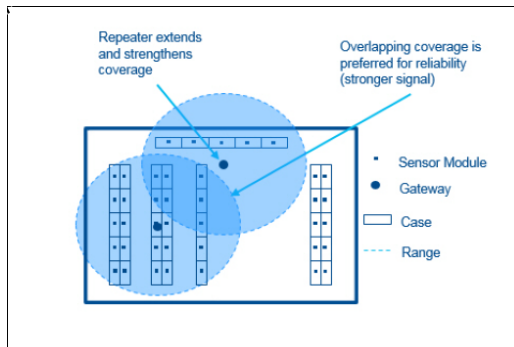


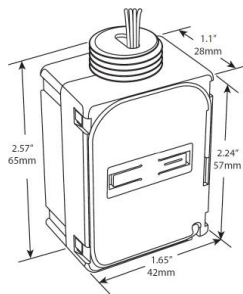
## Wireless Repeater

The Wireless Repeater (P/Ns 814-3560 and 814-3570) is recommended for use with the Wireless Module System. If a Wireless Module is placed more than 100 feet from the Gateway, a Wireless Repeater should be added to optimize the wireless range between devices. The best location is a clear line-of-sight between the Gateway and Modules if possible.



### Installing the Wireless Repeater

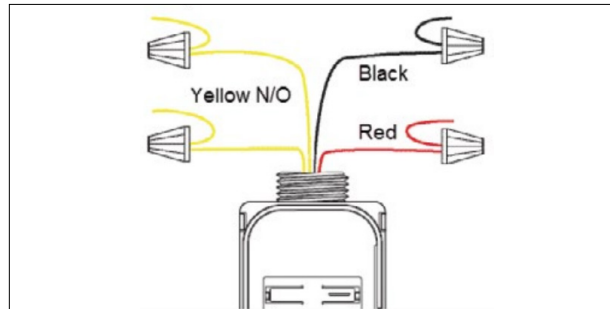
The Repeater should be installed outside a standard electrical box or power source. There should be a clear line-of-sight between the Wireless Gateway and Repeater, as well as with the Wireless Module and/or 3rd party wireless transmitters.



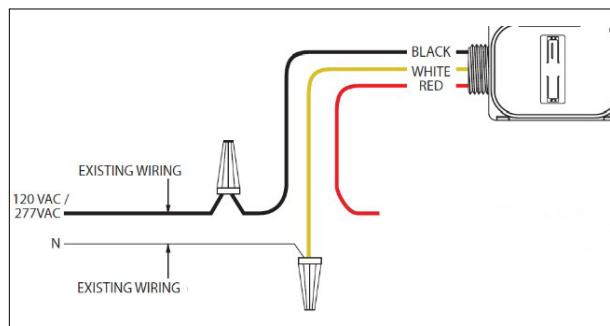
### Installing the Wireless Repeater

Part Number	Power Supply	Weight
814-3560	9 to 30 VAC, 12 to 40 VDC	1.9oz (59g)
814-3570	120 to 277 VAC, 50/60 Hz	3.9oz (90g)

P/N 814-3560	
Black/Red	9 to 30 VAC; 12 to 40 VDC
Yellow	No Connection



P/N 814-3570	
Black	120 to 277 VAC; 50/60 Hz
White	Neutral
Red	No Connection

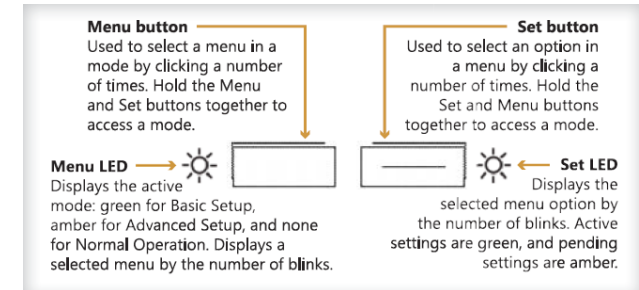


Use the included double-sided adhesive pad to mount the Repeater once configured.

