

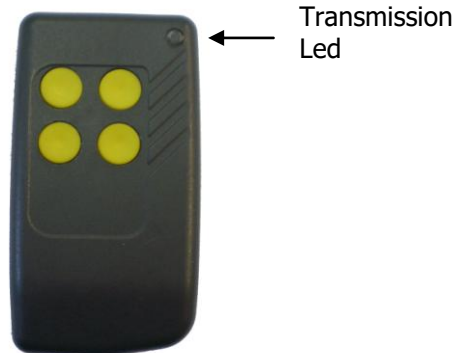
uP Keyfob with Keeloq Coding

TX-uP/LP Keyfob must be used in pair with RX-uP/LP Receiver in order to guarantee correct operation of wake up of the receiver, furthermore thanks to the Keeloq* algorithm it ensures an high level safety. The low battery level signalization is carried out through an Led (Look to the battery substitution character).

Types available

TX-2M-uP/LP: 2 buttons Keyfob

TX-4M-uP/LP: 4 buttons Keyfob



Technical Specification

	Min	Typical	Max	Unit
Reception Frequency	433.82	433.92	434.02	MHz
Effective Radiated Power		0.5	1.0	mW
Modulation		OOK		On-Off Keying
Power supply (CR2032)	2.2	3	3.3	V
Current consumption in Tx		10	15	mA
Current consumption in stand-by	1.0	2.0	3.0	uA
Battery life		3 ⁽¹⁾	5	years
Serial identification Code length		28		bit
Hopping Code Length		32		bit
Combination possible		2 ³²		
Working Temperature	-10		+55	°C
Dimensions		75 x 40 x 16		mm

⁽¹⁾: 70 sec per day as average timing transmission (14 transmission of 5 sec/each).

* Keeloq is a Microchip trademark

The technical features can change without forecasting. AUREL S.p.A doesn't assume any responsibility of damage due to the improper use of the device.

Battery Substitution

When the LED starts blinking, it is necessary to replace the battery power.

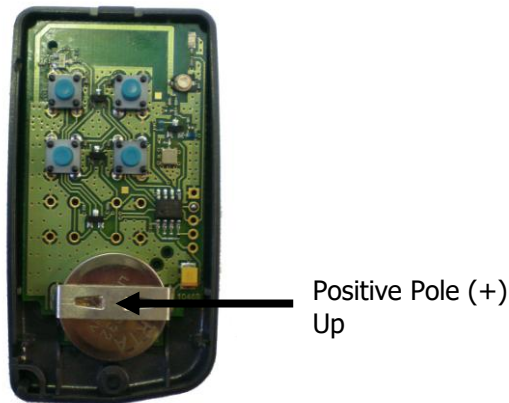
Then consequently, remove the top part of the plastic case of the remote control.

Using a screwdriver, remove the screw on the back of the container, split top and bottom part of the enclosure leveraging the part that has an opening; remove the PCB cards from the housing being careful not to damage it.

Remove the old battery and replace with the same type (model CR2032 3V Lithium), taking care not to reverse the polarity [see picture]. Replace the electronics in plastic bottom, join the two plastic cases so that they fit and finally insert the screw.

If the battery has leaks of liquid, remove it immediately and clean the battery taking care not to come into contact with these substances; Wash your hands thoroughly after this operation.

Please do not release into the environment the old battery and dispose it in appropriate containers in order to facilitate disposal.



Manufacturer's declaration for CE conformity

The TX-2M-uP/LP **and** TX-4M-uP/LP Keyfobs operating on the frequency band 433.05 – 434.79 MHz (ISM Band) is in compliance with the provisions of Directive 2014/53/EU.

The complete declaration of conformity is available on the website www.aurelwireless.com

The device complies with the harmonized standards:

- EN 62479: 2010
- EN 60950-1: 2006 + A11:2010 + A12: 2011 + A2: 2013
- EN 301 489-3 v2.1.1 (2017-03)
- EN 300 220-2 v3.1.1 (2017-02)

CEPT Recommendation 70-03

The device operates in a harmonized frequency band and therefore, in order to comply with current legislation, the device must be used with a maximum hourly duty cycle of 10% (equivalent to 6 minutes of use per hour).

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