blacklinesafety

G8 Getting Started Guide

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HARDWARE DETAILS

G8 is Blackline Safety's personal safety monitoring device and is available as a standard, single-gas, or multi-gas detector. G8 continuously measures gas concentrations in the ambient environment and activates notifications when concentrations exceed setpoints, allowing operators to respond quickly and safely to changes in their environment. G8 has integrated 4G cellular networks to communicate with Blackline Live and is available anywhere in the world.



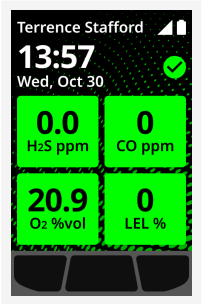
POWERING G8 ON AND OFF

POWERING ON G8

Powering on G8 initiates the device start-up sequence. During the start-up sequence, G8 automatically completes a self-test of the device's visual and audible functions.

> ⚠ CAUTION: Always power on G8 in a clean, gas-free environment.

1. Press and hold the center button until G8 vibrates and the screen lights up.
   Result: G8 runs through its startup sequence automatically.
2. Wait for the green connectivity light to turn solid, indicating a successful connection. If G8 is out of cellular service, it reconnects automatically once service is available.
   Result: When complete, the Status screen displays.



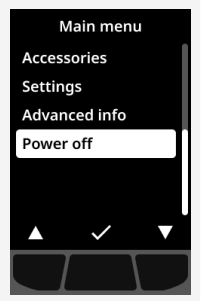
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POWERING OFF G8 FROM THE MAIN MENU

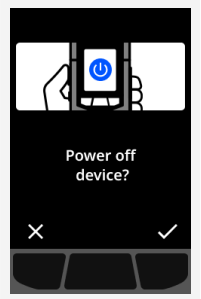
1. From the Status screen, press the center button.

   Result: The Main menu displays.

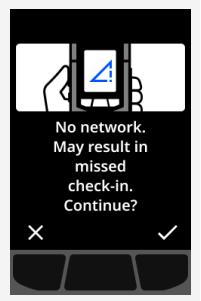
2. Select Power off.



   Result: A confirmation message displays.



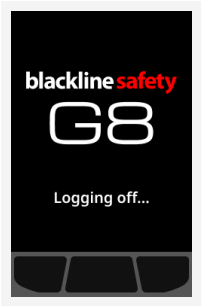
   If you are in an area with no network coverage, the following warning message may also display.



3. Press the right button to continue, or press the left button to cancel.

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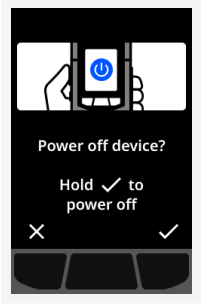
Result: If you continue, the Logging off screen displays as G8 powers down.



When the lights and vibrations stop, G8 is logged out of Blackline Live and powered off.

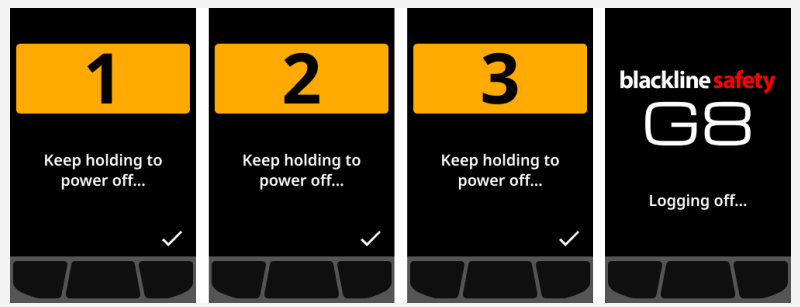
POWERING OFF G8 FROM THE STATUS SCREEN

1. From the Status screen, press and hold the center button.
   Result: A confirmation screen displays.



2. Press and hold the right button until the countdown finishes and the Logging off message displays, then release the button.

G8 goes through the power-off sequence.



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NOTIFICATIONS

G8 provides two main categories of notifications to alert you to issues that require your attention:

- **Operational:** Triggered by a routine, expected device operation.
- **Urgent:** Triggered by an unexpected, abnormal condition. These include pending, low-urgency, and high-urgency notifications.

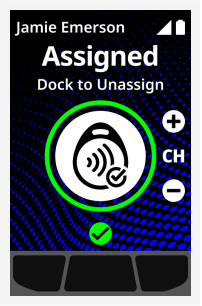
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FEATURE SCREENS

G8 includes special feature screens to simplify access to key functions like Push-to-Talk (PTT), TagAssign, and Modes.

