



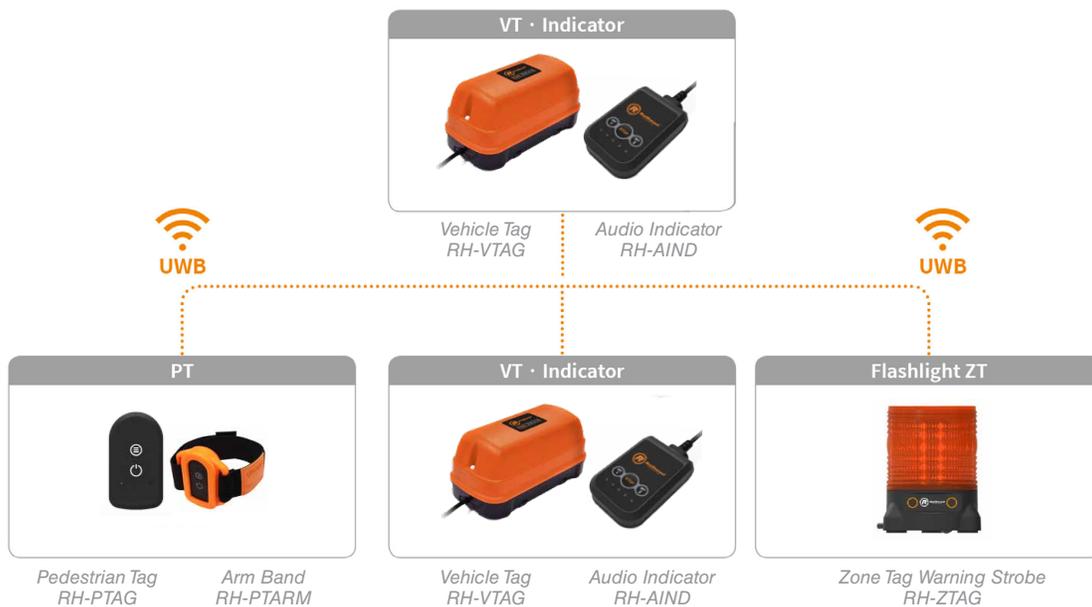
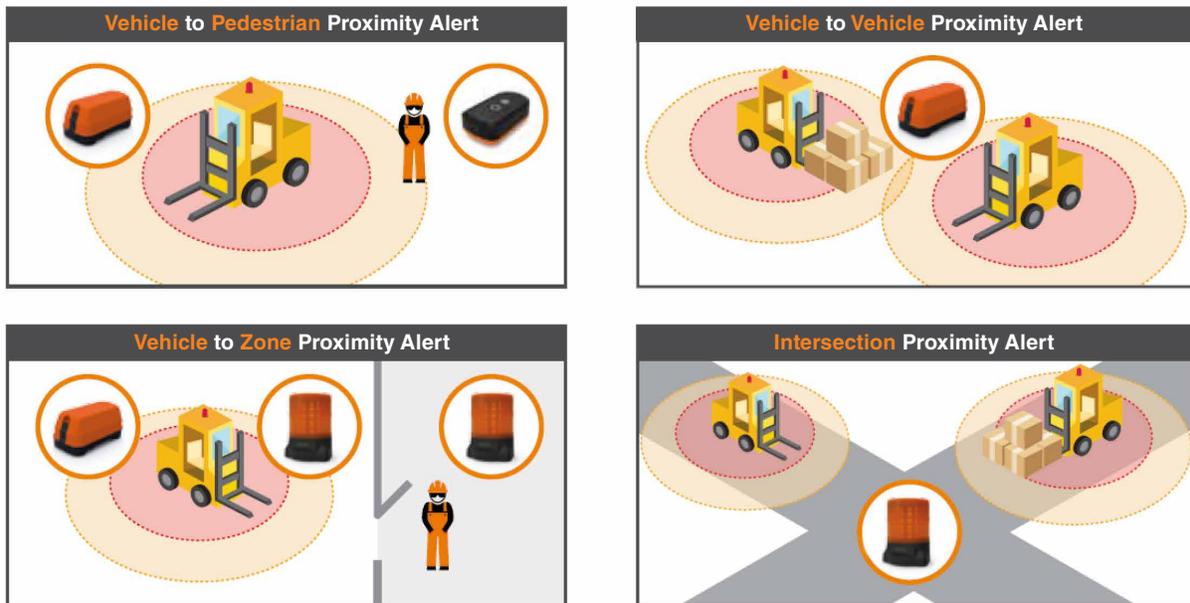
*Forklift Safety with Railhead*



