

Triple+ NWL™ Controller installation and usage guide

P/N: NWL-CT-ALRM-0-01, NWL-CT-ALRM-C-01, NWL-CT-ALRM-M-01

◆ Welcome

Thank you for choosing Triple+'s wireless NWL™ (No Water Leak) system designed to detect water leaks and prevention of subsequent damages. The Triple+ NWL™ system will give you peace of mind at home and away.

◆ 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.

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

◆ Compliance to standards

The product complies with standards: CE-EN 50270 | CE-EN 300 | CE-EN 301 | ISO 9001

◆ Technical specification - Triple+ NWL™ system:

Background: The system for prevention of leak and subsequent damages shuts down the water supply using wireless communication.

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.

Each system is comprised of a Shut-off unit (valve) installed on the main water supply pipe, a flood detector (one or more) and a control unit overseeing the opening and closing of the valve.

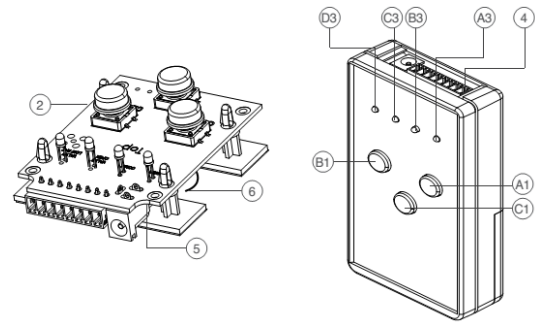
The system presents before the user a simple and clear indication of the valve's state (open or closed). In addition, the Shut-off unit can be controlled and the valve can be opened and closed in a deliberate action. The water system is designed for internal use and should be installed by an authorized technician.

◆ Controller technical specification:

	Button controller	Alarm connected controller
Part No.	NWL-CT-ALRM-M-01	NWL-CT-ALRM-0-01, NWL-CT-ALRM-C-01
Product description	The button controller should be installed where the user would be able to control the valve. Pressing the "Open" or "Close" button will send an appropriate wireless signal to the valve.	A controller for connection to an alarm system (with or without a casing.) Setting the alarm system will close the valve. Neutralizing it will open the valve.
Dimensions (mm)	26X68X131	59X80X25
Weight (grams)	155	
Power supply	Transformer	Alarm system
Operation voltage	5V	12V
Operating RF	433 MHz	
Transmission range	Open space - up to 30 m When a wall is within the space - up to 12 m To avoid limiting the wireless communication, avoid installation within metal cabinets.	
Standards	CE-EN 50270 CE-EN 300 CE-EN 301 ISO 9001	
Working temperature	0-50°C	

◆ Repeater description

- A1. Valve closing button.
- B1. Valve opening button.
- C1. Technician button.
- 2. Control circuit body. (Installed on the alarm system.)
- A3. Valve battery indicator.
- B3. Open valve indicator.
- C3. Communication indicator.
- D3. Power indicator.
- 4. Alarm system connector.
- 5. 5VDC input (when not installed in alarm system.)
- 6. Antenna.



◆ Control unit installation stages

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

1. Locate the best position for installation (according to the above instructions.)
2. A manual or designated casing installed controller will be fixed to the wall or to the communication cabinet, using screws or a double sided adhesive tape.
3. The braids of an alarm system connected controller should be wired to the alarm system (as illustrated above.)
Should the alarm system be in a metal casing, the antenna should be pulled out of it.
4. A controller without a casing should be attached to the communication cabinet using the four adhesive pegs at the back of the circuit.
5. The unit should be installed in a way allowing easy control over opening or closing the valve.
6. After installation, make sure that the indication lights are clearly visible.

◆ System component synchronization and activation

The process begins when the battery is installed within the Shut-off unit.
For detailed instructions, refer to the System Installation Sheet (P/N: NWL-INST-001E).

Please visit www.tripleplus.io/support for warranty, technical support, and self-solving tools.

NWL-CNT-IN-001E