



# Frequently Asked Questions

## MSA's MotionAlert™ and InstantAlert™ Features

**Q:** When do I need MotionAlert and InstantAlert features?

**A:** MSA's MotionAlert feature is an excellent tool when additional alarms might be required. A typical gas detector only reacts to the gases for which sensors are installed. If a worker is down due to hazardous gas exposure or other threats, the MotionAlert feature will alarm and alert others in the area. InstantAlert feature is a manual alarm activated by the user to alert others of potentially hazardous situations.

**Q:** Is the instrument still intrinsically safe with the addition of the MotionAlert & InstantAlert features?

**A:** Yes, MSA's Altair® 4 and Altair 5 Multigas Detectors carry global approvals and are intrinsically safe with both MotionAlert and InstantAlert features.

**Q:** Do MotionAlert & InstantAlert features comply with the current NFPA Personal Alert Safety System (PASS) Standard?

**A:** Both MSA's MotionAlert and InstantAlert features are unique to gas detection and are not intended for use in areas where PASS device NFPA compliance is required.

**Q:** Does my MotionAlert feature operate in a similar manner to that of a PASS device?

**A:** Yes, MSA's MotionAlert feature operation is very similar to that of a PASS

device; first warnings and second warnings can be reset by moving the device, and will alarm after 20 and then 24 seconds of no detected movement. Final alarm sounds after 30 seconds of no detected movement and can only be reset by pressing the reset button.

**Q:** Does MSA's MotionAlert feature replace SCBA PASS devices?

**A:** MotionAlert feature provides an additional alarm when entering a confined space or other potentially hazardous areas. MotionAlert feature is integrated within MSA's Altair 4 and Altair 5 Multigas Detectors but does not replace SCBA PASS devices.

**Q:** Is there an additional cost for MotionAlert and InstantAlert features?

**A:** Both features are standard on Altair 5 Multigas Detectors; InstantAlert feature comes standard in Altair 4 Multigas Detectors; MotionAlert feature is optional.

**Q:** While seated for lunch, will my MotionAlert feature activate?

**A:** MSA has optimized the sensitivity of the MotionAlert feature. As long as slight movement is detected, the unit will not alarm; however, the best option is to disable the MotionAlert feature when not in use or by simply deactivating the unit.



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## MSA's ALTAIR® 5 Multigas Detector

**Q:** Can the Altair 5 Multigas Detector be modified to include an IR sensor?

**A:** MSA's Altair 5 Multigas Detector's IR sensor uses a different PCB, rear case, and battery pack so it cannot be modified to include an IR sensor.

**Q:** Can I upgrade my diffusion model to include an internal pump?

**A:** Yes; however, you will also need to replace your Altair Galaxy® Test System.

**Q:** Is it necessary to purchase different calibration gas than that used for the Altair 4 Multigas Detector?

**A:** The calibration gas for combustible/O<sub>2</sub>/CO/H<sub>2</sub>S versions is exactly the same as that used for Altair 4 or Solaris® Multigas Detectors. Specific calibration gas is only required for additional sensors such as Cl<sub>2</sub> or HCN.

**Q:** Is an extended warranty available for the Altair 5 Multigas Detector?

**A:** Altair 5 Multigas Detector components (pump, display, battery, sensors, etc.) vary greatly and will therefore complicate applying a comprehensive extended warranty price.

**Q:** Can the battery pack be hot-swapped in the field?

**A:** The Altair 5 Multigas Detector's alkaline and lithium-ion battery packs are interchangeable; however, these batteries should not be changed or charged in hazardous locations.

**Q:** Can I use the ALTAIR 4 Multigas Detector's charging cradle for the ALTAIR 5 Multigas Detector?

**A:** Although the power supply for both is the same; the charging cradles are sized to match the particular Altair model and are not interchangeable.

**Q:** Will one Galaxy Test System work for both diffusion and pumped Altair 5 Multigas Detectors?

**A:** Galaxy Test System units are specific for diffusion or pumped versions. The Altair 5 Multigas Detector diffusion version requires the Galaxy Test System to be equipped with an internal pump. The Altair 5 Multigas Detector with internal pump does not require a Galaxy Test System with pump.

**Note:** This Bulletin contains only a general description of the products shown. While uses and performance capabilities are described, under no circumstances shall the products be used by untrained or unqualified individuals and not until the product instructions including any warnings or cautions provided have been thoroughly read and understood. Only they contain the complete and detailed information concerning proper use and care of these products.



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**Corporate Headquarters**  
P.O. Box 426, Pittsburgh, PA 15230 USA  
Phone 412-967-3000  
[www.MSAnet.com](http://www.MSAnet.com)

**U.S. Customer Service Center**  
Phone 1-800-MSA-2222  
Fax 1-800-967-0398

**MSA Canada**  
Phone 1-800-672-2222  
Fax 1-800-967-0398

**MSA Mexico**  
Phone (52) 55 2122 5770  
Fax (52) 55 5359 4330

**MSA International**  
Phone 412-967-3354  
FAX 412-967-3451

**Offices and representatives worldwide**  
For further information:

**MSA**  
The Safety Company