

## Triple+ CLM™ Shut Off Unit User Manual

P/N: CLM-SHAMAP-1-00, CLM-SHEMEA-1-00

### ◆ Welcome

Thank you for choosing Triple+ wireless NWL™ (No Water Leak) system designed to detect water leaks and prevent the subsequent damages. Triple+ NWL™ system will give you peace of mind while at home and out.

### ◆ Please note

Please read through the instructions carefully and follow the steps of the system's installation and commissioning. Please maintain this document in a safe place for future reference. When in any doubt, contact your authorized distributor or installer.

**⚠ Warning!** The product includes moving parts. Keep your fingers or other objects away from moving parts.

**⚠ Warning!** This product was designed to prevent water leaks and as such should be used for water piping only.

### ◆ Triple+ CLM™ system

The Triple+ CLM™ system detects and prevents gas and water leaks. When the leak is detected, the system disconnects the gas and water supplies, wirelessly activating the shutoff units. Each installation can include multiple various detectors and shutoff units installed on gas and water pipes.

The system is designed to minimize potential flooding damages by shutting down the water supply when the site is inactive and/or when a flooding indication is received.

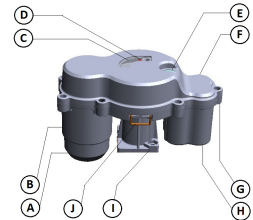
In addition, the Shutoff can be deactivated deliberately. The water system is designed for internal use and should be installed by an authorized technician.

### ◆ Shutoff unit specification

Part No.	CLM-SHAMAP-1-00, CLM-SHEMEA-1-00
Product description	The wireless, battery operated water and gas Shutoff unit is installed on the main water and gas pipe. It shuts off the water and gas supply whenever a risky event is identified or when manually done by the user. The system can be easily integrated with an existing alarm and IoT systems, allowing the property owner to monitor and control the water and gas infrastructure via a mobile device or from a Central Monitoring Stations
Dimensions (mm)	142x73x92
Weight (grams)	640
Power supply	4 x 3V batteries (CR123)
Operation voltage	3V
Battery life span	Up to five years, subject to the usage profile and valve use frequency
Operating RF	868/915 MHz
Transmission range	Open space - up to 120 m When a wall is within the space - up to 50 m To avoid damaging the wireless communication, avoid installation within metal cabinets.
Standards	In progress
Working temperature	-20 to 50°C
FCC ID	In progress
IC ID	In progress

### ◆ Shutoff unit description

- A. Shutoff unit motor.
- B. Bottom part of the case.
- C. Motor stem position window.
- D. Indication RGB LED.
- E. Multipurpose button.
- F. Top part of the case.
- G. Screw tunnel.
- H. Battery housing.
- I. Mounting fitting.
- J. Lock



### ◆ Shutoff unit installation

Installation and/or replacement of a battery should be performed by authorized personnel.

- The Shut Off unit should be located on the main water/gas line incoming into the structure.
- The system should not disconnect a fire extinguishing line or a sprinkler line.
- Ensure easy access to the battery housing.
- The unit can be installed perpendicularly or in parallel with the pipe.
- A comfortable shutoff disconnection should be possible after installation.
- Do not position shutoff units within metal cabinets.

### ◆ Shutoff unit installation stages

1. Locate the most suitable place for installation on the water line (as indicated above.)
2. Shut down the water supply, using the main valve of the building or site.
3. Mount the shutoff unit on a ISO5211 mounting pad.
4. Enable passage of water in the main line and prevent leaks or drippings.

### ◆ System component synchronization and activation

CLM™ elements are installed and activated using the mobile installer's application by a certified installer. It is recommended to test the unboxed unit for normal operation before its installation.

#### Warranty instructions

Please visit [www.tripleplus.io/support](http://www.tripleplus.io/support) for warranty, technical support, and self-solving tools.