GasAlert MicroClip

multi-gas detectors

H₂S

CO

O₂

LEL

Multi-gas made easier

The easy to wear, slim and compact GasAlertMicroClip provides affordable protection from atmospheric gas hazards. For standard operation with features you can count on, opt for the GasAlertMicroClip XT. For extended battery life, especially in cold weather, choose the GasAlertMicroClip XL. Both offer visual compliance at a glance with the flashing, green IntelliFlash™. Easy one-button operation reduces training time and lets workers focus on the job at hand. For simple, cost-effective management of your records, calibration and bump testing, choose BW's MicroDock II automatic test and calibration system and Fleet Manager II software.

Black housing available

Easily download datalogged info

Simple calibration and bump testing

GasAlert MicroClipXL

GasAlert MicroClipXT

- Easy and comfortable to wear; thin and lightweight
- Easy operation and straightforward training with one-button simplicity
- Easy visual compliance with flashing, green IntelliFlash™
- Easy and cost effective to own

WATER RESISTANT

BW Technologies
by Honeywell

Wear yellow. Work safe.

Additional GasAlertMicroClip features:

- Choose the GasAlertMicroClip XL for cold weather performance
- IntelliFlash™ verifies operation and compliance to both the user and supervisor
- Tamper-proof, one button operation
- Powered by a rechargeable lithium polymer battery

Standard features of BW multi-gas products:

- Continuous LCD shows real-time gas concentrations
- Compact and lightweight design makes it comfortable to wear
- Water-resistant
- Simple automatic calibration procedure; compatible with BW MicroDock II automatic test and calibration station
- Full function self-test of sensor, battery status, circuit integrity and audible/visual alarms on start up
- Bright wide-angled visual alarm bars
- Built-in concussion-proof boot
- Multi-language support in English, French, German, Spanish and Portuguese
- Conveniently manage your fleet using Fleet Manager II

GasAlertMicroClip Specifications

	GasAlertMicroClip XL	GasAlertMicroClip XT
Size	4.4 x 2.4 x 1 2 in. / 11.3 x 6.0 x 3.1 cm	4.4 x 2.4 x 1.1 in. / 11.3 x 6.0 x 2.9 cm
Weight	6.7 oz. / 190 g	6.0 oz. / 170 g
Temperature	-4 to +122°F / -20 to +50°C	
Humidity	0% - 95% RH (non-condensing)	
Alarms	- Visual, vibrating, audible (95 dB) - Low, High, STEL, TWA, OL (over limit)	
Tests	Audible/visual alarms on activation; sensors, battery and circuitry (continuous)	
Typical battery life*	18 hours Recharges in less than 6 hours	10 hours Recharges in less than 4 hours
Cold weather battery life	After 2 years: 12 hours at 4°F / -20°C	After 2 years: 5 hours at 4°F / -20°C
User options	Confidence beep Set STEL interval Sensor on/off Latching alarms Safe display mode Stealth mode Calibration lock Auto zero on start up O$_2$ auto calibration on start up Set bump test interval Force bump test when overdue	IntelliFlash™ interval Combustible gas measurement (%LEL or % by volume methane) User-settable calibration gas level Force calibration when overdue Low alarm acknowledge Language choices Set custom start up message
Ratings	EMI/RFI: Complies with EMC Directive 2004/108/EC IP 66	
Certifications and approvals	ⓒSⓟ Class I, Div. 1, Gr. A, B, C, D **ATEX:** CE ⟨Ex⟩ II 1 G Ex ia IIC T4 Ga **IECEx:** Ex ia IIC T4 Ga CE: European Conformity	
Warranty**	Full two-year warranty including sensors and battery	

*Approximately 20% capacity loss is normal with lithium polymer batteries after 500 charge cycles. Refer to the Operator's Manual for additional information.

**Battery is guaranteed to have 12 hour runtime during warranty period under normal operating temperature of 4°F / -20°C to 122°F / 50°C.

Options and Accessories

MicroDock II compatible

Auxillary filter kit

IR connectivity kit

Five unit cradle charger

For a complete list of accessories, please contact BW Technologies by Honeywell.

Sensor Specifications

Gas	Measuring Range	Resolution
H$_2$S	0-100 ppm	1 ppm
CO	0-500 ppm	1 ppm
O$_2$	0-30.0%	0.1%
Combustible gases	0-100% LEL 0-5.0% v/v	1% 0.1%

Alarm setpoints for all sensors are user adjustable. Setpoints are automatically displayed during instrument start up.

