

**MICRO TPASS Repeater -**  
A Small, Light Weight, Portable,  
Signal Repeating Device That  
Operates Interactively With Train  
Detector Extending the Range of  
the Track-Watch System.



**Features:**

- Enhances Two-Way Signaling Effectiveness with Track-Watch Train Detector
- Visual / Audio Activity Indicators Show Unit Is **ON** and Operational
- High Performance Radio Signal Repeating with No License Required
- Certifications: Intrinsically Safe per ANSI/UL-913 For use in Class 1, Division 1, Groups A, B, C and D Hazardous Locations; CSA C22.2 No.157-92,
- Meets FCC part 15 and Industry Canada requirements

**Track-Side Warning Alarm -**  
Receives Warning Signals from the  
Train Detector and Activates Loud  
Sirens, a Bright Flashing Strobe  
Light, and Notifies Personnel of an  
Emergency Situation



**Features:**

- Advanced Warning of Oncoming Rail Traffic
- Invaluable to All Personnel Working On Railways
- Extremely Loud Dual Warning Siren and Bright Strobe Light
- Smart-Signal Intelligent Repeating Action
- Self-Contained in a Weather Resistant Enclosure
- On/Off Key Switch for Security
- Rechargeable Long Life Battery with Low-Battery Indicator
- Easily Charges with 12VDC or 120VAC

# MAINTENANCE-OF-WAY SAFETY SYSTEM

## Track-Watch **Providing Advanced Warning** **Of Oncoming Rail Traffic**



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QUALITY SYSTEM  
REGISTERED TO  
ISO 9001-2000





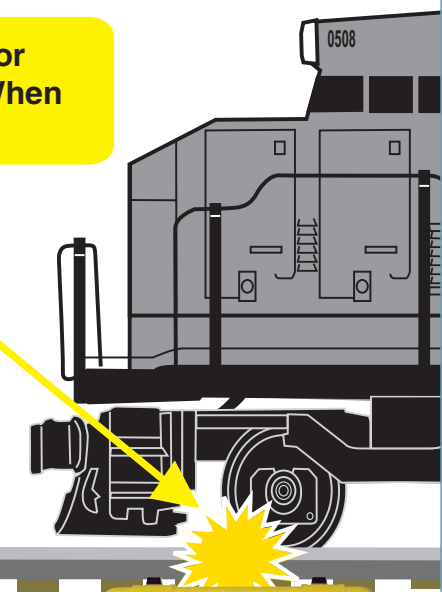
# Track-Watch MAINTENANCE-OF-WAY SAFETY SYSTEM

Crew's Track Watch Alarms Receive Warning of Approaching Rail Traffic



Supervisor's SuperCell SC500 Receives Warning Signal of Approaching Rail Traffic  
SC500 is Used to Remotely Reset Track-Watch Train Detector After Traffic has Passed

Track-Watch Train Detector Transmits Warning Signal When Locomotive is Detected



Track-Side Warning Alarm Receives Warning Signal and Activates Loud Sirens and Bright Strobe



MICRO TPASS Repeater Retransmits Warning Signal



Warning Signal Transmitted

Track-Watch Train Detector



Note: Graphic Illustration Not To Scale

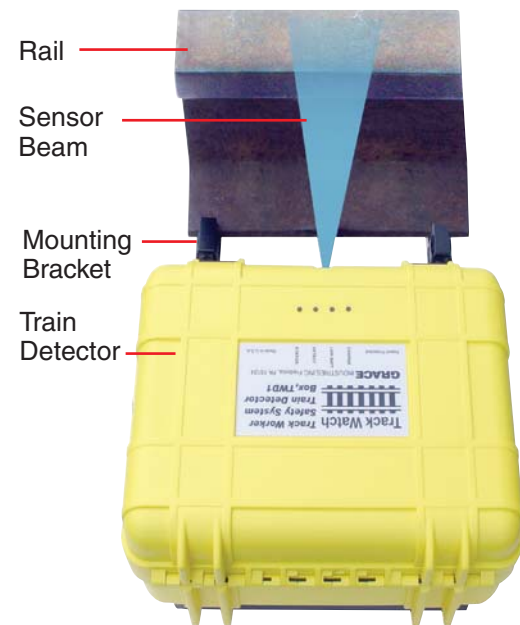
Track-Watch is an advance warning system that alerts Maintenance-Of-Way Crews of approaching rail traffic. The Track-Watch Train Detector senses oncoming rail traffic and immediately transmits a warning signal to the track worker's personal safety device. The TPASS® 3 Track-Watch and SuperCell™ SC500 are personal safety alarms that provide each worker with emergency notification with a loud, audible alarm, vibration alert and flashing LEDs. This advanced warning is very valuable to all personnel working on railroads, subways or other related infrastructure.

The Track Side Warning Alarm (optional) is a self contained accessory that incorporates dual warning sirens and a strobe light, both activated by the warning signal from the Track-Watch Train Detector. Track Side Warning Alarm provides the work crew with the added protection of an additional alarm.

### Track-Watch System Components Include:

- One Track-Watch Train Detector with Mounting Bracket
- Two MICRO TPASS Repeaters
- Six TPASS®3 Track-Watch Personal Safety Alarms
- One SuperCELL™ Model SC500
- One Track-Side Warning Alarm (optional)

## Track-Watch Train Detector - Sensor Is Activated By Passing Train and Immediately Transmits a Warning Signal To Personnel On Site.



### Features:

- Senses the Presence of Passing Rail Traffic
- Transmits Warning Signals to Worker's TPASS® 3, SC 500 and (optional) Track-Side Warning Alarm
- Easily Attaches To Rail with Included Mounting Bracket
- Remote Reset Capability Using SuperCELL™ SC500
- On/Off Key Switch for Security
- Tamper Sensor Automatically Alerts Personnel of Unauthorized Tampering
- Self-Contained In A Weather Resistant Enclosure
- Rechargeable Battery With Automatic Low-Battery Indicator
- Easily Charges with 12VDC or 120VAC
- License-Free 902-928 MHz ISM Band Operation

## TPASS® 3 Track Watch - A Small Personal Safety Alarm Activated by the Train Detector's Warning Signal of Oncoming Rail Traffic



### Features:

- Small, Light weight and very Loud 98dBA Alarm with Bright LEDs
- Receives Warning Signals from Track-Watch Train Detector and other Co-Worker's Personal Safety Alarms
- Easily Attaches to Belt or Work Clothing
- Smart-Signal Intelligent Repeating Action
- Powered by 9 volt alkaline battery, easily replaced
- Certifications: Intrinsically Safe per ANSI/UL-913, CSA C22.2 No.157-92. Meets FCC Part 15 and Industry Canada Req.

## SuperCELL™ SC500 - A Small, Light Weight, Personal Safety Alarm That Receives the Train Detector Warning Signal of Approaching Rail Traffic

### Features:

- Two-Way Signaling Enables Remote Reset of Train Detector
- Monitors Status of Other Personnel on Site
- Programmed Text Messaging
- Backlit LCD Screen for Easy Reading
- Audible and Vibrating Alerts
- Smart-Signal Intelligent Repeating Action
- Certifications: Intrinsically Safe per ANSI/UL-913, CSA C22.2 No.157-92. Meets FCC Part 15 and Industry Canada Req.

