♦ **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.

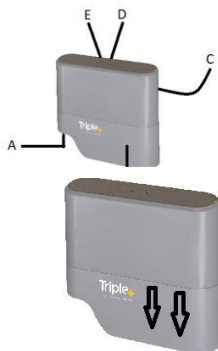♦ **Triple+ CLM™ HUB V2.0 technical specification:**

Part No.	CLM-COAMAP-2-00, CLM-COEMEA-2-00
Product description	Communicates with the connected devices (RF) and the Triple+ cloud (Wi-Fi)
Dimensions	105x35x110mm (4.13x1.37 x4.33")
Weight	146gr (5.15 Oz)
Power supply	External Adaptor Input 110-240 V AC
Operation voltage	5V (2 x AA backup batteries. Up to 8 hours)
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 to +50^{0}C (-4 to +122^{0}F)
Certifications	FCC ID: 2AFOIHUB IC: 20798-HUB

♦ **HUB description**

A. Power outlet

B. Lower cover

C. Wall mounting bracket (rear part)

D. Power LED

E. RGB LED indicator

♦ **Batteries Installation**

1. Slide down the lower cover
2. Insert 2XAA batteries (included)
3. Slide back up the lower cover

♦ **HUB Wall installation**

1. Attach the wall mounting bracket to its location and mark the holes for the mounting screws
2. Place the HUB's rear mounting pins close to the wall and gently slide down the wall mount dimples

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⚠ **Warning!** Do not attempt to rotate the HUB on the mounting to avoid physical damage to the enclosure.

♦ **HUB Installation**

Regular mode

- Download and install the Triple+ APP from the Play Store/ Appstore
- Verify that your mobile phone is connected to the desired Wi-Fi network (the HUB will connect to this network)
- Login to the APP and create a Username and password
- Follow the installation steps in the application (your phone **must** be connected to the Wi-Fi network)
- Wait for the installation to finish and place the system devices (flood detectors, Flow sensors, actuators) in the desired locations
- verify that all the devices communicate with the Triple+ CLM™ HUB V2.0 by verifying the "OK" in the App main screen and all devices icons appear with 'green' color

Technician mode – only applicable if the above method did not finish successfully

- In the connection screen in the user app tap "Technician Mode"
- Follow the installation steps in the application
- Go to the Wi-Fi network selection screen on your mobile phone and connect to the Triple+ Wi-Fi network - no password is required
- After the HUB connected to the Wi-Fi - the installation will start automatically
- Wait for the installation to finish and place the system devices (flood detectors, Flow sensors, actuators) in the desired locations
- verify that all the devices communicate with the Triple+ CLM™ HUB V2.0 by verifying the "OK" in the App main screen and all devices icons appear with 'green' color

♦ **RGB LED behavior**

- GREEN flashes every 2 Sec – OK
- BLUE flashes every 2 Sec – Failure in communication with the Triple+ Cloud or with any system's device
- RED flashes every 2 Sec – battery status warning / low battery, in Hub or one of the devices.

♦ **System Component synchronization and activation**

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

This Hub is designed for indoor use only and should be installed by an authorized installer and operates on Wi-Fi communication.

Warranty instructions

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 numerique de la classe B est conforme a 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.