Overview / Talking Points for Distribution Partners – GasAlertMicroClip XL

Distributors to Share with their Teams:

Inside Sales, Outside Sales, Service

Both XL and XT are offered in the same gas combinations (1, 2, 3 or 4 gases) and use the same replacement sensors. Choose yellow or black.

About the NEW GasAlertMicroClip XL

The GasAlertMicroClip XL is an addition to the GasAlertMicroClip line of portable multi-gas detectors offered by BW Technologies by Honeywell.

Both the new GasAlertMicroClip XL detector model and the existing GasAlertMicroClip XT model will be offered in the line. Choose up to four gases to detector for simultaneously:

Detect for up to four atmospheric gas hazards simultaneously

- Hydrogen Sulfide (H_2S)
- Carbon Monoxide (CO)
- Oxygen (O_2)
- Combustible Gases (%LEL)

What's the XL difference?

Both XT and XL models come equipped with a rechargeable battery. The new XL model offers an enhanced battery to serve customers with extra-long shifts, even in extreme weather.

Choose GasAlertMicroClip XL for longer shifts or for use in cold weather

GasAlertMicroClip XL battery run-time is 18 hours and is cold weather tested to last 12 hours at 4°F / -20°C after 2 years.

What makes the new GasAlertMicroClip XL model easy to sell?

It's the only multi-gas detector that offers the combination of these four values: best-in-class comfort, best-in-class price, best-in-class ease of use, along with a battery run-time enduring longer shifts in harsh environments.

If customers own an XT model already, it's seamless; no need to invest in new accessories or training.

Customers that already own XT model accessories or a MicroDock II docking system with a GasAlertMicroClip XT docking module do not have to buy new equipment. The GasAlertMicroClip XL detector fits right in and works right away. No new steps. Easy.

Wear yellow. Work safe.

Both GasAlertMicroClip XL and XT models are …

Easy to wear

- ultra-comfortable, thin and lightweight

Easy to use

- one-button simplicity keeps operation simple and training straightforward

Easy for compliance

- supervisors and users see status at a glance with flashing, green IntelliFlash™

Easy to manage

- using Fleet Manager II software and MicroDock II automated bump testing, calibration and record management docking system.

Easy on the wallet

- affordable upfront and cost effective to own

XL models have more battery power than ever but you can't tell the difference in size or weight.

Both XL and XT detector models operate identically.

Both XL and XT detector models are compatible with existing Fleet Manager II software – versions higher than 3.4.2 have updated report labels that include XL labelling

Promo Pricing

For a limited time BW is offering an instant rebate off introductory list price for any GasAlertMicroClip XL detector. With the rebate, BW list price for the XL and XT models are the equivalent during the promotional period.

New to selling gas detection? Keep this in mind:

The GasAlertMicroClip XL is the easiest portable multi-gas detector to sell.

1. What gases does your customer need to detect?
2. What run-time does you customer require for the rechargeable battery?
3. What about a MicroDock II docking system for automated bump testing, calibration and data management?
4. Does your customer need calibration gas and a regulator?
5. And don't forget to ask about accessory needs such as confined space kits, carrying and protective options, sampling and testing equipment, charging options, IR DataLink for data download and MicroDock II docking system options etc. (See the full Order Sheet for details.)

Wear yellow. Work safe.

Introducing the ONE multi-gas detector that checks all your boxes:

GasAlert MicroClip XL

NEW!

Multi-Gas Detector Checklist

☑ Easy to Wear

☑ Easy to Use

☑ Easy on the Wallet

☑ Enhanced Battery Performance ★

GasAlert MicroClip XL

It's easy to sell!
The NEW GasAlertMicroClip XL offers the same great features as the GasAlertMicroClip XT multi-gas detector and for a limited time at the same great price. The GasAlertMicroClip XL is unlike any monitor enabling you to offer it all: best-in-class comfort, simplicity, affordability and enhanced battery performance for long shifts, even in extreme weather conditions. Check. Check. Check. Check. It's that easy.

Have an existing GasAlertMicroClip XT customer? It's seamless.
The GasAlertMicroClip XL is fully compatible with any existing GasAlertMicroClip XT model accessories customers already own, including GasAlertMicroClip XT docking modules for MicroDock II docking systems.

GasAlert
MicroClip

The **GasAlertMicroClip** provides affordable and easy to wear protection. For standard operation with features you can count on, opt for the **GasAlertMicroClip XT**. For extended battery life, especially in cold weather, choose the **GasAlertMicroClip XL**.

Choose any sensor combination for your **GasAlertMicroClip** multi-gas detector, which comes with a battery charger for your specific region. A variety of accessories and spares are available to complement your detector and suit your application, such as confined space kits, carrying accessories, power options, docking station systems and sampling/testing equipment.