**Note:** It may be easier to configure the Repeater and link Modules before permanently mounting the devices.

### Set up the Repeater

- The Setup interface has two buttons, **Menu** and **Set**. Each has a corresponding three-color LED (green, amber, red).
- The buttons and LEDs are used to navigate and select linking and setup options through a three-tier menu system consisting of different Modes > Menu > Options.



- Power up the repeater. It will initiate the startup LED sequence.
- Configure the device as a repeater.
- Link any 3rd party transmitters.

The contents of this publication are presented for informational purposes only and they are not to be construed as warranties or guarantees, express or implied, regarding the products or services described herein or their use or applicability. Copeland reserves the right to modify the designs or specifications of such products at any time without notice. Responsibility for proper selection, use and maintenance of any product remains solely with the purchaser and end-user. ©2024 Copeland is a trademark of Copeland LP.

## Configure the Repeater

**Note:** Wireless Repeater comes pre-configured as a 1 Hop repeater.

1. Access the Advanced Setup menu by holding down both buttons for five (5) seconds until both LEDs turn amber
2. When **Setup** mode is entered, the **Menu LED** blinks **Red** and the **Set LED** blinks **Green**.
3. Select **1 Hop** by quickly pressing the **Set** button twice and the **Set LED** will blink amber twice, or select **2 Hops** by quickly pressing the **Set** button three (3) times and the **Set LED** will blink amber three (3) times.

Option	Description
1 Hop	More than 20 Transmitters near a Repeater
2 Hop	Less than 20 Transmitters near a Repeater

4. To exit **Advanced Setup Mode** and return to normal operation, press and hold both buttons for two (2) seconds and both LEDs will blink green to confirm.

## Link a Third Party Transmitter

**Note:** If a Module is being used, the Repeater automatically links to the device and repeats transmission once it is powered up and configured.

1. To access **Basic Setup** mode, press and hold both buttons for two (2) seconds until both LEDs are green. When the Repeater is ready to accept a link, both LEDs blink once per second.

**Note:** Once activated, this option stays active for two (2) minutes to provide time to link multiple devices.

2. For the transmitters to be linked to the repeater, press the **Link** button on that device. The Module is linked successfully when the **Set LED** displays solid green for three (3) seconds. The Repeater is ready to accept new links when both LEDs blink once per second again.
3. To exit **Basic Setup** mode and return to normal operation, press and hold both buttons for two (2) seconds and both LEDs will blink green to confirm.

## Unlink a Third Party Transmitter

Follow the same steps as described to link to a Repeater:

1. To access **Basic Setup** mode, press and hold both buttons for two (2) seconds until both LEDs are green.
2. Press the **Set** button three (3) times to access the Remove Link option. When the Repeater is ready to remove links, the **Menu LED** will blink once and the **Set LED** will blink three (3) times.
3. To exit **Basic Setup** mode and return to normal operation, press and hold both buttons for two (2) seconds and both LEDs will blink green to confirm.

## Restore Factory Defaults

Follow the steps below to restore the factory defaults to the Repeater:

1. Press and hold both buttons for 15 seconds until the **Menu LED** is solid red and the **Set LED** is solid amber.

**Note:** Both LEDs will turn various colors as the repeater cycles through the resetting process.

2. Press and hold the **Set** button for three (3) seconds to confirm the reset.
3. The Repeater will reboot and initiate the startup LED sequence.
4. Once the startup is complete, refer to the **Configure the Repeater** section on this page to set up the device again.

*For complete instructions on the Wireless Repeater, refer to the full installation guide P/N 026-4842.*

*For a full copy of the Wireless Manual (PN 026-1734), contact Technical Support.*

### For Technical Support:

Call: 833-409-7505  
Email: ColdChain.TechnicalServices@copeland.com

For additional product information, scan the QR code:

