

# ALTAIR GTX & ALTAIR<sup>®</sup> 4XR Gas Detection - GDH2071

## Rugged and Reliable

ALTAIR<sup>®</sup> 4XR Multigas Detector, built to work wherever you work. Stay connected with alerts from the field.

### ALTAIR<sup>®</sup> 4XR features:

- Survives 25 drops from 4 feet (1.2 meters) (MIL-STD-810G 516.6 Transit Drop 3rd Party Certified)
- Can survive an incidental 25-foot (7.5-m) drop
- Dust and waterproof IP68 rating (2 meters for at least 1 hour)
- Operating temperature range: -40°F to +140°F (-40°C to +60°C)
- Sense gas 2 times faster than the industry average with our XCell sensors
- Confirm compliance quickly with the Bump LED & on-screen checkmark
- Bump and calibrate with 1/2 the test gas and in 1/2 the time vs. industry average
- Bump and calibrate at a specified time of day
- MotionAlert option tells others that user has become immobile
- User-activated InstantAlert notifies others of a potentially dangerous situation

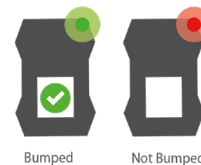


### ALTAIR<sup>®</sup> 4XR Multigas Detector - GDH2071

Outfitted with rapid-response MSA XCell<sup>®</sup> sensors, the ALTAIR 4XR Gas Detector is the toughest 4-gas monitor on the market and is backed by a 4-year warranty.

- Update detector settings
- Email calibration details
- Create notification groups
- Get compliance reminders
- Live gas readings
- InstantAlert<sup>™</sup> distress calls
- MotionAlert<sup>™</sup> man-down alarms
- Non-compliance warnings

#### COMPLIANCE AT A GLANCE



#### FAST, EFFICIENT MAINTENANCE



# ALTAIR GTX & ALTAIR<sup>®</sup> 4XR Gas Detection - GDH2071

## SPECIFICATIONS

<b>Applications</b>	Turnarounds & Plant Maintenance Confined Space Emergency Response	<b>Approvals / Standards</b>	FCC and Industry Canada Class I, Zone 0, AEx da ia IIC Ga T4 Class I, Division 1, Groups A, B, C and D T4 -20C to +55C
<b>Data Logging</b>	Minimum 90-day cloud-synced data logs. Device data synced and stored in customer Grid account.	<b>Markets</b>	General Industry Fire Service Oil & Gas Construction Utilities Mining
<b>Size</b>	Weight: 261 grams (9 oz) Dimensions: 11.7 x 7.8 x 3.9 cm (4.6 x 3.1 x 1.5 in)	<b>Warranty</b>	Always under warranty with subscription 4 year warranty with outright purchase

## Battery & Charging

- Battery: 2 Ah Rechargeable
- Charge Time: Typical full charge is 4.5 hours at room temperature
- Charging Temperature Range: 0°C-40°C
- Battery Life: LTE-M: 17 hours typical (LTE-M)\*, 2G: 16 hours typical
- Actual battery run-time will vary depending on factors including cellular coverage, GPS coverage, ambient temperature, usage, active alerts, acknowledgment delay of alerts, location changes, RFID reading, gas readings, device navigation, battery age, and battery cycles.

## Durability

- Exceeds 26 drops from 4 feet (1.2 m) (MIL-STD-810G 516.6 Transit Drop)
- Capable of surviving an incidental 25 foot (7.5 m) drop onto concrete
- Survives 60 minutes in NFPA 1982-2018 tumble tester
- Dust and waterproof IP68 rating (2 m for 1 hour)

## Location Awareness

- GNSS: Concurrent GNSS (GPS and GLONASS)
- GPS Update Frequency: 30 seconds\*
- Location is updated every 30 seconds when a position is acquired. When no position is acquired, the device searches for a location every five minutes to conserve battery life of the device.

## GPS Accuracy: 2.5 meters\*

- GPS accuracy will be influenced by surroundings, infrastructure, & environmental conditions

## Connectivity

- RFID Reader: Used by MSA id Tags for digital device assignment & DOCK communication
- Cellular: LTE-M / 2G Fallback
- Cellular Carriers: AT&T Global Partner Network, Verizon (USA Only)
- Bluetooth: v4.1 Bluetooth Low-Energy (BLE)

## Sensor Life

Gas	Type	Typical Sensor Life*	Range	Resolution
<b>Combustible</b>	Catalytic	5 Years	0-100% LEL or Varying Vol %	1% LEL or 0.05 Vol %
<b>O<sub>2</sub></b>	Electrochemical	7 Years	0 – 30 Vol %	0.1 Vol %
<b>CO</b>	Electrochemical	7 Years	0 – 1,999 ppm	1 ppm
<b>H<sub>2</sub>S</b>	Electrochemical	7 Years	0 – 199 ppm	1 ppm
<b>H<sub>2</sub>S Low Concentration</b>	Electrochemical	7 Years	0 – 99.9 ppm	0.1 ppm
<b>SO<sub>2</sub> (Coming Soon)</b>	Electrochemical	7 Years	0 – 20 ppm	0.1 ppm
<b>NO<sub>2</sub> (Coming Soon)</b>	Electrochemical	7 Years	0 – 50 ppm	0.1 ppm
<b>CO – Hydrogen Resistant</b>	Electrochemical	7 Years	0 – 1,999 ppm	1 ppm

\* Typical sensor life can vary due to environmental conditions and / or combustible sensor poisoning

