

## Welcome

Thank you for choosing Triple+ CLM™ (Cloud Leak Management) system designed to detect Water leaks and prevent the subsequent damages. The Triple+ CLM™ system will give you peace of mind while at home and out of it.

### 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.

### Triple+ CLM™ system

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

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 manually throughout the End User APP or physical activation of the shut off units. The system is designed for internal use and should be installed by an authorized technician.

### Controller technical specification:

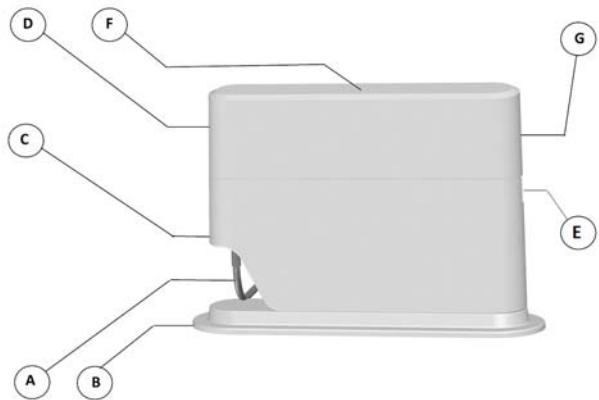
Part No.	CLM-COAMAP-1-02, CLM-COEMEA-1-02
Product description	Triple+ CLM™ HUB easily, securely and reliably communicates with the connected devices and tracks message delivery, allowing the understanding of devices' state. It is ready to take action
Dimensions	25x68x131mm (1x2.68x5.16")
Weight	155gr (0.33Lbs)
Power supply	External Adaptor Input 110-240 V AC
Operation voltage	5V
Operating RF	915 MHz
Transmission range	Open space - up to 230m (750ft). When a wall is within the space - up to 120m (390ft). To avoid damaging the wireless communication, avoid installation within metal cabinets.
Working Temperature	-20 to +50°C (-4 to +122°F)
Certifications	FCC ID:2AFOICLMCTRL10 IC:20798-CLMCTRL10

### WiFi module disclaimer:

The HUB includes a WLAN Smart module (Murata LBWB1ZZYDZ-740) with the following certification information: FCC ID: VPYLBYD / IC ID:772C-LBYD. There have not been any changes to the WLAN Smart module and it is used for communicating bidirectional data between the router and system's elements.

### ♦ HUB description

- A. Power cable.
- B. Table mount bracket.
- C. Lower cover.
- D. HUB circuit body
- E. USB connector.
- F. RGB LED indicator.
- G. Wall mounting bracket (on the rear part).



### ♦ HUB installation

When interested in HUB wall mounting, please follow the following instructions:

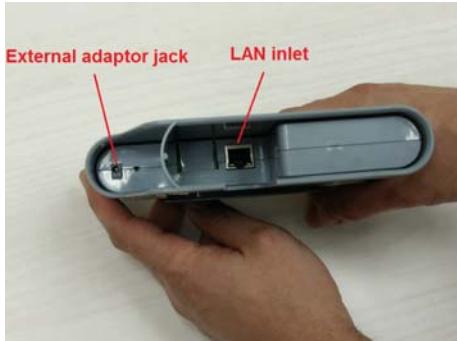
1. Detach the HUB from the table stand as described below



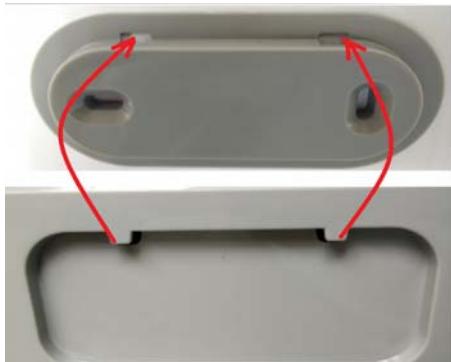
2. Attach the wall mounting bracket to intended location and mark the holes for the mounting screws



3. Connect the HUB to the AC/DC adaptor jack. Plug the LAN cable into the LAN inlet, if the HUB will be permanently operated via the LAN.



4. Position the HUB on its permanent location. For wall mounting, bring the HUB's rear mounting pins close to the wall and gently slide it down the wall mount's dimples. Please do not attempt to rotate the HUB on the mounting in order to avoid physical damage to the enclosure.



5. For table mounting, connect the table stand to the HUB and place it on the table.



#### ♦ Expected HUB LED behavior

1. **Normal functioning mode** (when HUB operates on AC power): the HUB RGB LED should present the system statuses/alerts (as described below) repeatedly green blink every 5 seconds (see attached time diagram).
2. **Power saving mode** (when HUB operates on its backup batteries): the HUB RGB LED should present the system statuses/alerts (as described below) once in 3 cycles (about 15 seconds)
3. **Maintenance mode** (installation/reset): the HUB should present the maintenance status repeatedly

#### 4. LED colors mapping

Alert/Status type	RGB LED Indication		
	GREEN	BLUE	RED
Faultless communication of the HUB with all the components and with the server	Blinking		
Failure in communication with the server or with any of the system components		Blinking	
Battery status of at least one the shutoff units is too low and is not allowing to close it (them) in case of leak event			Blinking
Reset to factory settings	ON steady for 10 seconds after the reset		

#### Warranty instructions

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