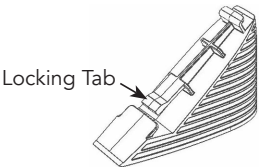
This screenshot shows the Home Screen with the 'Disarmed' status. Below the 'STAY', 'AWAY', and 'NIGHT' buttons, there are four circular icons: 'Cancel' (with an 'X'), 'Fire' (with a flame), 'Police' (with a police car), and 'Auxiliary' (with a first aid kit). Annotations with arrows point to the 'Fire', 'Police', and 'Auxiliary' buttons, indicating that holding them for two seconds triggers the respective alarm.

Turn on/off individual panics

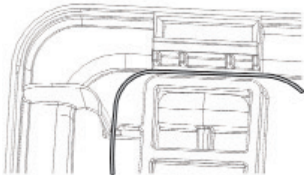
The screenshot shows the 'Settings' screen. The left sidebar has a 'Settings' header and a home icon. The main area is titled 'Touchpad' and contains two settings: 'Show Favorites' (Enabled) and 'Show Panics' (Enabled). Below 'Show Panics', there are three toggle switches for 'Fire', 'Police', and 'Auxiliary'. Annotations with arrows point to these three toggle switches, indicating they can be used to turn on or off individual panics.

Pro Tips

To remove the Touchpad feet, open the enclosure and remove the tablet. Then locate and depress the locking tab while sliding the foot off the enclosure.



Always ensure the power cable is properly routed through the strain relief channels when reassembling the Touchpad.



The Touchpad display turns off on its own after specified allotted time of inactivity (Auto sleep display setting). It will turn back on when the screen is touched, or for some alarm conditions. The screen can also be turned off manually by pressing "Sleep."

The power supply MUST be secured to an outlet if installed in the USA.

The power supply MUST NOT be secured to an outlet if installed in Canada.

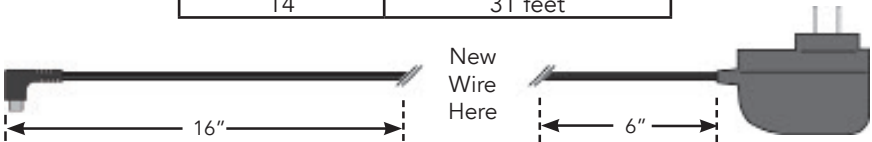
The Touchpad volume can be changed in the Settings screen. The physical volume rocker switch on the top left side of the Touchpad is **not** enabled.

The Touchpad can be rebooted by holding the power button on the top left side of the Touchpad for several seconds; however, this should never be required.

To unenroll the Touchpad navigate to the Settings menu and then to the section labeled "Panel." Put the panel into wireless enrollment mode and press the unenrollment button. Note: The unenrollment button is displayed only when in enrollment mode.

The Touchpad's power cable can be extended by splicing in a longer wire. To do this first unplug the adapter from the wall. Next cut the power wire 16 inches from the USB connector and 6 inches from the transformer. Discard this section of wire and replace it with the desired wire length per the table below.

| WIRE GAUGE | MAXIMUM LENGTH |
|------------|----------------|
| 18 | 13 feet |
| 16 | 20 feet |
| 14 | 31 feet |



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Specifications

| Physical Specifications | |
|------------------------------|-------------------------------------------|
| Dimensions With Feet | 8.8 x 4.8 x 3.3 inches (22 x 12 x 8.4 cm) |
| Dimensions Without Feet | 8.8 x 4.8 x 1.2 inches (22 x 12 x 3.0 cm) |
| Weight | 18 oz (510 grams) |
| Mounting Fasteners | #4 or #6 screws (not included) |
| Environmental Specifications | |
| Operating Temperature | 32°F to 120°F (0°C to 49°C) |
| Maximum Humidity | 85% non-condensing relative humidity |
| Device Specifications | |
| Battery Life | 4 Hours |
| Wireless Range | ~300 feet in open air |
| Screen Resolution | 1024 x 600 pixels |
| Screen Size | 7 inches diagonally |
| Accessories | |
| Power Supply | RE012-13 |
| Wi-Fi DeviceLink | RE926RX |
| Models | |
| RE657B, RE657W | |
| Certifications | |
| RE657B, RE657W | FCC, IC |

Specifications subject to change without notice

WARRANTY

Alula will replace all non-portable products that are defective in their first five (5) years, and all portable products that are defective in their first two (2) years.

IC NOTICE

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions:

- (1) This device may not cause interference, and
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux cnr d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

- (1) L'appareil ne doit pas produire de brouillage, et
- (2) L'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

IC: 21031-ANANDAT1

FCC NOTICE

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference.
- (2) This device must accept any interference that may be received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the Alula could void the user's authority to operate this equipment.

FCC ID: 2AASJSTP-103

TRADEMARKS

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