GasAlert
MicroClipXT

GasAlert
MicroClipXL

Standard Package Contents

- GasAlertMicroClip
- Rechargeable battery
- Wall outlet charging adaptor
- Calibration/test cap and hose
- Manual
- Multi-language CD manual

Confined Space Kit includes

- Leather carrying case
- IR connectivity kit with Fleet Manager II software
- 0.5 LPM regulator
- Auxiliary filter kit
- Manual aspirator kit
- 10 ft. / 3 m sampling hose with quick connect
- Calibration cap with 1 ft. / 0.3 m hose with quick connect
- Sampling probe
- Hard-sided carrying case with insert pockets and foam case insert

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GASALERTMICROCLIP ORDER SHEET

4-Gas Detector	GasAlertMicroClip XL		GasAlertMicroClip XT	
	Yellow Housing	Black Housing	Yellow Housing	Black Housing
%LEL, O_2, H_2S, CO	MCXL-XWHM-Y-NA	MCXL-XWHM-B-NA	MC2-XWHM-Y-NA	MC2-XWHM-B-NA

3-Gas Detector	GasAlertMicroClip XL		GasAlertMicroClip XT	
	Yellow Housing	Black Housing	Yellow Housing	Black Housing
%LEL, O_2, H_2S	MCXL-XWH0-Y-NA	MCXL-XWH0-B-NA	MC2-XWH0-Y-NA	MC2-XWH0-B-NA
%LEL, O_2, CO	MCXL-XW0M-Y-NA	MCXL-XW0M-B-NA	MC2-XW0M-Y-NA	MC2-XW0M-B-NA
O_2, H_2S, CO	MCXL-X0HM-Y-NA	MCXL-X0HM-B-NA	MC2-X0HM-Y-NA	MC2-X0HM-B-NA

2-Gas Detector	GasAlertMicroClip XL		GasAlertMicroClip XT	
	Yellow Housing	Black Housing	Yellow Housing	Black Housing
%LEL, O_2	MCXL-XW00-Y-NA	MCXL-XW00-B-NA	MC2-XW00-Y-NA	MC2-XW00-B-NA
H_2S, CO	MCXL-00HM-Y-NA	MCXL-00HM-B-NA	MC2-00HM-Y-NA	MC2-00HM-B-NA
O_2, H_2S	MCXL-X0H0-Y-NA	MCXL-X0H0-B-NA	MC2-X0H0-Y-NA	MC2-X0H0-B-NA
O_2, CO	MCXL-X00M-Y-NA	MCXL-X00M-B-NA	MC2-X00M-Y-NA	MC2-X00M-B-NA

1-Gas Detector	GasAlertMicroClip XL		GasAlertMicroClip XT	
	Yellow Housing	Black Housing	Yellow Housing	Black Housing
O_2	MCXL-X000-Y-NA	MCXL-X000-B-NA	MC2-X000-Y-NA	MC2-X000-B-NA
H_2S	MCXL-00H0-Y-NA	MCXL-00H0-B-NA	MC2-00H0-Y-NA	MC2-00H0-B-NA
CO	MCXL-000M-Y-NA	MCXL-000M-B-NA	MC2-000M-Y-NA	MC2-000M-B-NA

GasAlertMicroClip Region Codes

For orders outside North America, change order number suffix "-NA" to:

"-EU"	Europe	"-BR"	Brazil
"-UK"	United Kingdom	"-OR"	Other region with 3-pin UK plug
"-AU"	Australia	"-OE"	Other region with 2-pin UK plug
"-CN"	China / New Zealand		

Gas Legend

%LEL	Combustible (W)
O_2	Oxygen (X)
H_2S	Hydrogen sulfide (H)
CO	Carbon monoxide (M)

Confined Space Kit

Confined Space Kit	Order Number
GasAlertMicroClip deluxe confined space kit - includes hard-sided carrying case with insert pockets and foam case insert, manual aspirator kit, IR Connectivity Kit with Fleet Manager II software, sampling probe, 10 ft. / 3 m sampling hose, leather carrying case, auxiliary filter kit, calibration cap with 1 ft. / 0.3 m hose, and 0.5 LPM regulator *Detector and calibration gas sold separately.*	MC-CK-DL
Carrying case for GasAlertMicroClip with foam and lid insert	MC-CK-CC

