



gas clip technologies Multi Gas Clip Simple Plus Portable Gas Detectors User Guide

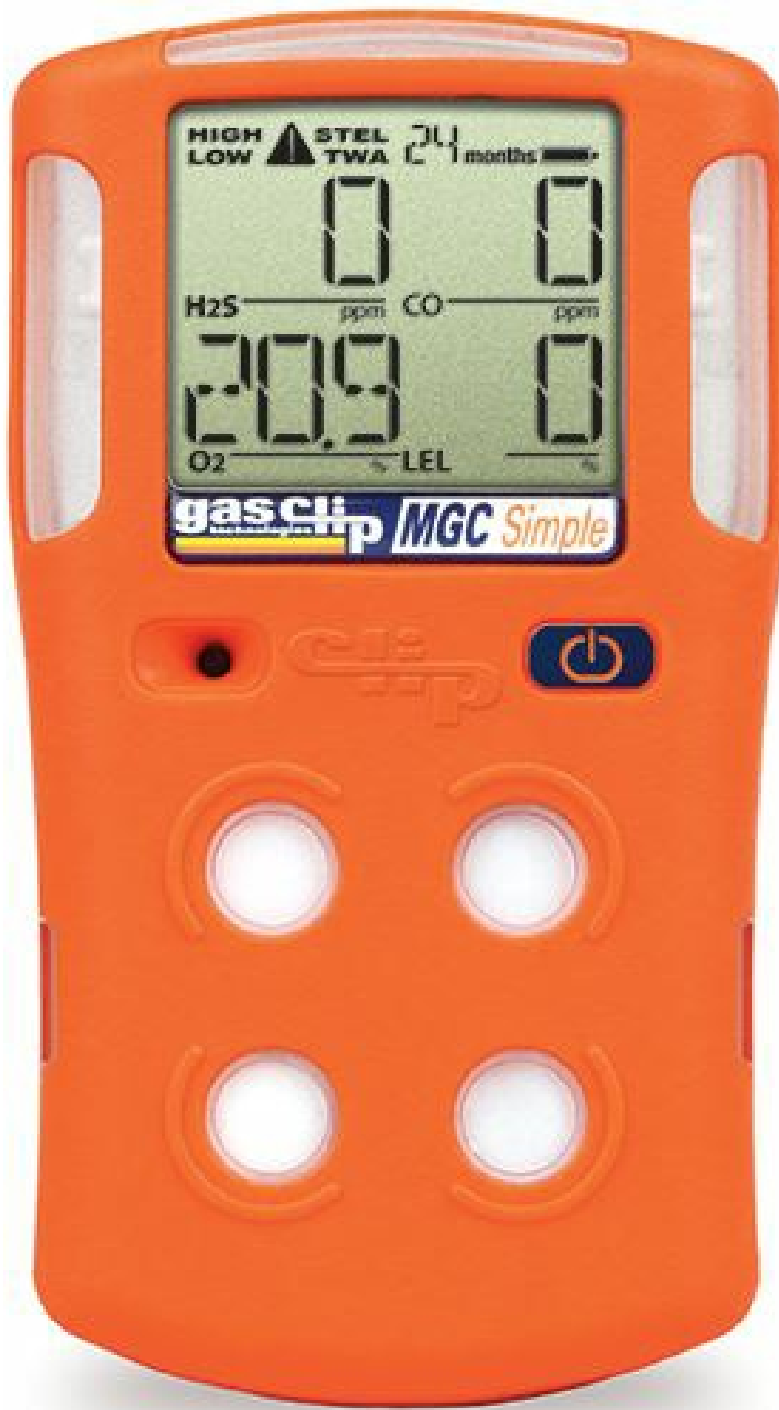
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gas clip technologies Multi Gas Clip Simple Plus Portable Gas Detectors



Product Information

Multi Gas Clip Simple Plus

The Multi Gas Clip Simple Plus is a portable personal safety device designed to detect the presence of hydrogen sulfide (H₂S), carbon monoxide (CO), oxygen (O₂), and combustible gases (LEL). It is designed in such a way that the battery won't need charging or replacing during the life of the detector. Once activated, the detector will display 36 months of life remaining and will continue to countdown and display months remaining until 30 days remain. The display will then show the days remaining until the end of life. The product comes with factory default alarms for different sensors.

Product Usage Instructions

Before using the Multi Gas Clip Simple Plus, ensure that you have been properly trained on the use of the detector and the appropriate actions to take in the event of an alarm condition.

Display Components

The detector has six display components as follows:

1. Alarm Condition Icon
2. Life Remaining
3. Calibration/Test Mode
4. Battery Indicator
5. Gas Readings
6. Gas Identifiers

Users must familiarize themselves with the icons in both alarm and non-alarm states. If the display is missing icons, or cannot be clearly read, discontinue use and contact Gas Clip Technologies.

