

KIT RECEPTOR KL2

The KL2 receiver is a device that allows us to perform control functions by implementing RF (Radio Frequency) communication, which allows for broad coverage in data transmission, a robust, wireless, reliable device with an immediate response through the use of the REMOTE CONTROL that is linked to the device.



The KL2 Receiver Kit features two remote controls, each with two buttons, which are linked to the device's channels and configured according to the needs and functions required.



The device provides two dry contact channels, being relay outputs with a capacity of 10 Amp – 12 Volts and a fixed channel configured as a panic button that allows powering one 30 Watt 120 dB 12 Volt siren.



The device configuration offers two usage options for the relay outputs, having the pulse and latching mode;

Pulse Mode: When you press the button on the remote, the receiver will activate the channel that you have linked with that button, and will turn on two LEDs for 5 seconds, one yellow, one red, and then the LEDs will turn off.

Latched Mode: When you press the button on the remote, the receiver will activate the channel that you have linked with that button and will turn on two LEDs, one yellow and one red, but unlike the pulsing mode, the latched mode will stay on and will turn off until you press the same button again.

To configure these usage modes we have 2 3-pin jumpers, (J1) and (J2) with a connector that is already integrated and that allows configurations to be made.



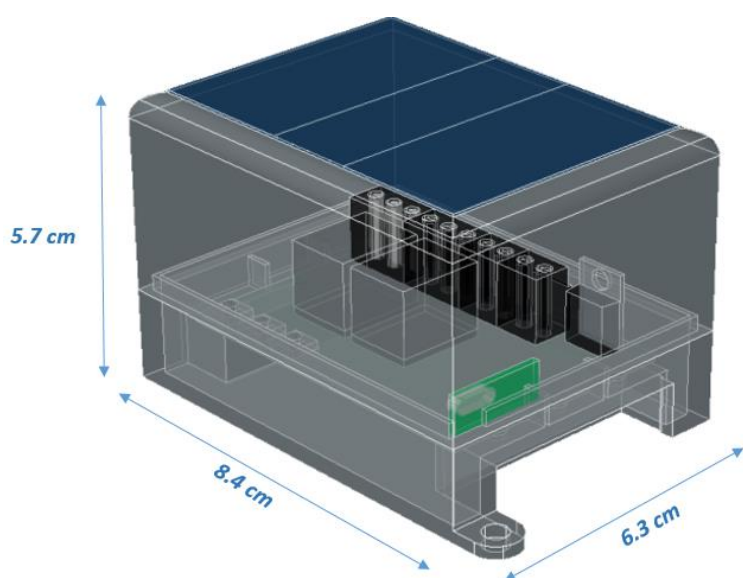
The KL2 Receiver has more benefits:

- LED indicator for signal reception. Confirmation of action taken by siren tone. Range of 80 meters line of sight, 40 meters between walls.
- Whip antenna
- Timed panic control
- Configuration of up to 20 buttons per relay, a total of 40 buttons.
- Compatible with 433MHz remote controls. Its relay outputs allow you to operate devices for: electric fence, alarm systems, lighting, pumping, automatic doors, panic signals, access controls and many more systems.

Specs		
Parameter	Worth	Unit
Supply voltage.	12	DC Volts
Supply current.	0.1	Amperes
Standby consumption	1.2	Watts
Consumption in alarm	2.2	Watts
Consumption between meals	1.2	W/hr
Internal battery support 12 Vdc 4 Amp/hr.	7	days
External battery holder 12 Vdc 30 Amp/hr	50	Days
Approximate expenditure on electricity consumption	\$0.1	usd
Line of sight range	80	Meters
Reach between walls	40	Meters
Transmission Power	10	mW
Transmission – Reception Frequency	433	MHz
Data transfer rate	4	KB/sec
Antenna – Copper wire	25	cm
Power Supply Specifications		
Input voltage	90 - 220	AC Volts \sim
Power supply frequency. *	50 - 60	Hertz
Output Voltage	12	Volts
Output Current	1.5	Amp

* Option to be powered by solar panel

Measures.





Cabinet Specifications	
Parameter	
Material	High impact polystyrene.
Feature	Flame retardant, according to standard B0.
Guy	NEMA 2 (Use in blades and drizzles)
Weight	0.35 Kg
Broad	5.7 cm