GASES DETECTED

CO2 O2

Ax60+

Multi-gas Safety Monitor



KEY FEATURES

Multi-point, multigas, distributed

monitoring system

4-channel flexibility

allowing any sensor

Central display unit for remote operation

User-configurable

Built-in software

for operation and

INDUSTRIES

maintenance tasks

alarms, setpoints and

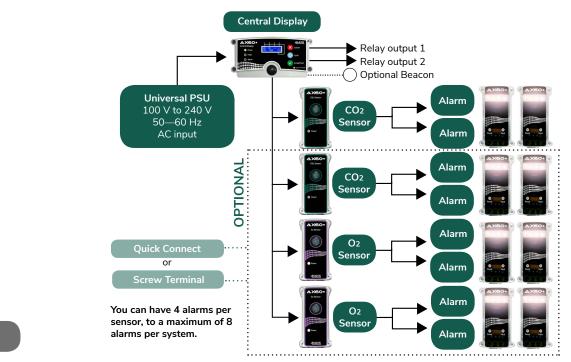
combination

and control

relay outputs

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.



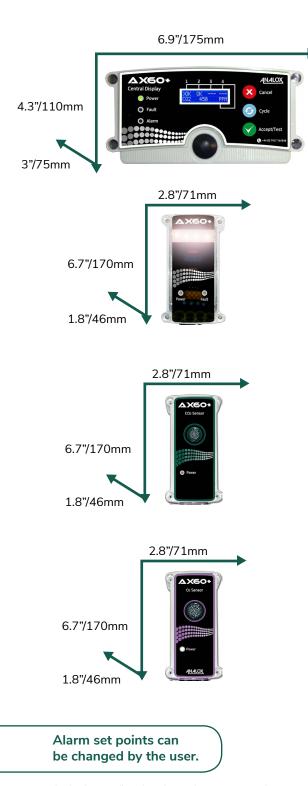






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SPECIFICATIONS



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

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.

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