

# GasGard XL Controller

Versatile, compact, cost-effective gas monitors

MSA GasGard Series products include GasGard XL Controllers. Designed to work with any two- or three-wire 4-20 mA input signal, controllers offer expanded features and options, selectable through user-friendly software. Microprocessor-based technology provides effective and reliable monitoring of toxic and combustible gases, and oxygen deficiency. Measuring range includes ppm, % LEL and % volume.

## GasGard XL Controller

The GasGard XL Controller offers reliability in a compact, durable, wall-mounted housing constructed of fire-retardant ABS plastic. Large and clear multi-language LCD display provides real-time target gas readings and events, offers full system diagnosis and is supported by individual LEDs per channel with common relays and internal buzzer. The GasGard XL Controller is easily configured to accept up to eight remote gas sensors, depending upon the number of individual plug-in input cards installed. With two alarm levels per channel, the GasGard XL Controller operates in conjunction with MSA's remote gas sensors (combustible, toxic or oxygen 4–20 mA). Ideal for use with MSA Ultima X Series Gas Monitors and FlameGard 5 Flame Detectors, this controller's ergonomic design offers efficient wiring and installation.



## Features

- Fully configurable via USB or RS485 Modbus connection
- Event log upload through isolated Ethernet RS 485 or USB
- Multi-language display selectable via controller menu
- Expandable up to eight independent channels using plug-in boards
- Dedicated keys make all functions accessible from front panel
- Common relay board for Alarm Level 1 and 2, Horn 1 and 2 or Failure
- Large graphic display with intuitive icons; all channels shown at a glance
- Internal buzzer 85 dB

GasGard XL Controller Specifications	
<b>TEMPERATURE RANGE</b>	
OPERATING	14°F to 122°F (-10°C to 50°C)
STORAGE	-4°F to 167°F (-20°C to 75°C)
<b>POWER SUPPLY</b>	85 VAC–256 VAC 50/60 Hz, 24 VDC Nominal range 18 – 32 VDC
<b>RELAY</b>	5 amps @ 30 VDC or 250 VAC
<b>ENCLOSURE</b>	IP56 flame-retardant grade UL-94-0 ABS plastic
<b>DIMENSIONS</b>	11" H x 20" W x 5" D (279 x 508 x 127 mm)
<b>CASE WEIGHT</b>	11 lbs to 17.6 lbs (5 kg to 8 kg) (with battery)
<b>APPROVALS</b>	cCSAus, UL/CSA 61010-1 CSA 22.2 No.152 and ISA 12.13 ATEX 94/9/EC EN 50270 (EMC) EN 50402 EN 61010-1 (Low Voltage Directive) EN 61779-1 EN 61779-4