Turning On the Detector

To activate the detector, press and briefly hold down the power/menu button. The detector will begin to display Gas Readings immediately. Each Gas Identifier will show a chasing 0 for the Gas Reading while it is stabilizing and self-testing. Once all Gas Identifiers have completed the warm-up and stabilization sequence, the detector is ready to use.

Additional Questions

For additional information on the Multi Gas Clip Simple Plus gas detector regarding programming, bump testing, calibrating, etc., please refer to the Multi Gas Clip Simple Plus User's Manual. The manual and other helpful videos & information are available for viewing or download at www.gascliptech.com. For any queries, contact Gas Clip Technologies, Inc. at:

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Battery Information

This detector is designed so that the battery won't need charging or replacing during the life of the detector.

Detector Life Countdown

Once activated, the detector will display 36 months of life remaining. The detector will continue to countdown and display months remaining until 30 days remain. The display will then show days remaining until end of life.

Additional Questions?

For additional information on the Multi Gas Clip Simple Plus gas detector regarding programming, bump testing, calibrating, etc., please refer to the Multi Gas Clip Simple Plus User's Manual. The manual and other helpful videos & information are available for viewing or download at www.gascliptech.com.

Contact Information

Gas Clip Technologies, Inc.

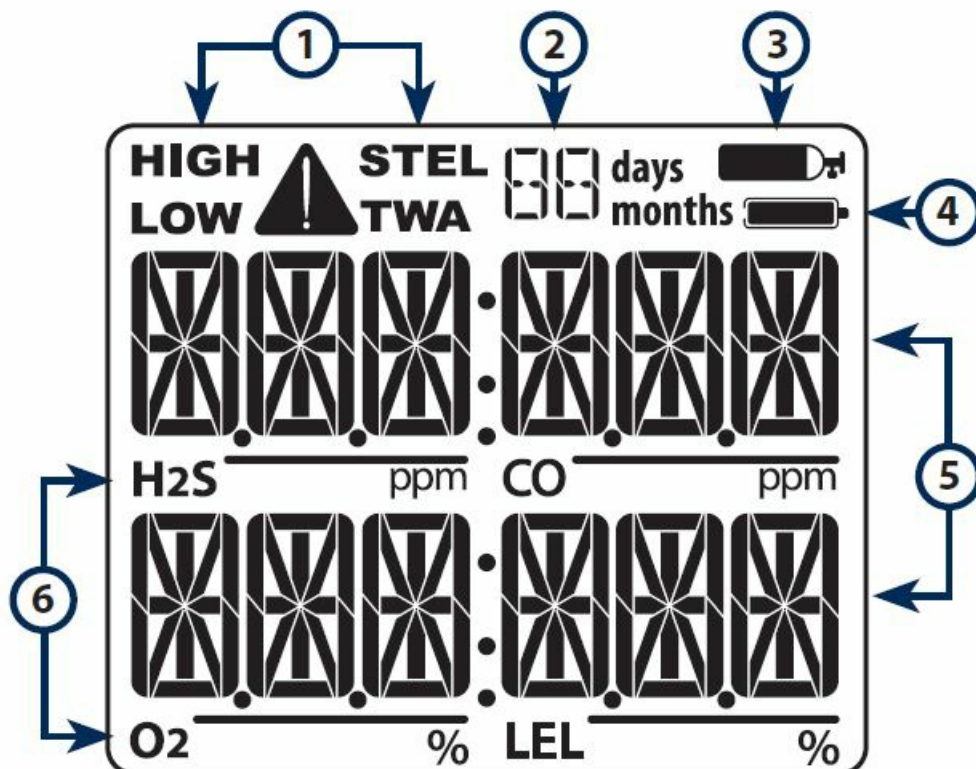
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READ FIRST BEFORE THE OPERATION


The Multi Gas Clip Simple Plus is a personal safety device designed to detect the presence of hydrogen sulfide (H₂S), carbon monoxide (CO), oxygen (O₂) and combustible gases (LEL). Before the operation, ensure that you have been properly trained on the use of the detector and the appropriate actions to take in the event of an alarm condition.

Display Components



Icon Description

1. Alarm Condition
2. Life Remaining
3. Calibration/Test Mode
4. Battery Indicator
5. Gas Readings
6. Gas Identifiers

When a Gas Reading (5) exceeds its alarm threshold, the detector will go into visual, vibrating and audible alarm. On the display, the  icon will appear beside the Alarm Condition (1) and the associated Gas Identifier (6) will flash off and on continuously.

Warning – Users must familiarize themselves with the icons in both alarm and non-alarm states.

Warning – If the display is missing icons, or cannot be clearly read, discontinue use and contact Gas Clip Technologies.

