

# GasAlertMicroClip

H<sub>2</sub>S, CO, O<sub>2</sub>, Combustibles

**BW** Technologies  
by Honeywell

## Multi-Gas Detector



ACTUAL SIZE

### Protect Yourself

- △ Rugged, ultra-compact (4.2 x 2.4 x 1.1 in / 10.7 x 6.0 x 2.7 cm) and lightweight (5.6 oz. / 160 g)
- △ Simple one-button operation
- △ Standard datalogger (16 hours) and event logger (10 events)
- △ Durable stainless steel alligator clip
- △ Integral concussion-proof boot for the most rugged environments
- △ Continuous LCD shows simultaneous gas concentrations for H<sub>2</sub>S, CO, O<sub>2</sub>, and combustibles (0-100% LEL or 0-5.0% Methane)
- △ Powered by a lithium polymer battery (run-time typically 12 hours; recharges in less than 3 hours)
- △ Provides 95 dB alarm tone (typical) and bright wide-angled alarm bars
- △ Equipped with internal vibrating alarm for high noise areas
- △ Backlight: in alarm (auto) and on demand reactivation
- △ Four alarm levels: Instant Low and High Alarm for all gases; TWA (time weighted average) and STEL (short term exposure limit) for H<sub>2</sub>S, CO; OL (over limit alarm)
- △ Simple one-button automatic calibration procedure
- △ Fully compatible with BW's MicroDock II automatic test and calibration system
- △ Records TWA, STEL and maximum exposures to gas and displays readings on command
- △ User selectable options include: confidence beep, latching alarm, calibration due date, bump due date, "SAFE" display function, multi-language, span concentration values, combustible sensor measurement selection (0-100% LEL or 0-5.0% v/v methane) and stealth mode
- △ Full function self-test of sensor, battery, circuitry and audible/visual/vibration alarms
- △ Delivered ready for use with sensors, lithium polymer battery, stainless steel alligator belt clip, calibration hose/cap and instructions

**Water  
Resistant**

### Ordering Information

GasAlertMicroClip is delivered ready for use with sensors (as specified), stainless steel alligator clip, battery charger, calibration cap/hose, instructions in local languages and interactive training CD.

H <sub>2</sub> S, CO, O <sub>2</sub> , LEL	MC-XWHM-Y-NA-00
H <sub>2</sub> S, O <sub>2</sub> , LEL	MC-XWH0-Y-NA-00
CO, O <sub>2</sub> , LEL	MC-XW0M-Y-NA-00
O <sub>2</sub> , LEL	MC-XW00-Y-NA-00
H <sub>2</sub> S, CO	MC-00HM-Y-NA-00

#### Value Added Confined Space Kits

Kits include detector, standard accessories plus an IR Connectivity Kit, hard-sided, foam-lined carrying case, sampling equipment and calibration gas cylinders(s) with regulator(s).

H <sub>2</sub> S, CO, O <sub>2</sub> , LEL	MC-XWHM-Y-NA-07
H <sub>2</sub> S, O <sub>2</sub> , LEL	MC-XWH0-Y-NA-10
CO, O <sub>2</sub> , LEL	MC-XW0M-Y-NA-16
O <sub>2</sub> , LEL	MC-XW00-Y-NA-22
H <sub>2</sub> S, CO	MC-00HM-Y-NA-25

Note: for regions outside North America, replace "NA" with:  
EU: Europe UK: United Kingdom AU: Australia CN: China/New Zealand CH: Switzerland  
OR: Other regions with 3-pin UK plug OE: Other regions with 2-pin EU plug

#### Accessories

IR Connectivity Kit	GA-USB1-IR
MicroDock II Charging Module (w/power supply)	DOCK2-0-1C1L-00-N
SamplerPak (motorized sampling pump)	GA-SPAK
Manual Sampling Kit (aspirator pump)	MC-AS01
Vehicle charger kit	MC-VC-K1
5-unit charger cradle charger	GA-C06-MC5
5-unit charger power adaptor	GA-PA-1-MC5

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**ISO**  
ISO9001:2000  
Registered



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## Multi-Gas Detector

The GasAlertMicroClip offers simultaneous monitoring of up to four gases (H<sub>2</sub>S, CO, O<sub>2</sub> and combustibles) in a rugged, ultra-compact housing perfectly suited for confined space entry, HAZMAT response, and a wide range of other applications requiring gas monitoring.

The simple one-button operation provides ease of use in potentially hazardous situations. To create optimum user safety, the GasAlertMicroClip also features audible, visual and vibrating alarms in the event of Low, High, TWA and STEL alarm conditions.

With user selectable options and a rechargeable lithium polymer battery providing up to 12 hours of run-time (typically), the GasAlertMicroClip will meet the needs of most atmospheric monitoring situations.



