Real-time Safety Monitoring of Confined Space and Lone Workers

Emergency Signaling ~ Simple and Easy

- “Man-Down”
- Emergency Signaling
- Motion Sensing
- Panic Alarm
- Evacuate Signaling
- Accountability
- Names and ID Display
- Affordable
- Simple to Use
- Easy to Learn
The **Portable Worksite Alarm** is a simple to use, high performance, alarm monitoring unit and is a primary component used in the Confined Space TPASS® Telemetry Safety Kit.

Strategically placed on the worksite, the **Portable Worksite Alarm** alerts supervisor of a worker emergency distress alarm.

receives transmitted **Panic/Distress and Lack-of-Motion Alarm Signals** from workers wearing TPASS®3 or other Grace emergency signaling products.

**Portable Worksite Alarm**

**Portable Worksite Alarm**

**Portable Worksite Alarm**

with the Following Features

- Monitors Distress Alarm Signals from TPASS® 3
- On/Off Key Switch for Security
- Extremely Loud Dual Warning Sirens and Bright Strobe Light
- Smart-Signal Intelligent Repeating Action
- Self-Contained in a Weather Resistant Enclosure
- Rechargeable Long Life Battery with Low-Battery Indicator
- Charges from 12VDC or 120VAC
- Reset Button to Clear Alarm Conditions
- Remote Reset Capability from SuperCELL® SC500
Simple EVACUATION Signaling

- EVACUATION Signal
- Repeated Signal

Simple ACCOUNTABILITY and Distress Alarm Monitoring

- Emergency Alarm Signal

Portable Worksite Alarm Specifications

- **Dimensions:** 16” High, 16 1/2” Wide, 8 3/4” Deep
- **Weight:** 12 lbs.
- **Case:** Safety Yellow, Rugged, Impact and Weather Resistant Plastic
- **ALARM:** Dual (120 dBA) sirens and bright flashing strobe light activated when Alarm Signal is received
- **Controls:** On/Off Key Switch for Enhanced Security
- **Power:** Internal 12 Volt rechargeable lead-acid battery; External 120VAC or 12VDC power with included power adapters
- **Battery Life:** Up to 100 hours continuous monitoring, and up to 24 hours when Alarm is active.
- **Recharging Time:** Approximately 6 hours
- **Long Term Battery Life:** 3 to 5 years
- **System Indicators:** 4 bright LEDs indicating system and battery status
SuperCELL® SC500 is a high performance radio signaling device with advanced features including an adjustable time-out, ‘man-down’ alarm, and alarm monitoring system. With up to 80 hours of use between charges, the need to change batteries is eliminated.

**SuperCELL® SC500 is Intrinsically Safe and Rechargeable with the Following Features**

- Alarm Monitoring
- Evacuate Signaling
- Certified Intrinsically Safe to UL913 and CSA C22.2 No. 157 for Use in Hazardous Locations
- For Use In Hazardous, Flammable, Combustible Areas Including Acetylene, Hydrogen, Ethylene, Propane; and Grain, Metal, Carbonaceous Dusts
- Pre-programmed Text Messaging Capability
- High Performance Two-Way Radio Signaling - No License Required
- Meets FCC Part 15 and Industry Canada Requirements
- Motion Sensing Feature: Time to Alarm is User-Selectable
- Monitoring of Other SuperCELL® or TPASS® Alarm Signals

www.graceindustries.com
1.800.969.6933
User Selectable Settings for “No-Motion” Alarm
(Includes a 12-second Pre-Alert)

- 30 Seconds
- 45 Seconds
- 60 Seconds
- 75 Seconds
- 90 Seconds
- 105 Seconds
- 120 Seconds
TPASS® 3 is a two-way emergency radio signaling, ‘man-down’ alarm featuring very loud audible sound and flashing LEDs. This safety alarm provides workers with a high performance emergency signaling device for their protection in dangerous and hazardous environments.

TPASS® 3 is compatible with Grace Industries’ Telemetry and Accountability Systems and is available with alkaline or internal rechargeable battery.