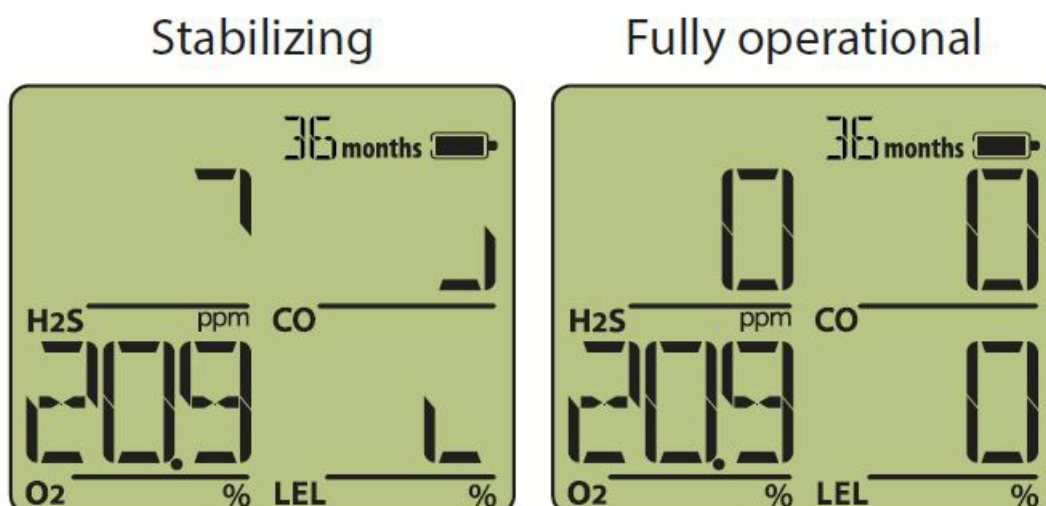
Warning – The IR LEL sensor will not detect hydrogen (H₂) or acetylene (C₂H₂) gases however, due to their cross-sensitive nature, the CO sensor will go into alarm well below 10% LEL.

Factory Default Alarms

Sensor	LOW	HIGH	TWA	STEL
H ₂ S	10 ppm	15 ppm	10 ppm	15 ppm
CO	35 ppm	200 ppm	35 ppm	50 ppm
O ₂	19.5%	23.5%		
LEL	10%	20%		

Turning On the Detector

Once activated, the detector will run continuously for 36 months. To activate, press and briefly hold down the power/menu button. The detector will begin to display Gas Readings (5) immediately. Each Gas Identifier (6) will show a chasing “0” for the Gas Reading (5) while it is stabilizing and self-testing. Once all Gas Identifiers (6) have completed the warm-up and stabilization sequence, <65 seconds, the detector is ready to detect all applicable gases. The display will show.



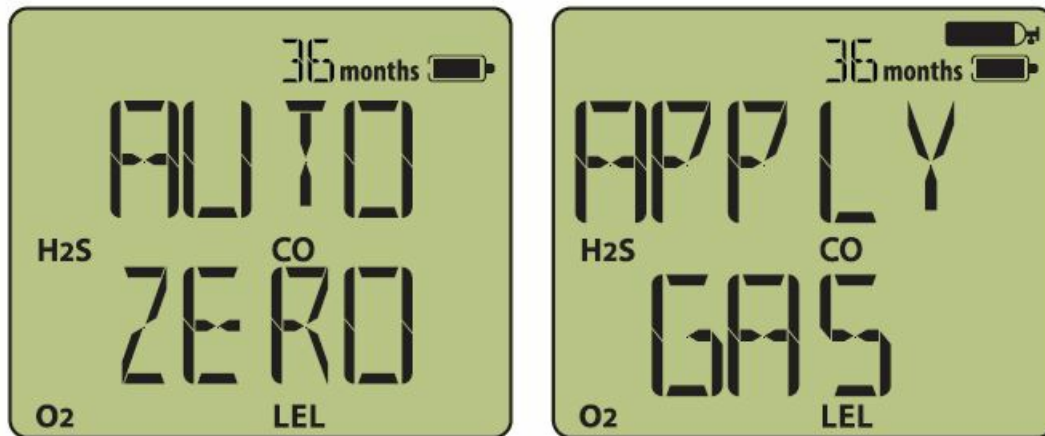
Warning – Before each use, check that all sensor and alarm ports are clear of any debris or obstructions.

Bump Testing and Calibrating

These operations can be performed manually or automatically using the MGC Simple Clip Dock. Refer to the Multi Gas Clip Simple Plus User's Manual for instructions.

Auto Zeroing

Continuously hold down the power/menu button to auto-zero the detector. The display will show "ZERO" and count down from 3 to 1, followed by "ZERO OK". Release the button when the display shows "ZERO OK". The display will change to "AUTO ZERO". Wait a few seconds, then press the button briefly when the display shows "APPLY GAS". The detector has been successfully auto-zeroed.



Warning – DO NOT auto-zero the detector in a combustible atmosphere.

Warning – DO NOT auto zero in temperatures above 104°F (40°C) or below 32°F (0°C).

Documents / Resources

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References

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