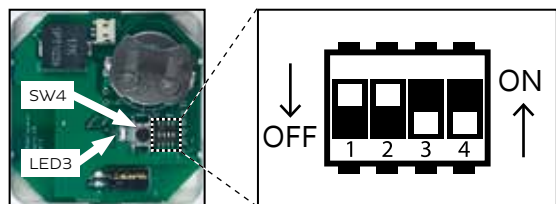# INSTALLATION

NB: It is best to carry out pairing and test the timer before installation. Mount the switch directly on the wall or on the outside of a standard wall box.

TIP: Program all the units in a system before mounting. This will make it easier to test the equipment.

DIPSW

Back of timer

Factory settings:
1=ON 2=ON 3=OFF 4=OFF

DIP 1	DIP 2	DIP 3*	DIP 4**	Time
ON	ON	ON: Lock function	ON: Set time of choice	30 minutes
OFF	ON			1 hour
ON	OFF	OFF: Normal use	NB! Must be OFF when in operation.	4 hours
OFF	OFF			Time of choice**

*DIP 3 – Master switch function/Lock function
If DIP3=ON, only this switch panel can turn paired products back on if they have been turned off with this switch panel.

Example: A school kitchen wants to use a timer for all its cookers. All the cookers also have a cooker guard. The teacher starts all the cookers by pressing the switch panel (DIP3=ON) with the time set to 1 hour. All the cookers now have power for 1 hour. If the cooker guard cuts the power, the pupils can press the cooker guard and get power back. After 1 hour, the switch panel turns all the cooker guard sockets off. Now no pupil can turn the cooker on by pressing the cooker guard.

**DIP 4 – Time of choice
DIP1 and 2 must be OFF.
To change the time of choice, set DIP4=ON. Briefly pressing SW4 once changes to the next time. The sensor acknowledges with the number of beeps and flashes (LED3) for the time selected.
NB: Set DIP4 back to OFF once the desired time has been selected.

SOUND	TIME	SOUND	TIME
1 beep	5 min.	6 beeps	90 min.
2 beeps	15 min.	7 beeps	2 hours
3 beeps	20 min.	8 beeps	4 hours
4 beeps	45 min.	9 beeps	6 hours
5 beeps	60 min.	10 beeps	10 hours

ANNUAL END USER TEST
The system owner/user must familiarise themselves with the accompanying Installation and User Instructions at installation, and is under an obligation to test that installed equipment shuts off the water supply as required in the Norwegian Insurance Approval Board (FG) test. Function testing must be performed at least twice a year in accordance with the Installation and User Instructions for sensors and switch panels.

Technical data

Dimensions: Conforms to RS16	**IP Code:** 20
Battery: CR2032	**Battery life:** 5 years in normal use
RF: 868.100 MHz +5 dBm Compatible with "v2" equipment, see page 2	**RF range:** 30 metres

CTM Lyng AS is Norway's leading manufacturer and supplier of security products for the home, assistive technology, energy efficiency, and light and heating control for all building types under the mKomfy®, mTouch®, Microsafe® and Centrol® brands. We distribute our products through wholesalers. We offer everything from product development to production and distribution. Our production facility in Vanvikan is equipped with some of the most advanced machinery in Europe.

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Thank you for choosing a product from CTM Lyng AS

Installation and User instructions

Timer, wireless

No. 5648534 / 6251645

The Timer is a security product from CTM Lyng AS.

The timer controls the power supply to sockets it is paired with, and where appropriate, the water supply to the dwelling, individual rooms and relevant consumer electronics/ appliances.

Compatible with newer "*R*" / "*Radio*" products, e.g.:

868.100 MHz v2

Look for products labelled "*v2*"

- mKomfy cooker guards
- Mstikk sockets
- Aqua Xpress valve drivers

The system is flexible, and can be expanded to accommodate different needs and security levels.
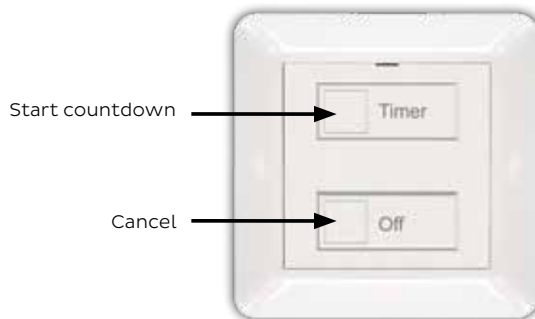
TIMER FUNCTION

If several timers are used with the same socket/ valve, it is always the longest time that counts.

Example: The timer is set to 1 hour and is activated. Someone goes into the bathroom and this is detected by the motion sensor. It is set to 5 minutes. The valve will not close for 1 hour because of the timer, however.

If the timer is installed together with an On/Off switch, it is important to be aware that paired products will remain on/open until activated by the On/Off switch.
For the products to work on the timer again, the timer must be operated after the On/Off switch has been used.

This problem can be solved by activating the lock function for the timer, set DIP3=ON (see page 5). Then only the timer will be able to turn on or open paired products. **NB:** Interoperability with motion sensors will not be possible when the lock function is activated.

The timer ensures that power, or water, is only supplied to connected units for the required period. The operating period can be extended with a quick press of the button, which will restart the time.
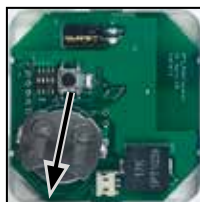
Start countdown

Cancel

CHANGING THE BATTERY

The battery (**CR2032**) will need changing approximately every 5 years in normal use.

1. Lever the front off with a small screwdriver.

Back of timer

2. Slide the old battery out and insert a new one.

1. Activate pairing mode in **the product** that is to be paired with the timer.

2. To send a pairing signal from **the timer,** briefly press SW4 on the back of the timer.

3. Test whether pairing has been successful by operating the timer.

Back of timer

SW4

TESTING COMMUNICATION

To test communication between the timer and socket/valve driver, briefly press the button on the timer.

The blue radio communication LED in the socket/ valve driver will flash to acknowledge every press of the button.