## Railhead Proximity Alert Warning System

**PAWS** is designed to reduce the risk of collision between pedestrians and moving vehicles in your workplace. The system uses the cutting edge Ultra-wideband technology to precisely measure the distance between the vehicles and pedestrians providing highly reliable collision warning.

### FUNCTIONALITY, OPERATING, AND SENSING



## Railhead Proximity Alert Warning System

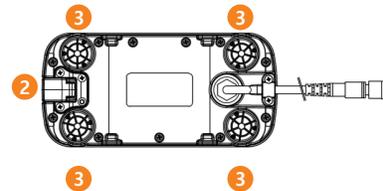
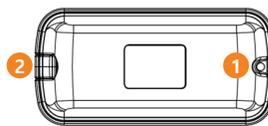
### RH-VTAG VEHICLE TAG

ULTRA WIDEBAND TECHNOLOGY BASED VEHICLE TAG  
FOR DETECTING MOVING PEDESTRIANS AND VEHICLES

- Detects other vehicles and pedestrians
- Activates Zone Tag Warning Strobes
- Simple installation and detachment using magnetic pads and a lever
- Detecting functions are unaffected by wind, falling rain or snow, fog, humidity, air temperature, or light
- IP65 enclosure withstands harsh environments

Max. Detectable Distance	98.5 ft
Weight	1 lb
Power	DC 12V / 24V
Operating Voltage	DC 9~32V
Power Consumption	Below 4W
Operating Temperature	-22F~185F
Ingress Protection Rating	IP65

PAWS Vehicle Tag Features



① LED Lamp : Power ON → Green ON,  
Warning → Green & Red ON

② Detachment Lever  
③ Magnetic Pad

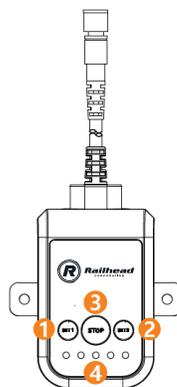
For the installation instructions please see page 6.

### RH-AIND AUDIO INDICATOR

INDICATOR FOR MAKING LIGHT/SOUND ALARM WHEN  
VEHICLE TAG DETECTS PEDESTRIANS INTO WARNING AREAS

- Connects to Vehicle Tag
- Gives vehicle operator audio signals "Watch Out" and "Danger"
- Intelligent proximity alert system
- Indicator operates in warehouse, factory, port and construction/mining site as an alert device
- IP65 enclosure withstands harsh environments
- Light flash when activated

Weight	0.45 lb
Power	DC 12V / 24V
Operating Voltage	DC 9~32V
Operating Temperature	-22F~185F
Ingress Protection Rating	IP65



- ① Set 1 Button: Distance/Volume Setting(Down)
- ② Set 2 Button: Distance/Volume Setting(Up)
- ③ Stop Button: Finalizing settings
  - Power ON: Green Light ON
  - Warning: Red Light ON
- ④

For the installation instructions please see page 6.

