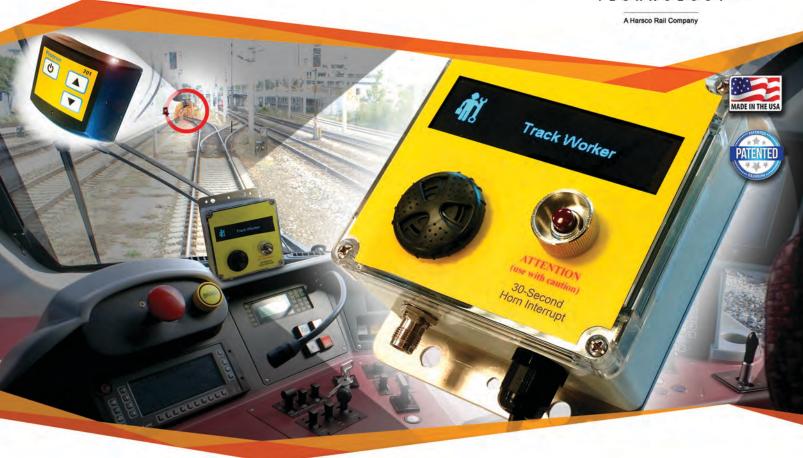
### PROTRACKER KIT

**PTC - Roadway Worker Protection System** 







#### DESCRIPTION

The Protracker Kit includes the Train Mounted Unit, Flagger, Personal Alert Device (PAD), and Portable Warning Light/Horn (PWLH). The system is designed to be mounted in the cab of a train or tied into the train's monitor. With the Protracker, the train operator will be audibly and visually alerted of personnel near the train tracks who are wearing the Protracker Personal Alert Device (PAD). Also, the PADs and PWLHs communicate with the Train Device. Once a train is in range, the PADs and PWLHs will signal that a train is approaching. This system enhances the secondary safety for work crews and train operator

### PROTRACKER KIT

## **PTC - Roadway Worker Protection System**

#### SPECIFICATIONS

Protracker Train Mounted Unit		
Input voltage	18-75 VDC	
Tx / Rx range HI-RES	800-3000 ft & meets FRA 15 second rule*	
Sound output	66-94 dB @ 3 feet adjustable	
Enclosure	Polycarbonate / IP51 (IP65 option), NEMA 4, 4x	
Operating temperature	-40°C to +85°C	
Dimensions / weight	4¾" x 4¾" x 2¼" (12 x 12 x 6¾ cm) / 1¼ lbs (½ kg)	



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Portable Warning Light & Horn		
Battery life	12-24 hours (depending on number of alerts)	
Range	800-3000 ft & meets FRA 15 second rule*	
Sound output	107-118 dB @ 3 feet adjustable	
Dimensions / weight	5¾" x 7½" x 5½" (14½ x 19 x 14 cm) / 5 lbs (1¼ kg)	



PT-0401



PT-0704 PT-0700EP

# **APPROVALS**

of approaching train Audible and visual warnings

BENEFITS

High resolution up to 1000 feet 16 / 8 inputs and outputs RS232, RS485 and ethernet

**APPLICATIONS** Advance warning to train operator of work crew ahead Advance warning to HY-RAIL operator of workers ahead Advance warning to work crew of approaching train Advance warning to trespassers

- United States (FCC): OUR-XBEE\*
- Canada (IC): 4314A-XBEE\*
- Europe (CE): ETSI\*
- Europe: RoHS / WEEE (upon request)\*

\*Specific to radio only

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Battery life	12-24 hours (depending on number of alerts)	
Range	800-3000 ft & meets FRA 15 second rule*	
Sound output	94 dB @ 1 foot	
Enclosure	ABS plastic (with IP66 option) & sealed membrane	
Dimensions / weight	31/4" x 33/4" x 13/4" (8 x 91/2 x 41/2 cm) / 1/2 lb (230 g)	

Flagger Device (FD) & Headset		
Battery life	12-24 hours (depending on number of alerts)	
Range	800-3000 ft & meets FRA 15 second rule*	
Sound output	94 dB @ 1 foot	
Enclosure	ABS plastic (with IP66 option) & sealed membrane	
Dimensions / weight	31/4" x 33/4" x 13/4" (8 x 91/2 x 41/2 cm) / 1/2 lb (230 g)	



PT-0702 PT-0700EP

5-Port PAD / Flagger Charge Station		
Charges	PAD and Flagger devices	
Dimensions / weight	22" x 3" x 1½" (56 x 7½ x 4 cm) / 4½ lb (2 kg)	





PROTRAN

TECHNOLOGY

P.O. Box 417, Newton, NJ 07860 Phone (973) 250 4176 www.protrantechnology.com

<sup>\*</sup>Distances can be changed upon request