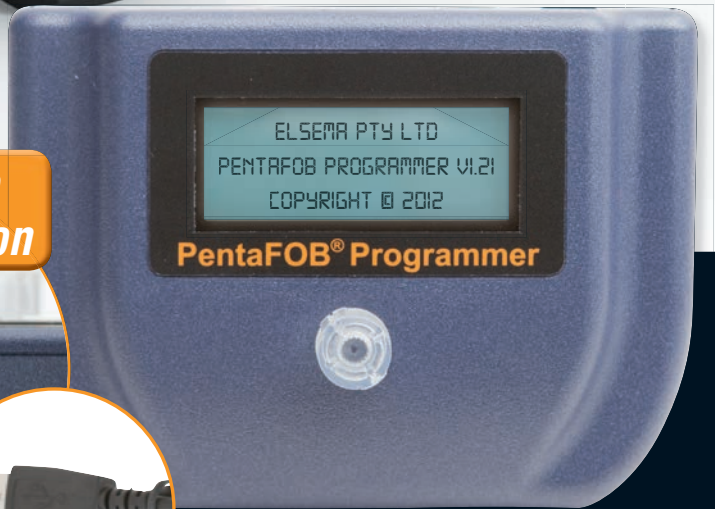




*First to have  
USB connection*



**PentaFOB Programmer**

## Features

- Add, Edit and Delete individual PentaFOB transmitters from the receiver
- Backup and Restore receiver's memory to mini FOB chips
- Easy to read with a large LCD display with back light
- 1-touch Master control for quick and easy setup
- 1 backup or restore chip is included
- USB programming cable included
- Password protect the receiver
- Ergonomically designed case
- No battery is required

## Description

The PentaFOB programmer can add, edit and delete individual PentaFOB transmitters from the receiver's memory. Simply plug in the USB cable on the back of the programmer and the other end of the cable to the receiver. The programmer will automatically detect the receiver model number and then display the corresponding information. With the easy-to-read 4-line large LCD the setup can be done quickly with clear instructions displayed on the screen.

The programmer has a password feature which allows you to lock the receivers to prevent any unauthorised access to the receiver's memory.

There is a backup or restore memory chip (FOBchip) included with each programmer. This chip is used to backup or restore the contents of a receiver. When there are 100's of transmitters programmed to a receiver the installer normally backs up the receiver memory in case the receiver is damaged or lost. Additional backup or restore chips are sold separately.

## Important warning and safety instructions

All installations and testing must be done only after reading and understanding all instructions carefully. All wiring should be done only by trained technical personnel. Failing to follow instructions and the safety warnings may result in serious injury and/or damage to property.

Elsema Pty Ltd shall not be liable for any injury, damage, cost, expense or any claim whatsoever to any person or property which may result from improper use or installation of this product.

## Part Numbers:

Part Number	Description
<b>FOBprog</b>	The Programmer includes 1 FOBchip for backup or restore and USB cable
<b>FOBchip</b>	Additional backup or restore chips are sold separately
<b>FOBcable</b>	USB cable to connect the programmer to the Penta series receivers



Risk in the goods purchased shall pass to the buyer upon delivery of the goods, unless otherwise agreed to in writing.

Any figures or estimates given for performance of goods are based upon the company's experience and is what the company obtains on tests. The company will not accept liability for failure to comply with the figures or estimates due to the nature of variable conditions affecting for example Radio Remote Controls.

Please keep these setup instructions for future reference.

# Setup Instructions

Connect power to the receiver. Then plug the USB cable into the programmer and the other end of the cable into the receiver program socket. You are now ready to use the programmer. Follow the messages on the programmer's display.

## Menu 1 – Add Transmitter & Check Transmitter Number

### Menu 1.1 - Add Transmitter

This feature will add a transmitter to the receiver's memory and display the unique transmitter number. It will also show the relay channel that will be activated when the transmitter button is pressed. Use the unique transmitter number to identify who will use the remote. Record this information to your database log.

