

LX Long Range Receivers & Transmitters

500m line of sight receivers with 1-6 button transmitters

Wireless industrial wall mountable transmitters for indoor or outdoor applications.



LX Long Range Receiver and Multi Button Transmitters

LX Long Range Waterproof Wireless Transmitters and Receivers

Frequently used by larger property owners and industrial situations such as farmers, plant operators, quarries and mines. The LX transmitters and receivers are often used to:

- Control gates, garage and industrial door entry systems
- Arm and disarm alarm systems
- Switch on/off all types of electrical equipment including lights, generators, water pumps, industrial fans and other machinery.

The weatherproof housing means the transmitter can be mounted externally.

The 1 channel receiver can handle up to 80 transmitters and the 4 channel can handle 256. Each transmitter has 1,2,4 or 6 individually programmable buttons.



WMTX Wireless Wall Mount Long Range Transmitters

WMTX Wireless Wall Mount Long Range Transmitter

Designed for fixed use, this long range wall mount transmitter is suitable for home, office, commercial and industrial security and access control purposes.

- No wiring necessary— powered by a 3V long-life lithium battery this transmitter is good for 60,000 activations
- Being fixed means it will not get misplaced, lost or stolen
- Weatherproof housing allows it to be mounted externally.

This transmitter is ideal for opening gates, industrial and office entrance doors as well as a door release button or under counter panic button or switching alarm systems, lights etc on/off.



WMLX Wireless Indoor Wall Mount Transmitters

WMLX Wireless Indoor Wall Mount Transmitter

These transmitters have a range of 40 metres wall mounted and 150 metres line of site. Their modern contemporary design makes these transmitters perfect for:

- Opening gates and garage doors or office entrance doors
- Panic buttons in homes, hospitals or offices
- Switching lights on/off or as a door bell button.

Get another 800m on top of the standard 500m line of sight - RPLX Long Range Wireless Repeater Unit

Teamed up with a long range wireless repeater unit, which effectively boosts signals around large areas, the range of our waterproof LX transmitters can be extended from 500 metres up to 1.3 kilometers line of sight. Useful for:

- Alarm signal transmission, Linking electric fence outputs to alarms
- Industrial machinery control
- Switching on/off farm pumps and generators



RPLX Wireless Repeater Unit

Rotech's transmitter and/or repeater unit provide the perfect solution for domestic, commercial and industrial environments where distance or radio interference is an issue.

Receiver features:

- Code-hopping Encryption
- Memory capacity - 1 Channel - 80 transmitters
- Memory capacity - 4 Channel - 256 transmitters
- Selectable Latching Relay Contact
- Selectable 1 or 3 Seconds Momentary Relay Contact
- User friendly for programming additional transmitters
- Unit can be defaulted (memory cleared) if required.

Transmitter features:

- Code-Hopping Encryption
- Unique antenna design incorporating the key ring
- Crystal frequency-controlled within +/- 100KHz
- 12V battery operation - GP23A Alkaline Cell
- Typically 2 years battery life expected under normal use
- LED flashes when there is a low battery condition
- Rubber buttons are easy to press and click positively.

Technical Specifications

Specification	LX Transmitters	LX Receivers	RPLX Repeater
Encryption Type	Code-Hopping	Code-Hopping	Code-Hopping
Transmitting Range	500m Line-of-Sight	500m Open Air	Transmit: 800m Open Air Receiver: 500m Open Air
Frequency	433.92MHz	433.92MHz	403MHz
Voltage Range	10V to 13V DC	9.8V to 26V AC/DC	9.8V to 16V DC
Dimensions (l x b x h)	70 x 37 x 18mm	187 x 104 x 67mm	187 x 104 x 67mm
Gross Weight	31 grams	235 grams	235 grams
Current Draw	32mA (Transmission)	20mA	>60mA
Relay Contact Rating		1A	
Memory Capacity		RX1-500/80 Remotes RX4-500/256 Remotes	eEprom: 4000 Codes
Outputs		RX1 - 1 Dry Relay RX4 - 4 Dry Relays	

Specification	WMTX Waterproof Wall Mount Transmitter	WMLX Indoor Wall Mount Transmitter
Encryption Type	Code-Hopping	Code-Hopping
Transmitting Range	500m Open Air	40m Wall Mounted
Frequency	403MHz	403MHz
Voltage Range	2.2V to 4.5V DC	3VDC
Dimensions (l x b x h)	60 x 60 x 25mm	95 x 70 x 16mm
Gross Weight	31 grams	150 grams
Current Draw	+/- 12mA	+/- 1uA 10%

Rotech supply all forms of door and gate automation

Vehicle Access Control

- Booms Gates
- Sliding Gates
- Swing Gates
- Industrial Door Openers
- Solar Powered Gate Openers

Pedestrian Access Control

- Full Height Turnstiles
- Waist Height Turnstiles
- Supermarket Gates/Turnstiles
- Wheelchair Access Gates
- Rapid Access Gates

Fast | Safe | Secure

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