FOB43302H

433MHz PentaFOB® series Remotes with Frequency Hopping

FEATURES

- PentaFOB® remote with 2 raised buttons
- Transmission on 5 different frequencies
- Uses frequency hopping spread spectrum (FHSS)
- One of the most secure remote controls on the market
- AS/NZS 4268, CE and FCC compliant

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 FOB43302H is a Hand-held remote control in an industrial case. It has large raised buttons which can easily be pressed even while wearing industrial gloves.

The remote comes with a robust rubber boot which protects it in an event of being dropped or accidently knocked against a hard surface.

 FOB43302H is powered by 2 x AA batteries for longer life cycle.

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.

This technology is usually used in very expensive equipment and military applications

TECHNICAL DATA

Operating Voltage	2 x AA batteries
Standby Current	1.8uA
Current Consumption	18mA (typical) when transmitting
Battery life	1.5 years with average use
Frequency Band	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	125 x 75 x 35 mm
Weight	186 grams

COMPATIBLE RECEIVERS

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

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

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.

PentaFOB® Programmer

This programmer allows you to add and delete certain remotes from the receiver's memory. This is used when a remote control is lost or a tenant moves from the premises and the owner wants to prevent un-authorised access.

PentaFOB® Backup Chips

This chip is used to backup or restore the contents of a receiver. When there are 100's of remotes programmed to a receiver the installer normally backups the receiver memory in case the receiver is damaged.