

# Ax60+

## Multi-gas Safety Monitor



The Ax60+ is a wall-mountable gas safety device for monitoring oxygen and carbon dioxide. Based on the popular Ax60 CO2 detector, the new Ax60+ offers the additional functionality of a modular O2 sensor which provides an early warning of both oxygen depletion and oxygen enrichment. The CO2 and O2 sensors are interchangeable and can be fully integrated as part of a multi-point, multi-gas detection and alarm system.

The CO2 sensor is set by default to trigger a low-level alarm at 1.5% CO2, an evacuation alarm at 3% CO2 and a time-weighted average alarm of 0.5% CO2 measured over eight hours. The O2 sensor is set by default to trigger low-going alarms at both 19.5% and at 18% and a high-going alarm at 23%. The alarm setpoints can be changed by the user. Warnings are announced by high-visibility strobe lights and high-volume sounders.

### KEY FEATURES

Multi-point, multi-gas, distributed monitoring system

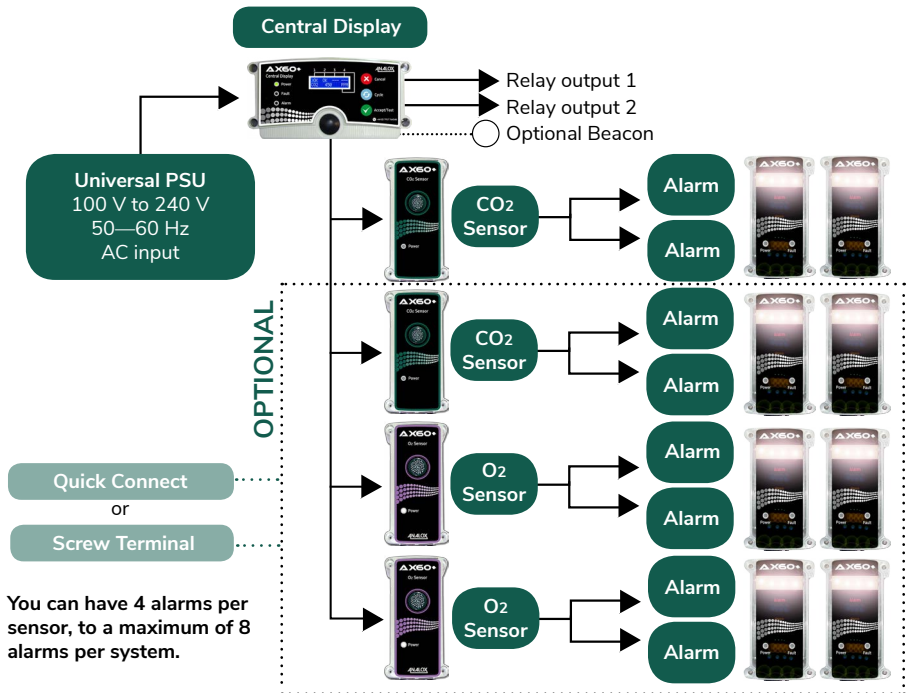
4-channel flexibility allowing any sensor combination

Central display unit for remote operation and control

User-configurable alarms, setpoints and relay outputs

Built-in software for operation and maintenance tasks

### INDUSTRIES

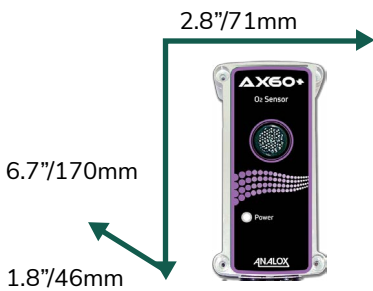


Manufactured in Great Britain

PROVIDING NICHE CUSTOM GAS DETECTION SINCE 1981

**ANALOX**  
Sensor Technology

## SPECIFICATIONS



**Alarm set points can be changed by the user.**

Analox has a policy of continuous improvement and we reserve the right to upgrade or change specifications without prior notice. Full technical specifications are available upon request and can be found in the User Manual. If you require a datasheet in another language please contact us.

## System

Warm-up time: 40 seconds

Operating temperature range: -5 °C to +50 °C, +23 °F to +122 °F

Approvals: CE, EN50270, IEC 61010 (UL), DIN 6653 (TUV)

Warranty: 5 years electronics

## Central Display

Display: LCD dot matrix (backlit)

Relays: 2 off, default normally open. Rating 1 A/30 V AC/DC

IP Rating: IP54

## Alarm

Strobe: white LED strobe > 100 cd (optional blue, red and amber filters)

Sounder: min 80 dBA @3 m (9.8 feet)

IP Rating: IP55

## CO2 Sensor

Gas detected: carbon dioxide

Measurement technique: infrared

Range: 0.1% to 5%

Default alarm setpoints: 0.5% (8 hour TWA), 1.5%, 3.0%

IP Rating: IP55

Warranty: 5 years

## O2 Sensor

Gas detected: oxygen

Measurement technique: electrochemical cell

Range: 0.1% to 25%

Default alarm setpoints: 18.0% (low going), 19.5% (low going), 23.0% (high going)

IP Rating: IP55

Warranty: 5 years graded

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