

TAC3



- **TELEMETRY ACCOUNTABILITY**
- **MAYDAY DISTRESS CALL**
- **EVACUATION**

TAC 3, in combination with **IN-COMMAND** (see back page), provides **Total Firefighter Accountability**. The TAC 3 combines radio signal *transmitting* and *receiving*, creating a highly *advanced* two-way signaling safety system. TAC 3 receives Evacuation signals transmitted from IN-COMMAND and alerts the Firefighter to EVACUATE. A MAYDAY button on the front of the unit activates a loud audible alarm and transmits a distress radio message back to IN-COMMAND showing the Firefighter(s) in distress by name. These high performance radio telemetry signals use encrypted data for reliable and secure signaling. The TAC 3 is compatible with integrated PASS systems, and can operate with all existing Grace Industries' Telemetry Systems.

TAC 3 Provides An Improved Level Of Safety For Firefighters, With The Following Outstanding Features . . .

- **Emergency Firefighter Evacuation**
- **Telemetry Accountability Protection With or Without SCBA**
- **MAYDAY Signaling: Immediate Notification of MAYDAY to IN-COMMAND**
- **Certification: Intrinsically Safe to UL913**
- **Two Models Available: Auto On or Manual Activation**
- **High Performance Two-Way Radio Signaling: No FCC License Required**
- **Automatic Acknowledgment: IN-COMMAND Verifies that Each Firefighter has Received the Evacuate Message, as well as PAR and ROLL CALL signals**
- **Firefighter Acknowledgment: By Pressing Both Side Buttons, A Manual Acknowledgment is Transmitted Confirming Receipt Of Evacuation Command or PAR and ROLL CALL Signals**
- **Proprietary "Smart-Signal" Technology: Significantly Improves Radio Signal Effectiveness**
- **TAC 3 Is *Not a PASS Device*, But Performs as an Automated Accountability and Two-Way Emergency Signaling System**

TAC 3 FEATURES AND SPECIFICATIONS



Certified Intrinsically Safe: UL913, for use in Class I, Division 1, Groups A, B, C and D Hazardous locations.

Dimensions: 2-1/8" wide by 4-1/8" high by 1-5/8" deep.

Weight: Eight ounces with battery (w/out key).

Alarm Audio Output: 98+ dBA @ 10 feet.

Case: Rugged, Orange polycarbonate. Entire case glows during the ON and Alarm modes.

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

Sound Discernability: 6 dBA against given background noise.

Battery: Duracell MN 1604, 9 volt alkaline recommended.

Battery Life: Estimated at over 100 hrs in ON mode and 2 to 4 hours in the ALARM mode.

Radio: High performance transceiver, frequency 902-928 MHz, No FCC License required.

Signaling: Two-way signaling, Send alarm signals, Receive Evacuate or Call-Back Signals.

Antenna: Robust design which aids in signal propagation. Threaded antenna for easy field replacement.

Alarm Transmission: A 1.5 second burst of RF transmissions occurring every 4.5 seconds.

Range: Dependent upon environmental conditions.

Product Life: Approx. 3 to 7 years or longer depending on fitness for use. Fitness for use is best determined by the end user through a proper inspection and maintenance program.



IN-COMMAND

Two-way signaling PC based, wireless Man-Down signaling system which provides rapid notification of emergency MAYDAY alarm signals and has the ability to send EVACUATE messages to **one** or up to **3,168** firefighters on the scene. **Watchdog** Automatically Data-logs with time and date stamp of all events for easy data retrieval.



Watchdog System Monitor

IN-COMMAND PC Based System



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QUALITY SYSTEM
REGISTERED TO
ISO 9001-2000