

# PentaFOB® SERIES / USER MANUAL

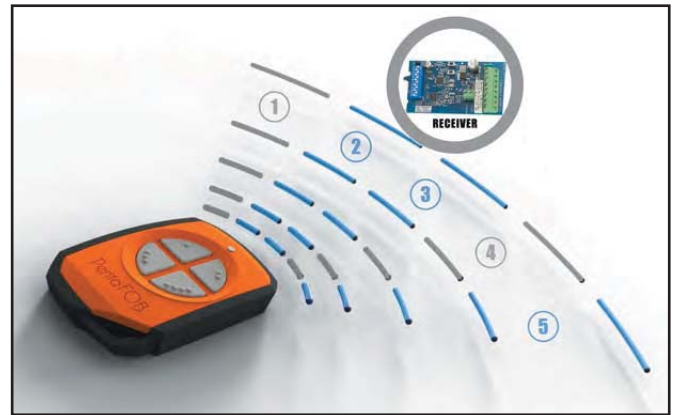
433MHz Keyring Remotes

The next generation of remote controls, superior to normal garage door rolling code remotes



## FEATURES

- ) Keyring transmitter with 1, 2, 4 or 5 channels
- ) Simultaneously transmits the encrypted code on 5 different frequencies, making it impossible for the remote to be interfered with or jammed
- ) Uses frequency hopping spread spectrum (FHSS)
- ) One of the most secure remote controls on the market
- ) Designed in Australia
- ) Competitive pricing
- ) Works with all PCR Penta series of receivers



## DESCRIPTION

The PentaFOB® uses frequency hopping spread spectrum (FHSS). This means that when a button is pressed, it simultaneously transmits the encrypted code on five different frequencies. This makes it impossible for your remote control to be interfered with or jammed.

Available in 1, 2, 4 and 5 button configurations. The keyring retainer is moulded as part of the chassis using reinforced nylon 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.

## TECHNICAL DATA

Over 17 billion encrypted codes

Operating range of up to 100 metres depending on building structure and receiver antenna

18mA (typical) at 3 Volts DC supply during transmission

Battery life of 2 years with average use

Frequency band: 433.100 to 434.700 MHz

Custom front colours available

For detailed technical data visit [www.elsema.com/automatic-gates/fob.htm](http://www.elsema.com/automatic-gates/fob.htm)



The keyring retainer in the PentaFOB® is moulded as part of the chassis using reinforced nylon making for a super sturdy keyring mount.



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



Case Black  
Upper Orange



Case Black  
Upper Blue



Case Black  
Upper Red

Choose from a range of colour options. Mix and match!  
If you require a custom Pantone® colour please contact us for more information

## **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 particular 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 could void the user's authority to operate the equipment.

### Australian and New Zealand Users

This device has been tested and found to comply with the limits for a Class [B] digital device, pursuant to the Australian/New Zealand standard AS/NZS 4268 set out by the Spectrum Management Agency





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## ATTESTATION OF TEST RESULTS

Date of Issue: 2018-04-09

Attestation Number: R1712042

Bay Area Compliance Laboratories Corp. (BACL) hereby declares that testing has been completed and that test reports have been generated for:

Product Name / Description: Keyring Remote Control  
Model: FOB43301, FOB43301L, FOB43302, FOB43304, FOB43305  
Manufactured by: South Pacific Electronics

This product has been assessed by BACL and has been found to comply with the applicable provisions of the standards listed in the below table.

Category	Standard	Test Report #
Radio Spectrum	EN 300 220-2 V3.1.1 (2017-02)	R1712042-220
EMC	EN 301 489-1 V2.2.0 (2017-03) EN 301 489-3 V2.1.1 (2017-03)	R1712042-12
Health/SAR	EN 60950-1: 2006 + A2: 2013	R1712042-3

BACL tested the above equipment in accordance with the requirement with the above Standards. The results were documented in Test Report # listed in above table apply only to the tested sample under the condition and modes of operation as described herein.

Attestation by: Kaveh Moraghebi  
Quality Assurance Manager

Signature

2018-04-09

Date

This document issued by Bay Area Compliance Laboratories Corp., ("BACL" or "Company"), is subject to its general conditions of service printed on the quotation, purchase order acknowledgement, or on the Product Certification Agreement and is available on request. We hereby notify you that those aforementioned documents contain details on the limitations of the liability, indemnification and jurisdiction issues defined therein. Anyone possessing this document is advised that information contained herein reflects the Company's results or findings at the conclusion of testing or services rendered only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of a duly authorized representative of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. The results, opinions or attestations shown in this document refer only to the sample(s) tested.

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