Carrying and Protective Accessories

Carrying and Protective Accessories	Order Number
Neck strap with safety release	GA-NS-1
Short strap (6 in. / 15.2 cm)	GA-LY-1
Extension strap (4 ft. / 1.2 m)	GA-ES-1
Chest harness	GA-CH-2
Black leather PVC carrying holster	MC2-LC-1
Auxiliary filter kit (complete with filter adaptor and 5 filters)	MC-AF-K1
Auxiliary filter adaptor (no filters)	MC-AF-1
Auxiliary filter replacement for adaptor (kit of 10)	MC-SS-AF-K1

Sampling & Test Equipment

Sampling & Test Equipment	Order Number
Manual aspirator pump kit with probe (1 ft. / 0.3 m)	MC-AS01
Test cap and hose (1 ft. / 0.3 m) replacement	MC-TC-1

Power Options and Spares

Power Options and Spares	Order Number
Multi-unit (5) cradle charger	MC2-C01-MC5
Multi-unit (5) wall outlet power adaptor	GA-PA-1-MC5-NA*
12-24 V_{DC} Vehicle power adaptor	GA-VPA-1
12-24 V_{DC} direct-wire power adaptor	GA-PA-3
Replacement wall outlet power adaptor	GA-PA-1-NA*

For regions outside North America add to the end of the order number: "-EU" for Europe, "-UK" for United Kingdom and "-AU" for Australia / China.

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Datalogging Accessories	Order Number
IR connectivity kit with Fleet Manager II software	GA-USB1-IR

MicroDock II	Order Number
MicroDock II automatic test and calibration system—	
- Base station and GasAlertMicroClip docking module with charging cable	DOCK2-2-1C1P-00-G
- Base station and GasAlertMicroClip docking module without charging cable	DOCK2-2-1P-00-G
- GasAlertMicroClip docking module with charging cable	DOCK2-0-1C1P-00-G
- GasAlertMicroClip docking module without charging cable	DOCK2-0-1P-00-G

Note: For complete MicroDock II system configuration information, contact us or see MicroDock II product information.

Replacements Sensor Screens	Order Number
Replacement quad sensor screen filters, for GasAlertMicroClip (kit of 2)	MC2-SS
Replacement quad sensor screen filters, for GasAlertMicroClip (kit of 10)	MC2-SS-K1

Sensor Spares	Order Number
Replacement MICROpeL® combustible (LEL) sensor	SR-W-MP75C
Replacement oxygen (O_2) sensor	SR-X2V
Replacement MICROceL® hydrogen sulfide (H_2S) sensor	SR-H-MC
Replacement MICROceL® carbon monoxide (CO) sensor	SR-M-MC
Dummy sensor for combustible (LEL) sensor location	SR-W-MC-DUM
Dummy sensor for the oxygen sensor location	SR-DUMM1
Dummy sensor for toxic sensor locations	SR-TOX-MC-DUM

Calibration & Testing Equipment
See separate calibration and testing equipment order information PDF.