### Menu 1.2 - Check Transmitter Number

This feature will display the transmitter unique number and the relay that is activated when the button is pressed. You can add transmitters to the receiver using the receiver "program button" and then use the "Check Transmitter Number" feature to view the unique transmitter number. Use this information to record the unique transmitter number to your database log.

## Menu 2 – Delete Remote

This feature will delete individual transmitters from a receiver. After deleting a transmitter make sure you update the database log records.

**Menu 2.1** - Delete the transmitter from the receiver memory for relay [channel 1](#)

**Menu 2.2** - Delete the transmitter from the receiver memory for relay [channel 2](#)

**Menu 2.3** - Delete the transmitter from the receiver memory for relay [channel 3](#)

**Menu 2.4** - Delete the transmitter from the receiver memory for relay [channel 4](#)

**Menu 2.5** - Delete the transmitter from the receiver memory for relay [channel 5](#)

If you are using a receiver with 2 relay channels, menu's 2.3, 2.4, 2.5 will not be displayed on the programmer.

### **Warning**

Each receiver has a Code Reset pin. If this pin is shorted for 10 seconds it will delete all the transmitters from the receiver's memory.

## Menu 3 – Backup and Restore

### Menu 3.1 - Backup Receiver

This feature will copy the receiver's memory to the FOBchip's. Plug the FOBchip into the back of the programmer unit and select menu 3.1 to backup the receiver. After backup the FOBchip will have a copy of the receiver's memory. Label the FOBchip and keep it in a safe place.

When there are 100's of remotes programmed to a receiver the installer normally backs up the receiver memory in case the receiver is damaged.

### Menu 3.2 - Restore Receiver

This feature will copy the FOBchip's memory to a receiver. Plug the FOBchip into the back of the programmer unit and select menu 3.2 to copy the contents of the FOBchip to the receiver.

## Menu 4 – Password

### Menu 4.1 - Enter Password

This feature allows you to lock the receiver to prevent any unauthorised access to the receiver's memory. You will not be able to add, edit or delete to the receiver's memory if you do not know the password. Even the 10 second Code Reset pins are disabled preventing deletion of the complete receiver memory.

A maximum of 10 characters can be used for the password.

Entering two spaces will advance the cursor to the SAVE or EXIT menu.

### Menu 4.2 - Delete Password

This feature allows you to delete the password. You must first enter the correct password to be able to enter into the programmer features and delete the password.

# PentaFOB Programming Instructions

Coding the PentaFOB transmitters and receivers can be done in 3 different ways.

1. Using the Receiver (Refer to the instructions below)
2. Using another Remote Control (Refer to the instructions below)
3. Using the PentaFOB programmer (Refer to the instructions in this manual)

## 1. Coding using the Receiver

1. Check that all switches are “OFF” on the receiver’s 12-way dipswitch
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’s output

## 2. Coding using another Remote Control

1. Open the case of a remote control that is already programmed and press and release the program button on the back of the boards.
2. Press the new remote control button for 2 seconds
3. Press the new remote control button again to test the receiver output

## 3. Coding using the PentaFOB programmer

Follow the instructions in this manual to add, edit and delete individual PentaFOB transmitters from the receiver’s memory.

# Receiver Database Log for PentaFOB Remotes

Customer Name : \_\_\_\_\_

Address : \_\_\_\_\_

Receiver Channel Number : 1 2 3 4 5 (Circle Correct Relay Number)

<u>Remote Number</u>	<u>User Name Description</u>	<u>Valid Date</u>	<u>Delete Date</u>
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			

Example Only

## Database Log Sheets

The above database log sheet is limited to 20 entries and is only shown as an example. Visit [www.elsema.com/auto/pentaprogrammer.htm](http://www.elsema.com/auto/pentaprogrammer.htm) to download an Excel file that allows you to store over 1000 transmitters.



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