## Railhead Proximity Alert Warning System

### RH-PTAG PEDESTRIAN TAG ULTRA WIDEBAND TECHNOLOGY BASED PEDESTRIAN TAG FOR DETECTING MOVING VEHICLES

- Activates when in the proximity of vehicle tag
- USB rechargeable
- Simple installation and detachment using a helmet or a clipper holder
- Can select vibration, audio, or combination modes

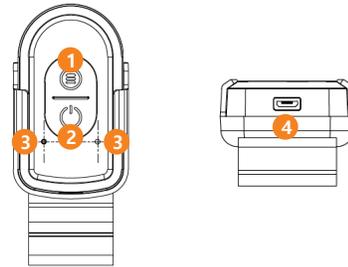


Arm Band  
RH-PTARM



Helmet Holder  
RH-PTHMOUNT

Max. Detectable Distance	98.5 ft
Weight	0.121 lb
Power	950mAh 3.7V Li Polymer
Charge Method	Micro USB Type B (5V/1A)
Operating Temperature	-22F~185F
Usable Time	Typical 30 hr (In condition of operating 10 times vibration)



PAWS Pedestrian Tag Features

- ① Menu Button: Power On, Alarm Type Setting, Finalizing Setting, Alert Pause(10s)
- ② Power Button: Volume Setting, Alert Pause(10s)
- ③ LED Lamp
  - Power On: Green Light ON
  - Warning: Green & Red Light ON
  - Low Battery: Red Light ON
- ④ Charging Port

For the installation instructions please see page 6.



## Railhead Proximity Alert Warning System

### RH-ZTAG ZONE TAG WARNING STROBE ULTRA WIDEBAND TECHNOLOGY BASED TAG DETECTING APPROACHING PEDESTRIANS OR VEHICLES

- Ultra wideband based proximity alert warning system
- Simple installation and detachment using magnetic pad or bracket
- Displays visible warning system
- Emits audio warning
- Can be used with audio amplifier and speaker option



Max. Detectable Distance	98.5 ft
Weight	1.06 lb
Power	DC 12V / 24V
Operating Voltage	DC 9~32V
Power Consumption	Below 4W
Operating Temperature	-22F ~ 185F
Ingress Protection Rating	IP65

For the installation instructions please see page 6.

### RH-ZTAG P PASSIVE LIGHT PAWS PASSIVE LIGHT

- Activates when connected to Zone Tag Strobe
- Can connect multiple units for area alerts
- Ultra wideband based proximity alert warning system
- Simple installation and detachment using magnetic pad or bracket



Max. Detectable Distance	98.5 ft
Weight	1 lb
Power	DC 12V / 24V
Operating Voltage	DC 9~32V
Power Consumption	Below 4W
Operating Temperature	-22F ~ 185F
Ingress Protection Rating	IP65

For the installation instructions please see page 6.

### RH-PSPEAK ZONE TAG SPEAKER PAWS SPEAKER

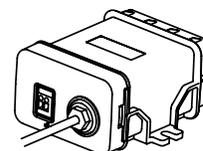
- Used with Zone Tag, Strobe, and AMP



Size	4.8" x 5" x 4.8"
Weight	5.18lb
Mounting Method	Fixed with screw
Operating Temperature	-31 ~ 158F
Speaker Output	20W
Impedance	08ohm
Sound Level / Distance	96.2dB / 0.1m

### RH-PAMP ZONE TAG AMP PAWS AMP

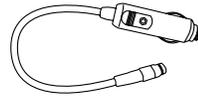
- Used with Zone Tag, Strobe, and Speaker



## Railhead Proximity Alert Warning System

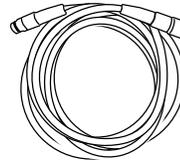
**RH-12VA 12V ADAPTER**  
PAWS CIGAR JACK ADAPTER

Size 18"



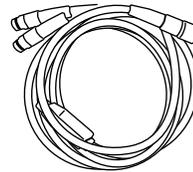
**RH-EXCABLE**  
PAWS EXTENSION CABLE

Size 20ft



**RH-HCABLE**  
PAWS HARNESS CABLE

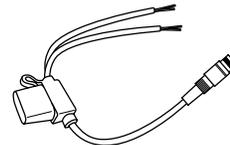
Size 146 3/4" (short)  
225 1/2" (long)



