

ProTracker™

Track Walker/Worker - Train Operator Advance Warning Devices



Applications:

- Advance warning to train operator of walker or work crew ahead
- Advance warning to walker or work crew of approaching train
- Advance warning to trespassers of approaching train
- Advance warning of fire, biological, or chemical releases
- Flagger device for advance warning of danger for work crew
- Station train notification



Train Device (TD)

Placed in operators cab
4" x 4" x 2.5"
(10.16 cm x 10.16 cm x 6.35 cm)
Weight: 2 lbs. (.907 kg)



Portable Warning Light/Horn (PWLH)

Placed in work zone
14" x 6" x 8"
(35.56cm x 15.24 cm x 20.32 cm)
Weight: 7 lbs. (3.17 kg)



Headset, Personal Armband Device (PAD) and (FD)

Worn on the workers arm or hand held earpiece
2" x 1" (5.00 cm x 2.5 cm)
PAD and FD
4" x 6" x 1.5" (10.16 cm x 15.24 cm x 3.81 cm)
Weight: 1 lb. (.45 kg)

ProTracker™

Track Walker/Worker - Train Operator Early Alarm System

Description

The ProTran Technology ProTracker Train Device (TD) is designed to be mounted in the cab of a train. The train operator will be audibly and visually alerted of personnel near the train tracks who are wearing the ProTracker Personal Alert Device (PAD). These devices enhance existing safety layering and agencies existing procedures.

The ProTracker Personal Alert Device (PAD) and the Portable Warning Lights/Horn (PWLH) communicate with the Train Device (TD). Once a train is detected both the PAD and PWLH will turn on giving warning to the work crew of an approaching train. It will also warn the train operator of the work crew up ahead. Repeaters may be required for severe locations.

Specifications

Train Device (TD) P/N 370-3100-Y

DC Input	25-70 VDC @ 390mA maximum
Fuse Protected	1 amp
Transceiver Frequency	Proprietary/Secure
Tx/Rx Range	Consult factory on range required
Enclosure	Polycarbonate/NEMA 4, 4x, 12 + 13
Operating Temperature	-40°C to +85°C
Keypad	Durable Sealed Membrane Keypad – Eliminates Dust, Dirt and Moisture Failures
Enclosure	ABS Plastic – with IP66 Option
Power Requirements	3.0 VDC
Battery Type and Life For PAD Charging Battery Standard	All batteries are rechargeable. See factory for battery specifications.
Note: Current frequency settings are maintained in flash memory during battery replacement. No reprogramming of frequency setting is necessary.	
Battery Life for PWLH (Active Usage)	Up to 12-24 Hours (may vary based on number of activations per hour)
Battery Life (Off Mode)	Up to 1 year
RF Output Power	Varies based on range

Item	Part Number
Collision Avoidance V-V Unit	5040642
Portable Warning Horn / Light	5040648
Personal Alert Device (PAD)	5040646
Flagger Device (FD)	5040647

