

Triple+ CLM™ Water Flood Sensor Installer Guide v3.0 P/N: CLM-FDAMAP-1-00, CLM-FDEMEA-1-00, CLM-FDAMAP-2-00

Welcome

Thank you for choosing Triple+ CLM™.

Triple+ CLM™ is the ultimate IoT cloud-based system for home safety. The system is managed via an App, and is designed to prevent damage due to water leakage. Triple+ offers you a total peace of mind at home or away.

Please note

Please read these instructions carefully and follow the system's installation and commissioning steps. Maintain this document in a safe place for future reference. Contact your authorized installer with any questions.

Warning! This product was designed to prevent water leakage damages and should be used for this purpose only.

Triple+ CLM™ system

Triple+ CLM™ line of products includes innovative battery-operated devices which enables the automated control of water valves. This is unified under the "Smart Home" umbrella. The Triple+ CLM™ HUB serves as a Gateway that ensures a secured communication between the system devices, Triple+ cloud and App.

Triple+ CLM™ integrates easily into the Smart Home IoT ecosystem, providing a unique cloud-based secured platform for Water Leak Management.

Water Flood Sensor specification

Part No.	CLM-FDAMAP-1-00, CLM-FDEMEA-1-00, CLM-FDAMAP-2-00
Product description	The wireless and battery-operated Water Flood Sensor is installed in places where high chance of water flooding may occur. Whenever water is detected, an automatic command is sent to the CLM™ HUB.
Dimensions	Body: 3.1 x 9.8 x 2.8 cm (1.2 x 3.8 x 1.1") Electrodes: 34X16X11mm (1.34X0.63X0.43") Cable length 30cm (1 ft.)
Weight	75 gr (2.64 Oz)
Power supply	2x AAA non-rechargeable batteries
Operation voltage	3V
Battery life span	Up to two years
Operating RF	868/915 MHz
Transmission range	Open space - up to 230 m (750 ft.) In enclosed space - up to 120 m (390 ft.) Avoid installing in a metal cabinet.
Working temperature	-20°C to +50°C (-4 to +122°F)
Certifications	FCC ID: 2AFOIFLD IC: 20798-FLD

Avoid installing the Water Flood Sensor in:

- Metal cabinets
- Dusty places
- Where the temperature exceeds -20°C and 50°C (-4 to +122°F).
- Where it can be hit or damaged.
- Outdoor, Exposed to rain and direct sunlight.
- High level of humidity.

Water Flood Sensor description

1. LED indicator
2. Electrodes
3. Body
4. Wall mounting fitting



Flood Sensor

installation



1. Open the battery housing cover by sliding it down.
2. Remove the cover and expose the battery housing to insert batteries.
3. Insert the batteries.
4. Close the battery housing cover.
5. Place the Flood Sensor at a height where only the electrodes are in contact with water during a flood.
6. Mount the Sensor to the wall using the double-sided adhesive tape. The bottom part at the electrodes may be fastened using 2 screws (not included).



7. After the installation, check that the LED indicator is clearly visible.

Flood Sensor LED behaviour

- RED flashes every 10 seconds – water leak detection
- GREEN flashes every 30 seconds – OK
- BLUE flashes every 30 seconds – communication problems
- RED flashes every 30 seconds – low battery

Flood Sensor Buzzer Behaviour

In case of a leak, the buzzer will sound every 10 seconds

System installation

Triple+ CLM™ devices are installed and activated using the Triple+ CLM™ installer's or End-User APP available on AppStore and Google Play.

This Water Flood Sensor is designed for indoor use only and should be installed by an authorized plumber.

Please visit www.tripleplus.io/support for warranty, technical support, terms and conditions or troubleshooting.

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FCC STATEMENTS

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and

(2) This device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

WARNING – RF EXPOSURE COMPLIANCE: This equipment should be installed and operated with a minimum distance 20cm between the radiator and your body.

-This Class B digital apparatus complies with Canadian ICES-003.

-Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

IC STATEMENTS

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

(1) This device may not cause interference.

(2) This device must accept any interference, including interference that may cause undesired operation of the device.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

- 1) L'appareil ne doit pas produire de brouillage;
- 2) L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

AVERTISSEMENT – CONFORMITÉ AUX NORMES D'EXPOSITION AUX RF : Cet équipement doit être installé et utilisé à une distance minimale de 20 cm entre le radiateur et votre corps.