PORTABLE TRAIN DETECTOR KIT

Roadway Worker Protection System







DESCRIPTION

The Portable Train Detector Kit includes the Portable Train Detector, the Personal Alert Device (PAD), and the Portable Warning Light/Horn (PWLH). This unit is used to alert track work crews of an approaching train. The Portable Train Detectors are magnetically mounted to the rail at the limits of the work zone. When a train passes the Portable Train Detector, an alert is sent to the PADs and PWLHs that a train is approaching to give the crew time to clear the tracks. The system can alert work crews on occupied or adjacent tracks. The system is used as a secondary warning to add a layer of safety to existing agency's procedures.

PORTABLE TRAIN DETECTOR KIT

Roadway Worker Protection System

SPECIFICATIONS

Battery life

Sound output

Dimensions / weight

Enclosure

Range

Portable Train Detector		
Battery life	12-24 hours (depending on number of alerts)	
Tx / Rx range HI-RES	800-3000 ft & meets FRA 15 second rule*	
Enclosure	Polycarbonate / IP51 (IP65 option), NEMA 4, 4x	
Operating temperature	-40°C to +85°C	
Dimensions / weight	6¾" x 10¼" x 5½" (17 x 26 x 14 cm) / 5 lbs (2 kg)	



PT-0501

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	7" x 8¾" x 5½" (17¾ x 22¼ x 14 cm) / 5 lbs (2 kg)	

12-24 hours (depending on number of alerts)

ABS plastic (with IP66 option) & sealed membrane

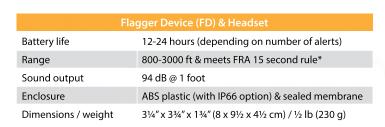
3¼" x 3¾" x 1¾" (8 x 9½ x 4½ cm) / ½ lb (230 g)

800-3000 ft & meets FRA 15 second rule*

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PT-0704 PT-0700EP



94 dB @ 1 foot

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)		

*Distances can be changed upon request

For operation, refer to the Protran Technology operation manual.



PT-0702 PT-0700EP

PT-0801

PROTRAN TECHNOLOGY

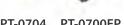
P.O. Box 417, Newton, NJ 07860 Phone (973) 250 4176 www.protrantechnology.com

03/28/2017











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
- of approaching train

United States (FCC): OUR-XBEE* Canada (IC): 4314A-XBEE* Europe (CE): ETSI*

Europe: RoHS / WEEE (upon

Audible and visual warnings

APPROVALS

*Specific to radio only

request)*

The Protran Technology, Harsco Rail equipment pictured in this brochure is intended to illustrate the general appearance and features of this product. It is equipped as specified by a particular customer and may or may not show items that are optional or recommended by Protran Technology, Harsco Rail. Specifications, illustrations, and descriptive materials herein were accurate as known at the time this publication was approved for printing. Protran

Technology, Harsco Rail reserves the right to discontinue models or options at any time or change specifications and materials, equipment and design

without notice and without incurring obligation. Protran Technology, Harsco Rail, is not responsible for operators, workers, and/or pedestrians that ignore or disregard the secondary warning, audible and visual alerts from the system. Contact Protran Technology for warranty information.