

PCK43302, PCK43304

433MHz Penta series Keyring Remotes with Frequency Hopping

FEATURES

- Small Size keyring remote with 2 or 4 buttons
- Dual Coding System, dip switch and encrypted code
- 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 certified



APPLICATIONS

- Keyless access control for automatic gates and doors
 - Home automation i.e. garden lights, swimming pool control etc.
 - Wire security, lighting and automotive controls
- and anywhere else you need a wireless signal to transmit a contact closure

DESCRIPTION

The PentaCODE[®] dual coding system gives the installer the option to use the classic 12-way dip switch coding or one of over 17 billion encrypted codes.

With the 12-way dip switch, just match the keyring remotes and the receiver's dip switch and it's coded.

With the encrypted code you switch all the 12- way dip switches OFF and the remote and receiver automatically goes into the encrypted coding. The Pentacode[®] remotes, when used in encrypted mode, can be programmed from another working remote.

TECHNICAL DATA

Operating Voltage	12 Volt Battery
Standby Current	1.8uA
Current Consumption	18mA (typical) at 12 Volts DC supply during transmission
Battery life	1.5 years with average use
Frequencies	433.100 to 434.700MHz
Operating range	up to 200 metres depending on building structure and receiver antenna
Operating Temperature Range	-5 to 50°C
Decoding System	Encrypted 17 billion codes combinations or On board 12-way code switch
Weight	30 grams

COMPATIBLE RECEIVERS

Below is a list of compatible receivers for the PentaCODE keyring remotes.

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

ELSEMA'S INVENTION

Elsema has once again revolutionised the wireless, automatic gate and door industry. With our next generation of Penta series that use dual coding, frequency hopping and customizable features, these remotes and receivers are superior to normal garage door rolling code remotes.

Penta originated from the 5 sides of a Pentagon. The 5 sides representing each frequency the keyring remote control operates on. Most keyring remote controls operate on a single frequency, we wanted to be the first in the world to operate a keyring remote control on 5 different frequencies giving it a high level of security and immunity to interference.