**RH-OWA**  
PAWS OPEN WIRE ADAPTER

Size 16"

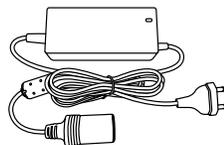
- Power Adapter for Vehicles Tag



**RH-PAWSACADAPTER**  
PAWS UNIVERSAL AC ADAPTER

Size 90 1/4"

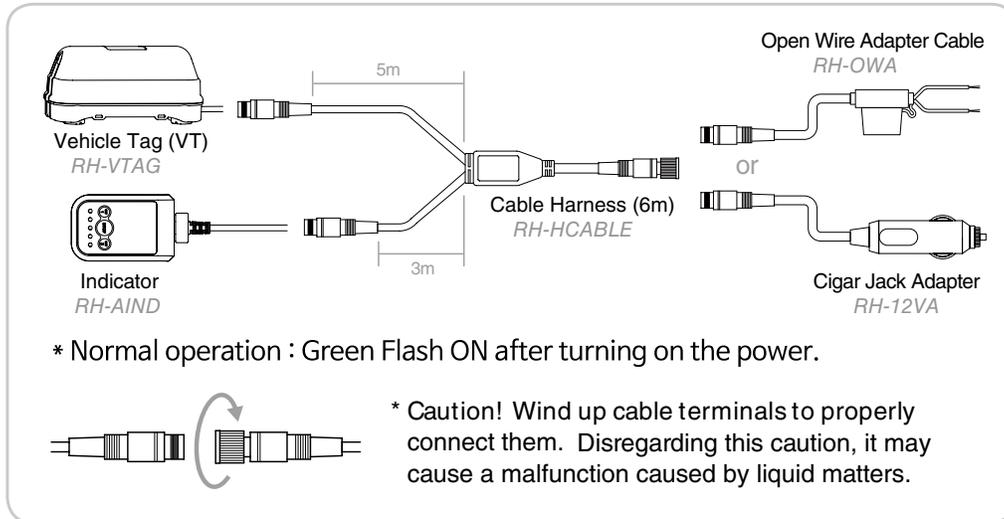
- Power Adapter for Zone Tag Strobe



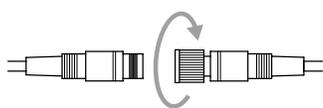
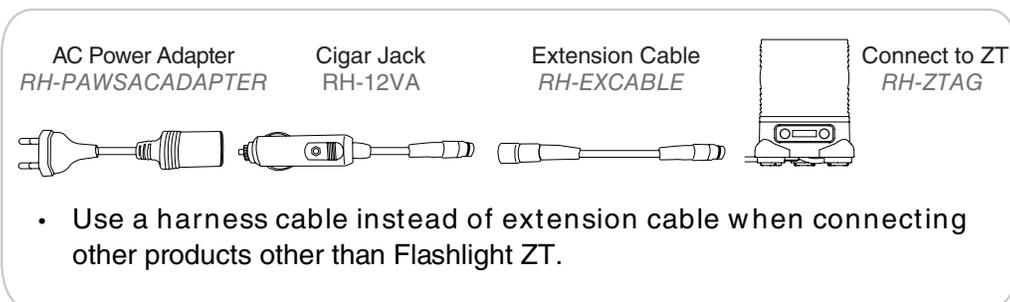
## Railhead Proximity Alert Warning System

### INSTALLATION

**! Caution!** It is highly recommended to install PAWS with the power off. Turn on the power after connecting all products.



\* It is recommended to use AC power connectors for protection against thunderstorm or high inflow of voltage and current.



\* Caution! Wind up cable terminals to properly connect them. Disregarding this caution, it may cause a malfunction caused by liquid matters.