TPASS® 3 is Intrinsically Safe and Available as a Rechargeable unit with the Following Features

- Emergency ‘Man-Down’ and Evacuate Signaling
- Certified Intrinsically Safe to UL913 and CSA C22.2 No. 157 for Use in Hazardous Locations
- High Performance, Two-way Radio Signaling - No FCC License Required
- Available with Auto-On or Manual Activation
- Accountability by Telemetry or Accountability Key
- Rugged, Durable, Lightweight and Compact

www.graceindustries.com
1.800.969.6933
TPASS®3 Features

- Unique LED Patterns Illuminate Case During ON, Pre-alert and Alarm
- Antenna
- Alarm Button
- Reset Buttons
- D-Ring and Resonating Sound Ports
- TPASS®3 Shown with Accountability Key in Place

TPASS®3 Specifications

Dimensions: 2-1/8” wide, by 2-1/4” deep (with clip), 4-1/8” high (with antenna)

Weight: 7.9 ounces

Alarm Audio Output: 98+dBA @ 10 feet

Case: Apache Yellow, translucent polycarbonate, rugged, impact and high temperature resistant. Entire case glows during Sensing, Pre-Alert, and Alarm

Methods of Attachment: Rugged Grip Clip and D-ring for versatility in attaching to clothing

Antenna: Small, rugged and replaceable

Radio Frequency: 902-928MHz, ISM License Free Spread Spectrum

Alkaline Models: 9 volt alkaline battery life estimated 30 hrs in Sensing mode or 4 to 6 hours in Alarm mode.

Rechargeable Models: Internal rechargeable lithium battery life estimated 80 hrs Sensing mode or 6-8 hrs Alarm mode.

Certifications: Intrinsically Safe per ANSI/UL913 For use in Class 1, Groups A, B, C, D Hazardous Locations.

CSA C22.2 No. 157-92

FCC part 15, Industry Canada certified

Available Settings for “No Motion” Alarm (Includes a 12-second Pre-Alert)

- 30 Seconds
- 60 Seconds
- 90 Seconds
- 120 Seconds

www.graceindustries.com
1.800.969.6933
MICRO TPASS® REPEATER is a small, portable, lightweight, signal repeating device that operates interactively with Grace Telemetry Systems.

By receiving and retransmitting radio signals from Grace telemetry products, the MICRO TPASS® REPEATER enhances system performance in large, complex buildings, high-rise structures and other difficult environments.

MICRO TPASS® REPEATER is compatible with Grace Industries’ Telemetry and Accountability Systems

**Micro TPASS® Repeater is Intrinsically Safe and Available as a 9Volt Alkaline or Externally Powered unit with the Following Features**

- Enhances system performance by receiving and retransmitting radio signals
- Certified Intrinsically Safe to UL913 and CSA C22.2 No. 157 for Use in Hazardous Locations (9V Alkaline powered)
- High Performance, Two-way Radio Signaling - No FCC License Required
- Visual LED and Audio Activity Indicators show unit is ON and working properly
- Rugged, Lightweight and Portable
**MICRO TPASS® Repeater Specifications**

- **Dimensions:** 2-1/8" wide, 2-1/4" deep (with clip), 4-1/8" high (with antenna)
- **Weight:** 7.9 ounces
- **Audio Output:** 98+dBA @ 10 feet
- **Case:** Apache Orange, translucent polycarbonate, rugged, impact and high temperature resistant. Entire case glows when Repeating Signals
- **Methods of Attachment:** Rugged Grip Clip and D-ring for versatility in attaching to clothing
- **Antenna:** Small, rugged and replaceable
- **Radio Frequency:** 902-928MHz, ISM License Free Spread Spectrum
- **Battery:** Duracell 9 volt alkaline battery life typically 30 hours in ON mode.
- **Certifications:** Intrinsically Safe per ANSI/UL913 For use in Class 1, Division 1, Groups A, B, C, D Hazardous Locations.
  - CSA C22.2 No.157-92
  - FCC part 15, Industry Canada certified