Each of these screens groups related features, reducing the need to dive through multiple menus, and displays the following:

- A large central icon representing the main function
- A white pill label showing the quick action mapped to the center button
- A blue background (design may vary by screen)
- Side + / Side – indicators when additional controls are available
- A green ring around the icon if the feature is currently active



ⓘ NOTE: Button functions may change depending on the current screen. For example, Side + / Side - may adjust channels or move between pages.

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USING G8'S MENU

G8's menu lets you access functions such as gas options, settings, and advanced information.

1. From the Status screen, press the center button to display the Main menu.



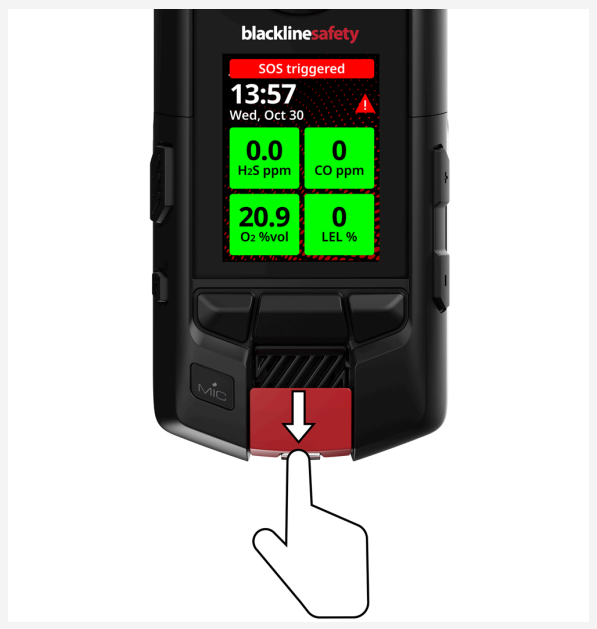
2. Use the left and right buttons to navigate through menu options.
3. Press the center button to select a menu options.

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SENDING AN SOS ALERT

Your Blackline Live administrator must enable this feature.

Pull down G8's red latch to send an SOS alert as a call for help when assistance is required.



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BUMP TESTING AND CALIBRATING

Bump testing and calibration verify that G8's gas sensors and notification indicators are functioning correctly.

1. Attach the tube and calibration cap, ensuring the tube is securely attached to the fixed-flow regulator and calibration cap.
2. Press the center button to display the Main menu.
3. Select Gas options, then select Bump test or Calibration.
4. Select Yes to confirm your selection.
   Result: G8 runs an audio/visual self test
5. Select each sensor you want to test, then follow the on-screen prompts to bump test or calibrate it.

Bump test or calibration prompts continue to display until you test each selected sensor.

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G8 PUMP

G8's multi-gas pump cartridge uses configuration modes to enable and disable the pump. G8's various configuration modes allow the device to temporarily change its behavior. For more information, see Creating a Configuration Profile in Blackline Live.

> ⓘ NOTE: The following only applies to G8 devices equipped with a pump cartridge.

ATTACHING TUBING

1. Attach a quick connect to your desired length of tube.
2. Attach the quick connect to the stack by lining up the guides and twisting clockwise.

TURNING ON PUMP, PERFORMING A BLOCK TEST, AND SAMPLING

1. Press the center button to display the Main menu.
2. Select Modes > Leak check.
3. Perform a block test, following the on-screen instructions and prompts.

   > ⚠ CAUTION: Perform a block test in a known clean environment where gas alerts are not triggered.

4. Once the Leak check is successfully completed, select Pump run mode.

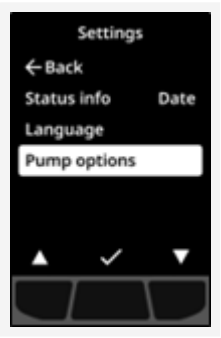
TURNING OFF THE PUMP

Enter any non-pumped mode to exit Pump run mode, then turn the pump off.

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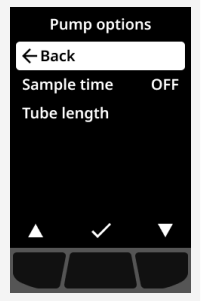
PUMP OPTIONS MENU

When a multi-gas pump cartridge is installed on G8, the Pump options menu option displays in the Main menu.



You can use this menu to customize:

- Sample timer
- Tube length



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TECHNICAL SUPPORT

Need help? Our Technical Support team is available 24/7 to assist you.

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