

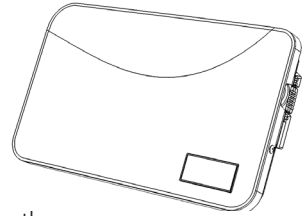
alula™ RE621 Touchpad Range Extender Connect+™ Encrypted



RE621 Touchpad Range Extender extends the wireless range between Touchpads and the panel.

Features

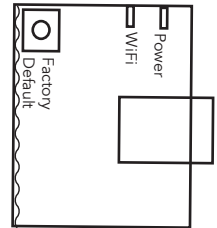
- Wireless range extension
- Single button enrollment
- 5-year warranty



Associate Range Extender with Panel

The Range Extender must be associated with the panel. Place the Range Extender within two feet of the panel. Press and hold the Range Extender's Factory Default button for three seconds. The WiFi LED should begin to flash quickly, indicating that the Range Extender is scanning for panels. Once the WiFi LED is solid, the Range Extender is connected and can be moved to the desired location. Note: The Connect+ does not need to be in enrollment mode.

Circuit Board Diagram

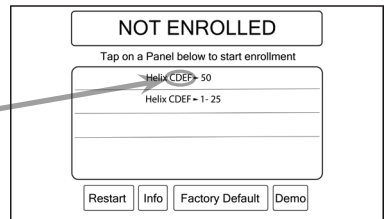
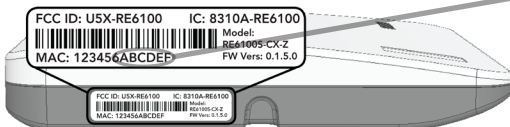


WiFi LED	Status
Off	Not connected
Rapid flash (every 1/4 second)	Scanning for a panel to connect to
Flash (every 1/2 second)	Attempting to connect to the panel
Solid	Connected to a panel

Touchpads

When installing a new Touchpad into a system that already has a Range Extender, enroll the Touchpad to the panel by selecting either the panel's SSID or the Range Extender's SSID. **Note:** The Range Extender's SSID will match the panel's SSID but will end in "-1". The Touchpad will automatically select the best connection.

If a Touchpad has already been enrolled into the panel, it does NOT need to be re-enrolled into the newly-installed Range Extender. Simply trigger a WiFi re-scan on the Touchpad and watch for whether it connects to the panel or the Range Extender, and whether it improves its signal strength. To trigger a WiFi re-scan, hold down the Touchpad's gear button until the communication test mode is enabled. Then, press and hold "Re-scan WiFi."



Use the panel installation guide to verify proper system setup.

Verify the signal strength of the Touchpad is more than 35. Move the Range Extender or Touchpad if the signal strength is too low.

Install by mounting the Range Extender in the desired location using the mounting screw holes. Choose a mounting location within reach of the 10-foot power cable, then connect the power supply to the Range Extender.

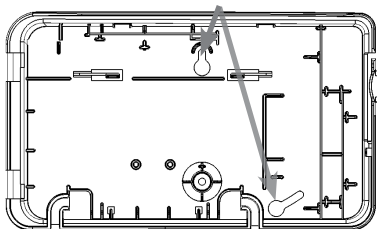
Pro Tips

Factory Default the Range Extender by pressing the Factory Default button for 6 seconds.

Use Touchpad firmware version 0.0.13.0 or later.

Avoid mounting near appliances or metal objects.

Mounting Screw Locations



Specifications

Physical	
Housing Dimensions	8.5 x 5.0 x 1.3 inches (21.6 x 12.5 x 3.3 cm)
Weight with Battery	10 ounces (284 g)
Mounting Screws	#4 or #6 Screws (not included)
Environmental	
Operating Temperature	32°F to 120°F (0°C to 49°C)
Maximum Humidity	85% non-condensing relative humidity
Power	
Power Transformer	
Input	100-240VAC 50/60Hz 0.5A
Output	12VDC 1A
Part Number	RE012-6
Current Draw	15mA (Nominal)
Certification	
RE621	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.

TRADEMARKS

Alula and Connect+ are trademarks owned by Alula Holdings, LLC.

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 Alula could void the user's authority to operate the equipment.

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.