### For further information:

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1-800-663-4164	Canada
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+33 (0) 442-98-17-70	France
+971-4-8871766	Middle East
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+1-403-248-9226	Other Countries

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## SPECIFICATIONS

<b>DETECTOR:</b>	1, 2, 3 or 4-gas detector
Auto zero:	Yes
Calibration:	Automatic
Backlight:	Alarm condition (auto) and reactivation on demand
Sensor:	Plug-in, electrochemical cell (toxic and oxygen); plug-in, catalytic bead (LEL)
User options:	Adjustable STEL period (5 to 15 minutes in 1 minute intervals); set calibration span levels and due date; toggle ON/OFF; oxygen auto-calibration at start-up; auto-zero LEL, CO and H <sub>2</sub> S on start-up; latching alarms; "SAFE" display function (does not display gas concentrations unless detector goes into alarm); stealth mode for silent operations; force calibration when calibration overdue; calibration lockout (calibration must be invoked via IR); force bump test; bump test reminder; multi-language LCD selection in English, French, German, Portuguese and Spanish; 0-100% LEL (Lower Explosive Limit) or Methane gas 0-5.0% v/v selectable measurement; alarm setpoint disable (set to zero for off); calibration due date (1 to 365 days, or set to zero for off); confidence beep (every 10 seconds when enabled); individual sensor enable/disable
<b>ALARM INDICATORS:</b>	Clearly advises alarm levels with visual, audible and vibrating alarms
Visual alarms:	Wide-angled flashing LED alarm bars
Audible alarm:	LCD indicates gas present and alarm levels encountered
Vibrator alarm:	95+ dB variable pulsed audible alarm at 11.81 in. / 30 cm (100 dB typical)
Other:	Pulses warning in gas alarm conditions, or for any status alarms
<b>ALARM LEVELS:</b>	Low battery, over range, multiple gas and missing sensor
<b>ALARM LEVELS:</b>	Instantaneous Low Alarm for all gases; instantaneous High Alarm for all gases; TWA (time weighted average) and STEL (short term exposure limit) for H <sub>2</sub> S, CO; OL (over limit alarm)
<b>LCD:</b>	Continuous, alphanumeric gas readout and status display advises:
Gases monitored:	H <sub>2</sub> S, CO, O <sub>2</sub> , combustibles (0-100% LEL or 0-5.0% v/v methane)
Gas concentration:	Simultaneous and continuous display of gas concentration(s) present (in ppm, %LEL, or % v/v)
STEL/TWA ppm:	Records STEL and TWA exposures and displays on demand
Peak ppm or %:	Records and displays peak exposure to gas and displays on demand
Alarm setpoints:	Displayed on activation
<b>TESTS:</b>	
Full function self-test:	Full function self-test of sensor integrity, circuitry, battery and audible/visual alarms on activation
Battery:	Continuous
<b>GENERAL SPECIFICATIONS:</b>	Rugged, composite material with integral concussion-proof boot
Operating temperature:	-4 to 136 °F / -20 to 58 °C
Temperature code:	T4
Humidity:	0% to 95% RH (non-condensing)
EMI/RFI:	Complies with EMC Directive 89/336/EEC
Ingress Protection:	IP66/67 (expected)
Battery run-time:	Up to 12 hours (typical)
Size:	4.2 x 2.4 x 1.1 in. / 10.7 x 6.0 x 2.7 cm
Weight:	5.6 oz. / 160 g
<b>EVENT LOGGING:</b>	Records and transmits up to 10 gas alarm events
Event information:	Gas type; peak exposure level (ppm or %); alarm duration in minutes and seconds; time elapsed since the alarm occurred in days, hours and minutes; life remaining; serial number; self-tests; cumulative alarm time
<b>DATALOGGER:</b>	User-downloadable datalogger
Data recorder:	All events and occurrences
Sampling rate:	Factory set at 15-second intervals
Storage:	16 hours; when full, the wraparound feature replaces oldest data with most recent data
<b>WARRANTY:</b>	Full 2 year warranty including all sensors

DUE TO ONGOING RESEARCH AND PRODUCT IMPROVEMENT, SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.

**RATINGS AND CERTIFICATIONS:** Class I, Div. 1, Gr. A, B, C, D  
(Intrinsic safety)

**ATEX:** CE II 1 G<sup>\*</sup>  
EEx ia IIC<sup>\*</sup>  
**IECEx:** Ex ia IIC<sup>\*</sup>  
<sup>\*</sup>in progress



- 1 Rugged and compact: equipped with integral IP66/67 (expected) concussion-proof boot
- 2 Triple Alarm System: 100 dB audible (typical), alarm bars and internal vibrator alarm
- 3 Large, high-contrast LCD shows real-time gas concentrations for up to four gases simultaneously and continuously
- 4 Easy, one-button operation
- 5 Standard datalogging and event logging
- 6 12 hour run-time on rechargeable lithium battery (3 hour recharge)

Locally distributed by:

