



# Honeywell BW Flex Series Portable Multiple Gas Detector User Guide

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# Honeywell

QUICK  
REFERENCE GUIDE



## Introduction

The Honeywell BW™ Flex gas detector warns of hazardous gas at levels above user-defined alarm setpoints.

The detector can monitor up to four gases at a time.

Refer to the Honeywell BW™ Flex Series User Manual for the full list of gases.

## What's in the Box

- Honeywell BW™ Flex gas detector
- Quick Reference Guide
- Battery (factory-installed)
- Tubing
- USB charger
- 1 Klick Fast stud
- 1 Calibration cap



## CAUTION

- The detector is a personal safety device. It is your responsibility to respond properly to the alarm.
- For safety reasons, this equipment must be operated and serviced by qualified personnel only.
- The Li-ion battery in this product presents a risk of fire, explosion, and chemical burn if misused. Do not disassemble, incinerate, or heat above 212°F (100°C). Batteries exposed to heat at 266°F (130°C) for 10 minutes can cause fire and explosion. Batteries must only be charged in a safe area free of hazardous gas.
- Deactivating the detector by removing the battery pack may cause improper operation and harm the detector.
- Use only Honeywell-approved battery chargers such as the vehicle Charger.
- Do not use the apparatus if it is damaged. Inspect the apparatus before use. Look for cracks and missing parts.

## Contents

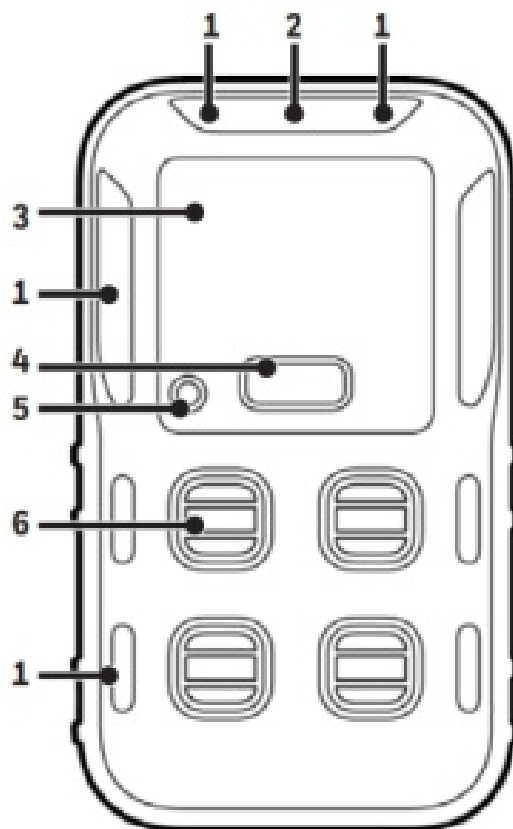
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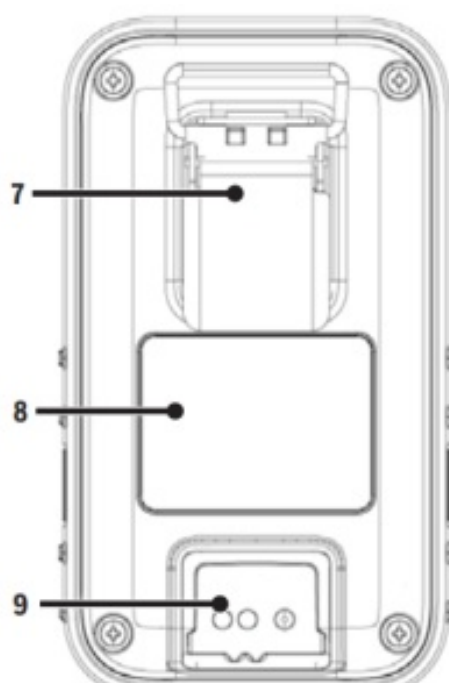
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## Overview



