

Wireless 433MHz 2 Button Transmitter



The Wireless 433MHz 2 Button Transmitter is designed for long range wireless access control of garage doors or sliding gates. Each transmitter is encoded with a Wiegand compatible ID number so that usage can be controlled and recorded by most electronic access control systems on the market.

This high quality transmitter is hermetically sealed to protect against water or other foreign substances. Delivering an impressive read range from 100 to 200m (328 to 656ft) in open environments, this transmitter offers both convenience and security with unmatched performance.

Feature Highlights

- Long range, up to 200m (656ft)
- 2 buttons, access control and personal alarm
- Conveniently attaches to key chain
- Standard Wiegand output
- Rolling code prevents duplication
- Optional HID proximity device for short range use
- Hermetically sealed (waterproof)

Convenience and Security

The convenience of RF transmitters blended with the security of a personal alarm system.

Personal Alarm Device

With the installation of additional receivers in desired areas, the red button can be used as a personal alarm device. In the event of an emergency where someone presses the red button, a nearby receiver will detect the signal and activate an alarm relay. This alarm relay can be used for annunciation or to activate a third party alarm system.

Short Range Proximity Option

Also available with an HID compatible proximity device inside, allowing the transmitter to be used on short range proximity readers for standard door access and eliminating the need to carry a separate access card.

Technical Specifications

Buttons	2
Supply	CR2032 3V
Battery Life	12 to 24 months
Current Consumption	15mA
Frequency	433.92MHz
Output Code Combinations	10
Modulation	AM/ASK
Rated E.R.P	58 to 100mW
Range in Free Space	100 to 200m (328 to 656ft)
Operating Temperature	-20° to 55°C (-4° to 131°F)
Dimensions (H x W x D)	60 x 40 x 16mm (2.36 x 1.57 x 0.62")
Weight	24g (0.84oz)

Ordering Information

RF-REM2-433	Wireless 433MHz 2 Button Transmitter
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Regulatory Notices

Federal Communications Commission (FCC)

FCC Rules and Regulations CFR 47, Part 15, Class A.

This equipment complies with the limits for a Class A digital device, pursuant to Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference; (2) This device must accept any interference received, including interference that may cause undesired operation.

Industry Canada

ICES-003

This is a Class A digital device that meets all requirements of the Canadian Interference-Causing Equipment Regulations.

CAN ICES-3 (A)/NMB-3(A)

RCM (Australian Communications and Media Authority (ACMA))

This equipment carries the RCM label and complies with EMC and radio communications regulations of the Australian Communications and Media Authority (ACMA) governing the Australian and New Zealand (AS/NZS) communities.

CE – Compliance with European Union (EU)

Conforms to European Union (EU) Low Voltage Directive (LVD) 2014/35/EU, Electro-Magnetic Compatibility (EMC) Directive 2014/30/EU and RoHS Recast (RoHS2) Directive: 2011/65/EU. Radio Equipment Directive (RED) 2014/53/EU.

This equipment complies with the rules of the Official Journal of the European Union for governing the Self Declaration of the CE Marking for the European Union as specified in the above directive(s).