

PHOENIX™

LED-PHX



MOTION-ACTIVATED LED ALERT SYSTEM

Phoenix™ delivers safety with simplicity. This responsive LED alert strip combines motion activation with inductive charging technology for the interior leading edge of motorized sectional and rolling steel doors. An integrated accelerometer triggers bright red, yellow, and green LEDs when the door is in motion—providing clear visual signaling to keep people and equipment out of harm's way.

Phoenix operates independently of the door operator for faster installation and reduced maintenance. Inductive charging pads eliminate coil cords and retracting reels, delivering up to 60 hours of runtime (about 100 door cycles) on a single charge.

The result is a plug-and-play upgrade that enhances visibility, improves safety, and integrates seamlessly with photo eyes or light curtain systems—helping you protect people and productivity.



APPLICATIONS

- Standard and high-performance:
 - Motorized sectional doors
 - Motorized rolling steel doors

Note: Not recommended for high-speed doors.

FEATURES

- Two models:
 - **LED-PHXRS-K8:** Rolling Steel Door Kit
 - **LED-PHXSD-K8:** Sectional Door Kit
- **Interior-mounted design:** Perfect for high-traffic areas like warehouses and manufacturing floors.
- **Integrated accelerometer:** Operates independently of the door operator.
- **Inductive charging pads:** No coil cords; recharges when door is closed.
- **Plug-and-play upgrade:** Seamlessly integrates with photo eyes or light curtains.
- **Long runtime:** Up to 60 hours or ~100 door cycles per charge.
- **Bright LEDs:** Indicate door status at a glance.
- **2-year warranty**



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OPTIONS

Models:

- LED-PHXRS-K8: Rolling Steel Door Kit
- LED-PHXSD-K8: Sectional Door Kit

GENERAL SPECIFICATIONS

LED STRIP

Brightness	Red = 80 lumens/m, Green = 220 lumens/m	
Signaling	Red/yellow running pattern: Opening	Red running pattern: Closing
	Solid green ~6 secs: Open	Solid red ~6 secs: Closed
Lifespan	30,000 hours	

PERFORMANCE

Runtime	Up to 60 hours of runtime or ~100 door cycles per charge	
Activation	Motion via accelerometer	
Operating Temperature	Charge: 32° to 113°F (0° to 45°C), Discharge: -4° to 140°C (-20° to 60°C)	
Agency Approvals	FCC	

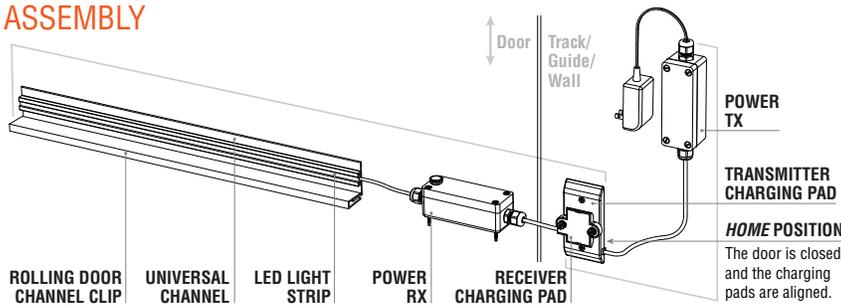
ELECTRICAL

Power Source	Receiver: 3.7V 800 mAh lithium-ion battery	
Transmitter Power Supply:	Input: 100-240VAC 50/60 Hz, Output: 5VDC 1.5A	
Charging	Inductive; full charge in 6-8 hours	
Battery Charge Current	100 mA nominal	
Power Output (TX)	5V, 1500mA	

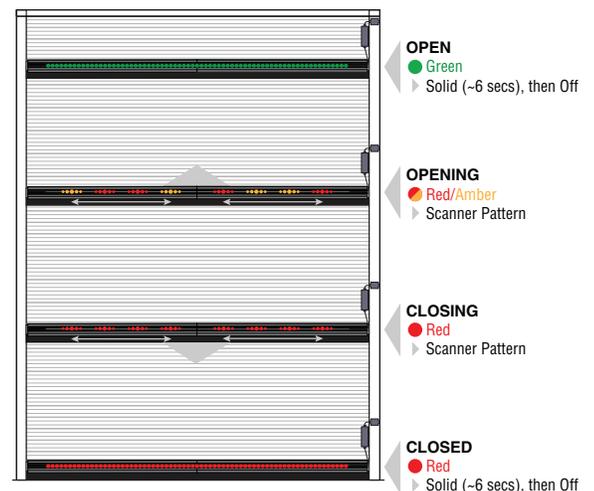
PHYSICAL

Dimensions	LED Strip/Mounting Channel: 8-ft. (2.44 m) Power RX & TX Enclosures: 1-13/16 W x 5-3/4 H x 1-3/4 D in. (46 x 146 x 44 mm)	
Cable Lengths	LED Strip: 48-in. Power RX → Receiver: 19.5-in.	Transmitter → Power TX: 18-in. Power TX → Power Supply: 55.5-in.
Weight (door mounted components)	LED Strip: 6.56 oz. Mounting Channel: 9.21 (SD), 14.41 oz. (RS)	Power RX, Receiver with battery: 7.6 oz. Receiver Brackets: 5.01 (SD), 16.01 oz. (RS)
Material	LED Strip: UV protected silicone sheath Mounting Channels: High density rigid PVC	Power RX & TX Enclosures: Polycarbonate Mounting Brackets: Steel
LED Indicators	Power RX: Green, Yellow	Power TX: Green, Yellow
Mounting	LED-PHXRS-K8 (rolling steel door kit): · LED Light Strip: Universal mounting channels and rolling door channel clips · Charging Pads: Mounting brackets	LED-PHXSD-K8 (sectional door kit): · LED Light Strip: Universal mounting channels · Charging Pads: Mounting brackets
Degree of Protection	LED Light Strip: IP68	Power RX & TX Enclosures: NEMA 4

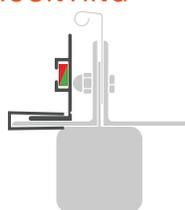
ASSEMBLY



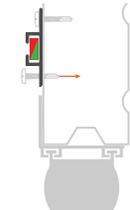
LED SIGNALING



MOUNTING



LED-PHXRS-K8
Rolling Steel Doors
Install on Bottom Bar
with Channel Clip



LED-PHXSD-K8
Sectional Doors
Install with
Self-Drilling Screws