- 1 LED Alarm
- 2 IntelliFlash
- 3 Display
- 4 Button,
- 5 Beeper



- 6 .Sensor,
- 7. Clip
- 8. Battery
- 9 . Charging Port

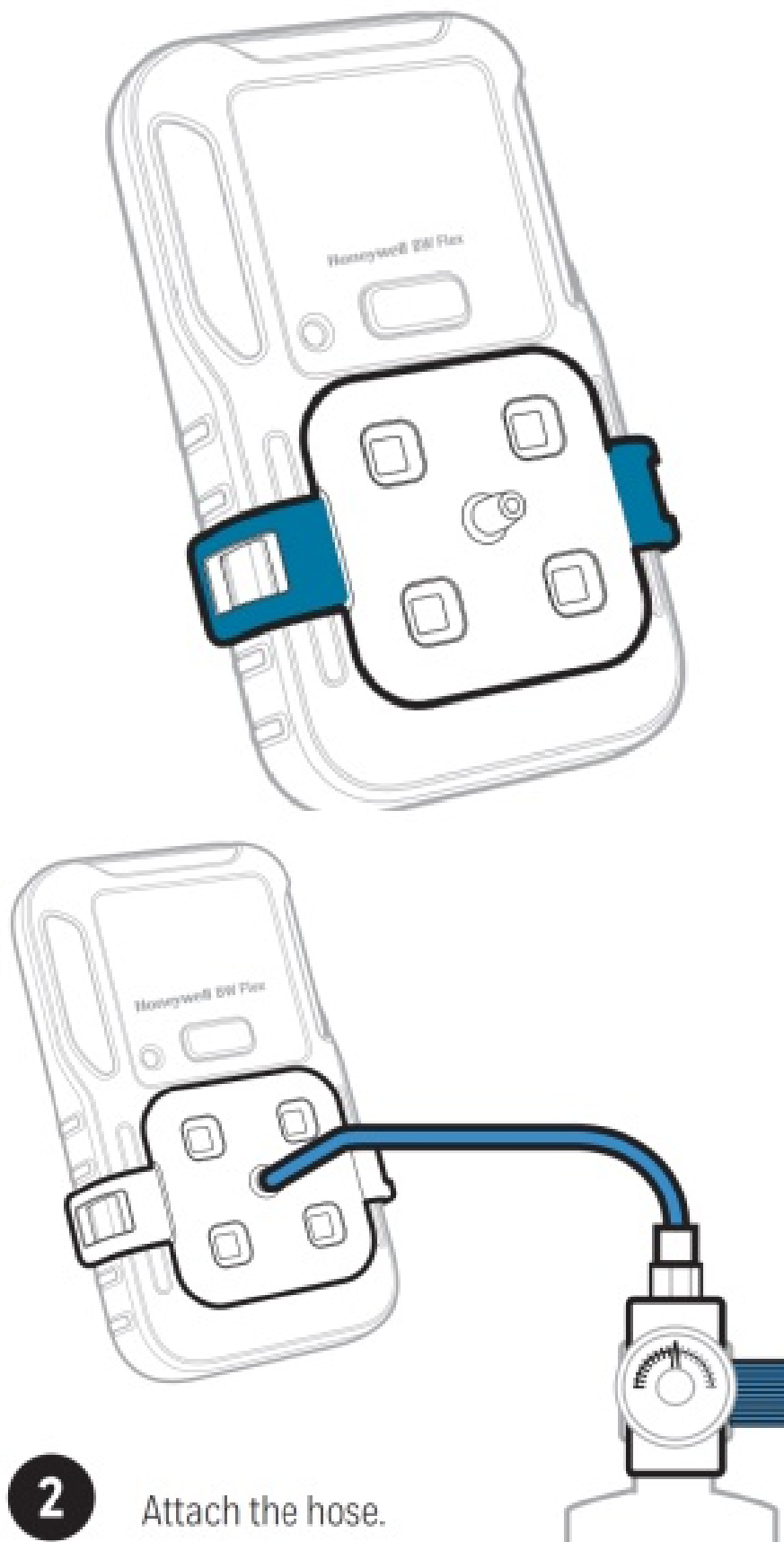
## Common device's operations



Power On	4-second hold
Power Off	4-second hold
Enter Menu	Double-press
Exit Menu	3-second Hold
Select Next	Single-press
Initiate Selected	3-second Hold
Acknowledge latched alarm	1-second hold

### **Bump Test and Calibration via a Mobile Device**

Turn On the BW Flex. Place the cap over the detector, and then press down on both tabs to snap it into place.



