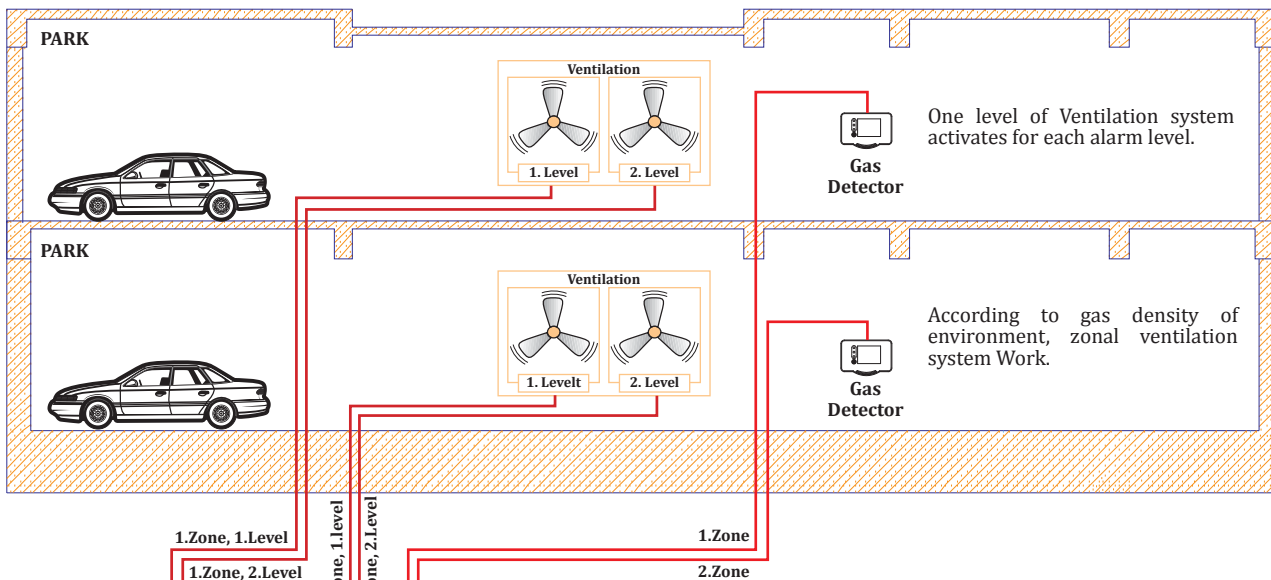


Right Choice for CO Detection and Automation...

Conventional Gas Detection and Alarm Systems

It consists of gas alarm control panels and gas detectors that provide both audible and visual alarms, featuring high and stable operational performance, a modern exterior, and surface mount production technology.



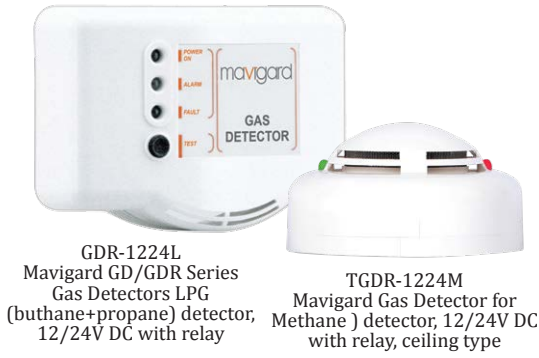
ML-4218
Maxlogic Conventional
Gas Alarm Control Panel,
8 Zone, 16 Relay Output

GD2R-220EC
Mavigard Carbon monoxide
gas detector (CO), 230V AC,
2-level alarm output,
electrochemical

- Detailed monitoring of the panel unit status is enabled by a 2x16 character LCD screen and LED indicators.
- Both levels detected by the gas detectors can be displayed.
- For controlling different devices and sending signals to other systems, there are two alarm relays (1st Level and 2nd Level alarm relays) and one fault relay output.
- It is possible to have 8 zone inputs, with the ability to enable/disable and test zones.
- With the relay card, there are separate relay outputs for each of the 2-level gas alarm signals that can come from gas alarm zones, totaling 16 relay outputs for 8 zones.
- The system can be put in alarm mode, alarm status can be canceled, the system can be put in fault mode, and the system can be reset remotely.
- The gas alarm can be selected with a locking feature.

maxlogic & mavigard
fire and gas detection systems

Gas Detectors



- ▶ Complies with EN 50194-1 and EN 50291 standards
- ▶ LED indicators for monitoring normal system operation, detector faults, and gas alarm information
- ▶ Direct connection to the network
- ▶ Built-in buzzer
- ▶ Test button for checking the operation of LEDs and the buzzer
- ▶ 5-year lifespan for explosive gas sensors under normal conditions
- ▶ Models with relay outputs
- ▶ Models that can operate with either 230V AC or 12/24V DC

LPG and Natural Gas Detectors

LPG (butane + propane) and natural gas (methane) are hydrocarbon derivatives and fall into the category of explosive gases. Detectors provide audible and visual alarms before a gas leak reaches the 10% LEL (Lower Explosive Limit) level.

TGDR Series Ceiling-Mounted Natural Gas Detectors

Ceiling-type gas detectors have the same external appearance and dimensions as fire detectors. Like fire detectors, a detector socket is required for each gas detector mounted on the ceiling.

CO Detectors

Carbon monoxide is not only a toxic gas but also a dangerous gas with explosive properties. Carbon monoxide detectors provide audible and visual alarms when the carbon monoxide concentration reaches 50 ppm (parts per million in one million air particles).

Surface Mount Junction Box

You can use the surface mount junction box with all Maxlogic and Mavigard series single-field control modules and gas detectors.

GD2R Series Gas detectors



GD2R-220EC
Mavigard Gas detector
Carbon monoxide gas detector (CO),
220V DC, 2-level alarm output,
electrochemical

Conventional carbon monoxide gas detectors are designed to detect gas leaks in enclosed spaces such as homes, garages, and similar areas. These gas detectors use electrochemical sensors, providing stable sensitivity and superior performance. They feature two-level alarm threshold values.

When the gas level in the environment reaches 50 ppm, it triggers the 1st level alarm, and when it reaches 200 ppm, it activates the 2nd level alarm. When the gas level in the environment falls below 50 ppm, carbon monoxide gas detectors automatically return to the normal state.

PANEL MODELS

Product Code	Description
ML-4218	Maxlogic Conventional Gas Alarm Control Panel, 8 Zone, 16 Relay Output

CONVENTIONAL GAS DETECTORS

Product Code	Description
GDR-1224L	Mavigard GD/GDR Series Gas Detectors LPG (buthane+propane) detector, 12/24V DC with relay
GDR-1224M	Mavigard GD/GDR Series Gas Detectors Methane (natural gas) detector, 12/24V DC with relay
GDR-220L	Mavigard GD/GDR Series Gas Detectors LPG (buthane+propane) detector, 220V AC with relay
GDR-220M	Mavigard GD/GDR Series Gas Detectors Methane (natural gas) detector, 220V AC with relay
GD2R-12EC	Mavigard Carbon monoxide gas detector (CO), 12V DC, 2-level alarm output, electrochemical
GD2R-24EC	Mavigard Carbon monoxide gas detector (CO), 24V DC, 2-level alarm output, electrochemical
GD2R-220EC	Mavigard Gas detector (CO) Carbon monoxide gas detector (CO), 220V DC, 2-level alarm output, electrochemical
TGDR-1224M	Mavigard Gas Detector for Methane) detector, 12/24V DC with relay, ceiling type, Requires MG3500 socket
ML-0120	Maxlogic Surface mounting back box (For Gas Detector)

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