gas clip technologies

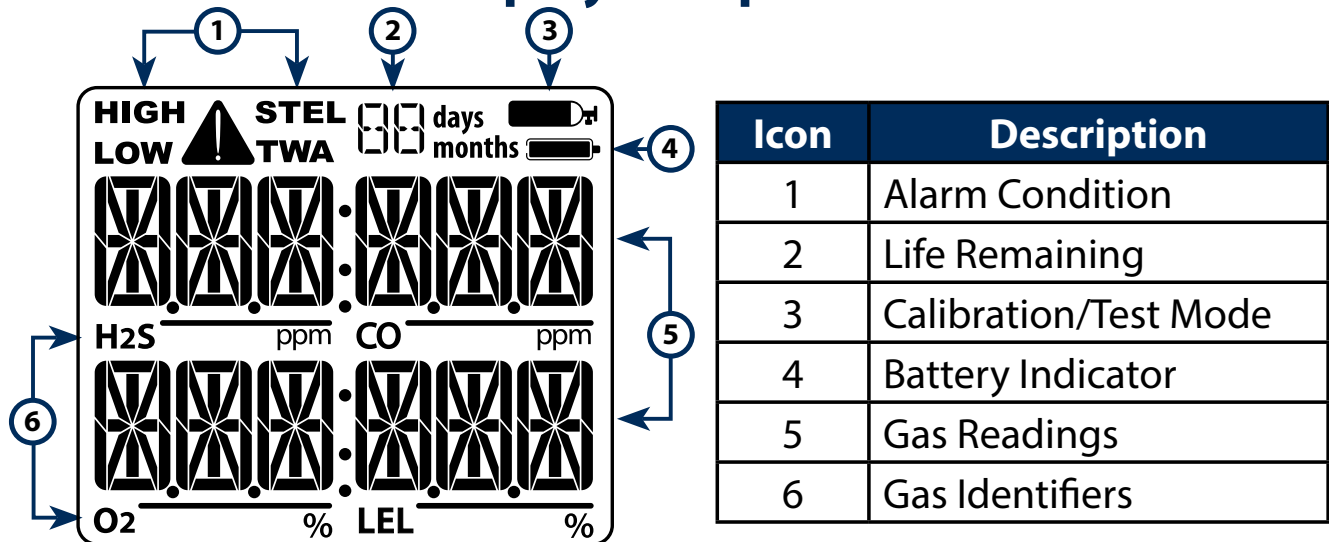## Portable gas detectors you can count on

Multi Gas Clip
Simple Plus

Quick-Start Guide

⚠️ READ FIRST BEFORE OPERATION

The **Multi Gas Clip Simple Plus** is a personal safety device designed to detect the presence of hydrogen sulfide (H_2S), carbon monoxide (CO), oxygen (O_2) and combustible gases (LEL). Before 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 (H_2) or acetylene (C_2H_2) gases however, due to their cross-sensitive nature, the CO sensor will go into alarm well below 10% LEL.*
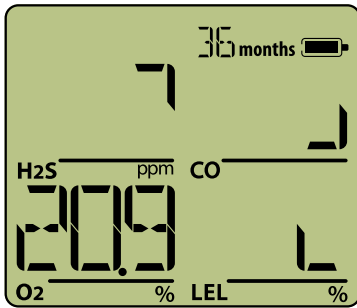
Factory Default Alarms

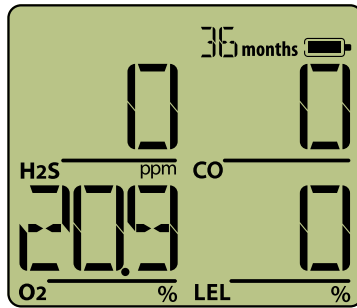| Sensor	LOW	HIGH	TWA	STEL
H_2S	10 ppm	15 ppm	10 ppm	15 ppm
CO	35 ppm	200 ppm	35 ppm	50 ppm
O_2	19.5%	23.5%		
LEL	10%	20%		

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. Once activated, 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. Display will show:
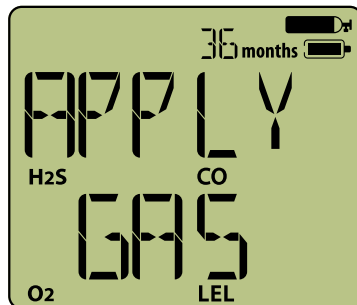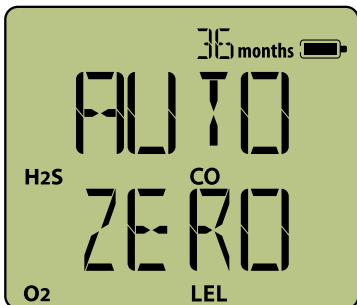
Stabilizing	Fully operational

⚠️ **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. Display will show "ZERO" and count down from 3 to 1, followed by "ZERO OK". Release button when display shows "ZERO OK". The display will change to "AUTO ZERO". Wait a few seconds, then press the button briefly when display shows "APPLY GAS". 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).*

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. Detector will continue to countdown and display months remaining until 30 days remain. 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.

305 W. FM 1382, Suite 540

Cedar Hill, TX 75104 USA

Phone: +1.972.775.7577
Fax: +1.972.775.2483
Toll Free: 1.877.525.0808
E-mail: info@gascliptech.com
Website: www.gascliptech.com

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