

# FOB43303WP

433MHz PentaFOB® series Remotes with Frequency Hopping

## FEATURES

- 3-channel PentaFOB® remote
- Transmission on 5 different frequencies
- Uses frequency hopping spread spectrum (FHSS)
- One of the most secure remote controls on the market
- Competitive pricing



## APPLICATIONS

- Keyless access control for automatic gates and roller doors
- Warehouse automation i.e. Roller doors, Cooler room doors..... and anywhere else you need a wireless signal to transmit a contact closure

## DESCRIPTION

The PentaFOB® uses frequency hopping spread spectrum (FHSS), making it impossible for the remote to be interfered with or jammed. The keyring retainer is moulded as part of the chassis making for a super sturdy keyring mount.

The PentaFOB® series is an extremely versatile remote control that can be customized through a range of configurations and colours to suit your needs.

## FREQUENCY HOPPING

The PentaFOB® remotes use frequency hopping spread spectrum (FHSS). When a button is pressed, it simultaneously transmits the code on 5 different frequencies, making it impossible for the remote to be interfered with or jammed. This allows multiple transmitters to be used in close proximity with no interference or jamming.

## TECHNICAL DATA

Operating Voltage	CR2032 Battery
Standby Current	1.8uA
Current Consumption	18mA (typical) when transmitting
Battery life	1.5 years with average use
Frequencies	433.100 to 434.700MHz
Operating range	up to 120 metres depending on building structure and receiver antenna
Operating Temperature Range	-5 to 50°C
Decoding System	Encrypted 17 billion codes combinations
Dimensions	72 x 43 x 16 mm
Weight	40 grams

**COMPATIBLE RECEIVERS**

Below is a list of compatible receivers for the PentaFOB® remotes.

			
<b>PCR43301RE</b> 1-Channel Receiver with Relay Output. Enclosed in a case	<b>PCR43302P</b> 2-Channel Plug in type Receiver with Open Collector Output	<b>PCR43302R</b> 2-Channel Receiver with Relay Outputs	<b>PCR43302RE</b> 2-Channel Receiver with Relay Outputs. Enclosed in a case
			
<b>PCR43301240R</b> 1-Channel Receiver with 240VAC mains supply	<b>PCR43301240RE</b> 1-Channel Receiver enclosed in an IP66 case	<b>PCR43302240R</b> 2-Channel Receiver with 240VAC mains supply	<b>PCR43302240RE</b> 2-Channel Receiver enclosed in an IP66 case
			
<b>PCR43304R</b> 4-Channel Receiver with Relay Outputs	<b>PCR43304RE</b> 4-Channel Receiver enclosed in an IP66 case	<b>PCR43305R</b> 5-Channel Receiver with Relay Outputs	<b>PCR43305RE</b> 5-Channel Receiver enclosed in an IP66 case

## REGULATORY COMPLIANCE STATEMENTS

### American Users

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

### FCC Notice

This device has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This device generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a installation. If this device does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Caution: Any changes or modifications not expressly approved by the grantee of this device may void the user's authority to operate the equipment.

# **PentaFOB® Programming Instructions**

Coding the PentaFOB® remotes and receivers can be done in 2 different ways.

1. Using the Receiver
2. Using another Remote Control

## **Coding using the Receiver**

1. Check that all switches are “OFF” on the receivers 12-way dip switch
2. Press and hold the program button on the receiver
3. Press the remote button for 2 seconds, receiver LED will flash and then turn Green
4. Release the button on the receiver and the remote
5. Press remote control button to test the receiver output

## **Deleting Receivers Memory**

Short the Code Reset pins on the receiver for 10 seconds. This will delete all the remotes from the receiver's memory.