



blackline safety G7 Gas Detection Device User Guide

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G7 GETTING STARTED GUIDE

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HARDWARE DETAILS



CHARGING

1. Insert the micro USB cable into the removable charging clip
2. Slide the charging clip onto the charging port at the bottom of your G7
3. A solid red light at the bottom of the device confirms your G7 is charging



POWERING ON

Press and hold the power button  for two seconds.



What does the green light mean?

• • • • • • • • **Flashing** • • • • • • • •

A flashing connectivity light indicates that your G7 is storing data. It is not currently connected to the network and will send data when the light is solid.

————— **Solid** —————

A solid connectivity light indicates that G7 is actively transmitting data and is connected to the Blackline Safety Network.

MENU

To use G7's menu:

1. Press OK once to wake up G7's screen
2. Press OK again to enter the main menu
3. Use the up and down arrow keys to navigate to the selection you would like
4. Press OK to select a menu item
5. Repeat as necessary



OK button



Up and down buttons

SOS ALERT



What is an SOS alert?



If you are in need of assistance, you can pull down the red latch to signal for help. This feature must be enabled by your safety supervisor. They can contact Blackline Customer Care for setup assistance.

GAS DETECTION

Which cartridge do I have?



Some G7 devices are equipped with a Single or Multi-gas cartridge capable of detecting gases in your environment.

If you have a Standard cartridge, you can ignore the GAS DETECTION section of the guide.

How to manually bump or calibrate:

1. Attach calibration cap to one end of the tubing
2. Attach the other end of the tubing to a fixed flow regulator on your calibration gas cylinder
3. Attach the calibration cap to the cartridge
4. Press OK to access the main menu
5. Using the up and down arrows, navigate to gas options
6. Select OK to enter the gas options menu
7. Use the OK button to select bump test or calibration
8. Follow the instructions on G7's screen to complete the calibration or bump test



G7 Dock

Bump tests and calibrations can also be completed with G7 Dock, where this process is automated for you. To bump test or calibrate with Dock:

1. Place G7 in Dock at a 30 degree angle
2. Lower the top of G7 into Dock, pressing until you hear a click
3. Close G7 Dock's lid
4. Select bump test or calibration from the Dock menu on G7
5. Allow G7 Dock to run and remove G7 when the screen prompts you



YELLOW WARNING ALARM



Low warning alarm for gas

If a sensor detects a low concentration gas level.

UL (under limit)

If a sensor's baseline shifts and is unable to obtain an accurate gas reading.

Sensor error

If a sensor stops working for any reason.

Calibration and bump test

If a sensor is due for a calibration or bump test.

RED ALERT



High alert for gas

If a sensor detects gas levels above the maximum gas concentration.

STEL (short term exposure limit)

If a sensor detects you have reached the short-term exposure limit configured.

TWA (time weighted average)

If you have reached the average gas amount of repeated exposure in an eight-hour period.

OL (over limit)

If excessive amounts of gas are detected and sensors can't provide an accurate gas reading.

LEARN MORE

Visit support.blacklinesafety.com for technical support and access to the following materials.

- Technical User Guide
- Video training tutorials
- Datasheets
- Certifications
- Accessory products



CUSTOMER CARE

Please contact us for warranty activation, technical support, advance replacement and account setup assistance.

North America (24 hours)

Toll Free: 1-877-869-7212 | support@blacklinesafety.com

Europe/United Kingdom (8am-5pm GMT)

+44 1787 222684 | eusupport@blacklinesafety.com

International (24 hours)

+1-403-451-0327 | support@blacklinesafety.com

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2023-05-09

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Rev. 11

Documents / Resources

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References

-  [Blackline Support Center Home](#)

[Manuals+](#)