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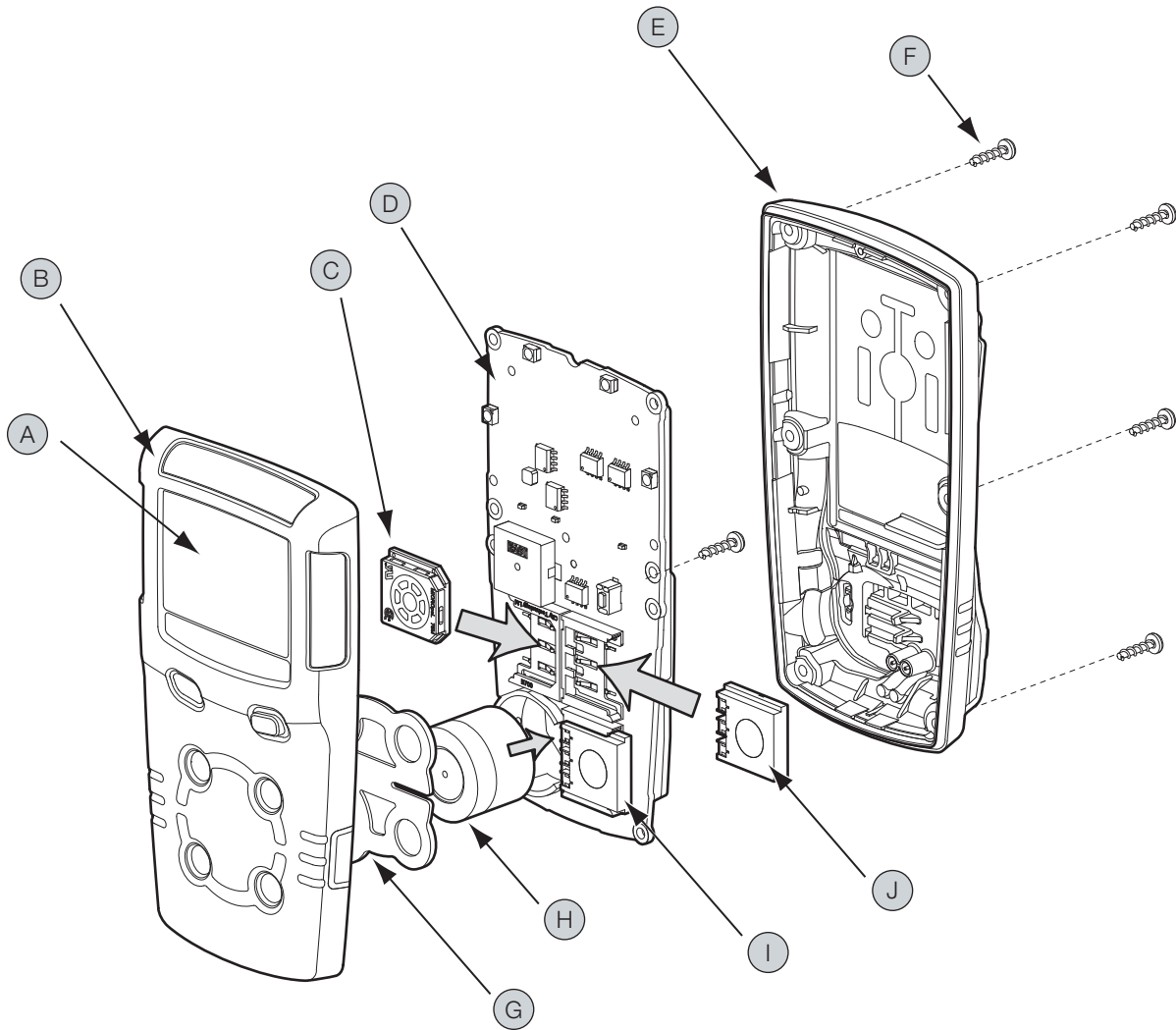
Legend	Service Parts	Order Number
B	Replacement front enclosure (yellow) GasAlertMicroClip XL GasAlertMicroClip XT	 MCXL-FC1 MC2-FC1
	Replacement front enclosure (black) GasAlertMicroClip XL GasAlertMicroClip XT	 MCXL-FC1B MC2-FC1B
E	Replacement back enclosure (yellow) with screws and alligator clip GasAlertMicroClip XL GasAlertMicroClip XT	 MCXL-BC1 MC2-BC1
	Replacement back enclosure (black) with screws and alligator clip GasAlertMicroClip XL GasAlertMicroClip XT	 MCXL-BC1B MC2-BC1B
	Replacement flex PCB GasAlertMicroClip	MC2-FPCB1
D	Replacement main PCB with battery and screws GasAlertMicroClip XL GasAlertMicroClip XT	 MCXL-MPCB1 MC2-MPCB1
A	Replacement LCD kit	MC-LCD-K1
F	Replacement screws (kit of 20)	MC-SCREW-K1

How to Replace a Sensor
1. With detector OFF, use No. 1 Phillips screwdriver to remove 6 screws from back enclosure (E)
2. Lift back enclosure (E) straight up
3. Use No. 1 Phillips screwdriver to remove 2 screws from back of PCB (D)
4. Lift PCB (D) together with battery and sensors (C, G, H, I) straight up
5. Remove sensors (C, G, or H) by sliding out or sensor (I) by pulling straight up from PCB (D)
6. Insert new sensor (C, G, H, I) into PCB (D)
7. Replace PCB (D) and 2 screws and hand-tighten until firm
8. Replace back enclosure (E)
9. Replace 6 screws in back enclosure (E) and hand-tighten until firm

How to Replace the Sensor Screen
1. With detector OFF, use No. 1 Phillips screwdriver to remove 6 screws from back enclosure (E)
2. Lift back enclosure (E) straight up
3. Use No. 1 Phillips screwdriver to remove 2 screws from back of PCB (D)
4. Lift PCB (D) together with battery and sensors (C, G, H, I) straight up
5. Remove sensor screen (J) from front enclosure (B)
6. Insert new sensor screen (J) into front enclosure (B)
7. Replace PCB (D) and 2 screws and hand-tighten until firm
8. Replace back enclosure (E)
9. Replace 6 screws in back enclosure (E) and hand-tighten until firm