

Triple+ NGL™

Gas Leak Management System for the Professional Installer



Triple+

Detect. Connect. Protect.

Safe Connected Property

Gas is one of the most popular fuels used for residential and commercial heating. Due to the increase in gas related incidences, often resulting in tragic events, there is a growing need to supply reliable and affordable gas leakage detection and control systems.

Triple+ NGL™ is the ultimate, fully certified and most affordable system technology for the prevention of gas damage in buildings.

Triple+ NGL™ line of products includes innovative wireless gas detectors and battery operated shut-off technologies that enable automated remote control of gas valves. This will serve to avert gas risks due to leaks and other catastrophic events.

Triple+ NGL™ is the most effective system in addressing the root cause for these huge damages, that is, the length of time it takes to discover and stop the leak. Triple+ NGL™ is fitted in minutes with little to no infrastructure changes. Installing the system requires no electrician.



About us

Triple+ is an innovative and leading manufacturer and marketer of products and services within the IoT (Internet of Things) arena. Triple+ offers solutions for averting property damage, injury and financial losses due to gas and water leaks.

Triple+ broad product and service portfolio is designed for use in commercial or residential arenas.

The company's line of products, based on its own proprietary technologies, includes automatically shut off water and gas valves whenever risky events such as leaks are detected or when people leave buildings unattended. We help home and office owners to increase operational efficiencies, improve customer safety and prevent damages. When you invest in your water and gas infrastructure, innovation really matters, from the products themselves to the people behind them. We offer solutions for the professional installers using rock solid materials and ground-breaking technology.

Our team knows the industry inside and out, and provides end-to-end services.

Key features

The smart move to prevent Gas Leak damages:
A number of competitive strengths drive Triple+ NGL™ line of products' success and differentiate it from its competitors.

Some of these strengths include:

- ✚ Wireless, battery powered shutoff valves
- ✚ Robust, secured, always on, proprietary, RF communication layer
- ✚ Wireless sensors
- ✚ Easy to install and maintain
- ✚ Always on - High availability and resilience during disasters
- ✚ Simple integration with alarm and fire systems
- ✚ Uncompromising level of services
- ✚ Fully certified

Gas Detector Unit

Triple+ NGL™ detectors are capable of detecting LPG and Natural Gas. Triple+ NGL™ housing is a molded shell made of fire safety approved reinforced nylon. Each detector includes an external power adaptor, an on board controller, and a primary RF communication layer.

Triple+ NGL™ detectors are rated IPX2D.

Gas detectors must be connected to an electrical power source at all times.

The detectors set off an audio-visual alarm, and wirelessly transmit a signal to the Shut off Unit, consequently shutting off the gas flow at the main gas valve.

Detector Specifications

Calibration GAS	LPG- Butane NG- Methan
Dimensions [mm]	Ø 101x 40
Weight	175gr
Operating Voltage	5V
External Power Supply	Input 110 -240 V AC
Nominal operating current	500mA
Operating temperature	0C - 50C, 32F – 122F
RH humidity	20%-80%
Self Test	Yes
Primary Radio Frequency	433Mhz



Part Number: NGL-SM-00-L-EU-01, NGL-SM-00-N-EU-01

Gas Shut off Unit

Triple+ NGL™ Shut off Unit housing is made of fire safety- retardant, reinforced Nylon. It includes a spring activated mechanism that is battery operated.

The system also includes an on board controller and a primary RF communication layer. Triple+ NGL™ Shut off Unit is available for EN 331 certified ball valves 3/8" to 1". This unit is assembled in-line with existing gas system. If a gas ball valve is installed, there is no need to cut, replace or remove existing pipelines or valves. There is no requirement for electrical outlet. The instant a triggering event is detected by one of the detectors, the main gas valve will be shut off.

Shut off Specifications

Battery lifetime	up to 3 years
Dimensions [mm]	110(H)X145(L)X100W mm Clearance for handle add 10mm
Weight	375gr
Power	3V battery (CR123)
Operating temperature	0C - 50C, 32F – 122F
RH humidity	20%-80%
Primary Radio Frequency	433Mhz
Closing Profile (NM)	Linear, Open – 4; Closed - 2 NM



Part Number: NGL-SH-001, NGL-SH-SA38-001, NGL-SH-SA12-001, NGL-CSH-001, NGL-CSH-SA38-001, NGL-CSH-SA12-001

Detect. Connect. Protect. 



NGL-BRO-001

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