## LED Forklift Safety Lights

**KE-RZL1 2 YEAR WARRANTY**  
**RED-ZONE LED PEDESTRIAN**  
**WARNING LIGHT**



Case Material	Casting Aluminum
Size H x W x L	6" x 2.35" x 2.25"
Color	Red
Operating Temp.	-45~85°C
Life Time	50,000 hr
Voltage	10~80V DC

**KE-BZL1 2 YEAR WARRANTY**  
**BLUE-ZONE LED PEDESTRIAN**  
**WARNING LIGHT**



Case Material	Casting Aluminum
Size H x W x L	6" x 2.35" x 2.25"
Color	Blue
Operating Temp.	-45~85°C
Life Time	50,000 hr
Voltage	10~80V DC

**KE-LTBL-2R 1300 LUMENS**  
**SAFE SPOT™ LED VEHICLE**  
**APPROACH WARNING LIGHT**



Rating	9-64V DC Multi-Voltage
Amps	0.45 Amps @12V
Temp.	-20°~+60°
Type	3W x 2 PCS (4800~5300K)
Approval	CE IP67
Vibration	10G
Lifespan	50,000 hr

**KE-LTRL-RED 1300 LUMENS**  
**SAFE SPOT™ LED VEHICLE**  
**APPROACH WARNING LIGHT**



Rating	9-64V DC Multi-Voltage
Amps	0.45 Amps @12V
Temp.	-20°~+60°
Type	3W x 2 PCS (4800~5300K)
Approval	CE IP67
Vibration	10G
Lifespan	50,000 hr

**KE-BL1 600 LUMENS**  
**FORKLIFT APPROACH**  
**WARNING LIGHT**



Size H x W x D	2.6" x 2.8" x 3"
Mounting Bracket	140 Degree Swivel
Cable Length	12" with Clips
Input	9-64V DC Multi-Voltage
Light Type	1- 3W Cree Blue LED
Shock Resistant	7G
LED Life Rating	50,000 hr

**RH-ARROW R 2600 LUMENS**

**FORKLIFT RED  
LED ARROW LIGHT**



Material	Aluminum
Input Voltage DC	9-96V DC
Lens	PMMA
Shock	7G
Color	Red
Operating Temperature	-30°~+65°C
Max. Light Output	2600 lm
Beam Patterns	Spot Beam

**RH-ARROW B 2600 LUMENS**

**FORKLIFT BLUE  
LED ARROW LIGHT**



Material	Aluminum
Input Voltage DC	9-96V DC
Lens	PMMA
Shock	7G
Color	Blue
Operating Temperature	-30°~+65°C
Max. Light Output	2600 lm
Beam Patterns	Spot Beam

**KE-LTHL-15 1500 LUMENS**

**LED FORKLIFT /  
WORK TRUCK HEADLIGHT**



Case Material	Die-cast Aluminum
Size H x W	3.5" x 3.5"
Beam Distance	226 ft
Amperage	1.54 Amps@12V
LED Lamp Type	5W x 3 pcs (4800~5300K)
LED Life in Hours	50,000 hr
Operating Temp	-30 ~ +85 degree C
Voltage	9~64V DC multi-voltage
Vibration Rating	7 G

## LED Vehicle & Facility Strobes

**M490-LED DCA**

**AMBER LED STROBE LIGHT  
12-90V DC 1/2" PIPE MOUNT**



Case Material	High impact Polycarbonate
Size H x W	5.2" x 3.9"
Bulb	(5) 1W LED's
Modes	Single, Double, Quad, Revolving
LED Life	Up to 100,000 hr
Voltage	12-90V DC / 120V AC
Mounting Options	1/2" pipe mount
Temp. Range	-40°F to 149°F

**M7600-LED A**

**AMBER LED WARNING STROBE**



Case Material	High impact Polycarbonate
Size H x W	5.1" x 3.9"
Bulb	4 1W LED's
Brightness	300
Modes	Quad High, Double, Quad Low, Triple Flash, Random, Revolving
LED Life	Up to 100,000 hr
Voltage	12-90V DC
Temp. Range	-40°F to 149°F