3. On your mobile device, open the Device Configurator app





4. In the Device List screen, select the BW Flex Serial Number to start pairing. The upper LED will light green after pairing succeed.

5. On your Mobile device:

- Tap on the Menu button

- Select Remote Calibration  or Bump Test 

- Follow on-screen instructions.

6 . The process is complete when the results are displayed on your mobile device. You can now remove the cap by pulling on the tabs.

**IMPORTANT:** Read the User Manual for complete information on the BW Flex operation.

## Safety Certifications

### IECEEx: IECEEx SIR 20.0020X

With IR sensor installed: Ex ia op is I Ma Ex ia op is IIC T4 Ga,  $-40^{\circ}\text{C} \leq \text{Tamb} \leq 60^{\circ}\text{C}$

With LEL sensor installed: Ex da ia I Ma Ex da ia IIC T4 Ga,  $-40^{\circ}\text{C} \leq \text{Tamb} \leq 60^{\circ}\text{C}$

With IR and LEL sensor installed: Ex da ia op is I Ma Ex da ia op is IIC T4 Ga,  $-40^{\circ}\text{C} \leq \text{Tamb} \leq 60^{\circ}\text{C}$

Without IR and LEL sensor installed: Ex is I Ma Ex is IIC T4 Ga,  $-40^{\circ}\text{C} \leq \text{Tamb} \leq 60^{\circ}\text{C}$

ATEX: Sira 20ATEX2012X

With IR sensor installed: I M1 Ex is op is I Ma,  $-40^{\circ}\text{C} \leq \text{Tamb} \leq 60^{\circ}\text{C}$

II 1G Ex ia op is IIC T4 Ga,  $-40^{\circ}\text{C} \leq \text{Tamb} \leq 60^{\circ}\text{C}$

With LEL sensor installed: I M1 Ex da is I Ma,  $-40^{\circ}\text{C} \leq \text{Tamb} \leq 60^{\circ}\text{C}$

II 1G Ex da ia IIC T4 Ga,  $-40^{\circ}\text{C} \leq \text{Tamb} \leq 60^{\circ}\text{C}$

With IR and LEL sensor installed: I M1 Ex da is op is I Ma,  $-40^{\circ}\text{C} \leq \text{Tamb} \leq 60^{\circ}\text{C}$

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RED: RED Directive 2014/53/EU

EMC: Directive 2014/30/EU

ROHS Directive (EU) 2015/863 amending 2011/65/EU

IP: IP66, IP68 (1.2 meters for 45 minutes)

### Contact Us

Europe, Middle East, Africa  
Life Safety Distribution GmbH  
Toll-Free 00800 333 222 44  
Middle East +971 4 450 5800

Middle East +971 4 450 5852  
(Portable Gas Detection)  
[gasdetection@honeywell.com](mailto:gasdetection@honeywell.com)

Americas  
Honeywell Analytics  
Distribution Inc.  
Tel: +1 847 955 8200  
Toll free: +1 800 538 0363  
[detectgas@honeywell.com](mailto:detectgas@honeywell.com)  
[www.honeywellanalytics.com](http://www.honeywellanalytics.com)

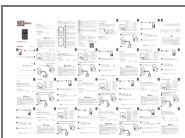
Asia Pacific  
Honeywell Analytics Asia Pacific  
Tel: +82 (0) 2 6909 0300  
India Tel: +91 124 4752700  
[analytics.ap@honeywell.com](mailto:analytics.ap@honeywell.com)

Technical Services  
EMEA: [HAexpert@honeywell.com](mailto:HAexpert@honeywell.com)  
US: ha.us.[service@honeywell.com](mailto:service@honeywell.com)  
AP: ha.ap.[service@honeywell.com](mailto:service@honeywell.com)



<https://safety.honeywell.com/en-us/products/by-category/gas-flame-detection>

## Documents / Resources



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BW Flex Series, Portable Multiple Gas Detector