DELUXE REMOTE IMMOBILISER
USER INSTRUCTIONS

CYCLOPS
SECURITY SYSTEMS

PROUDLY AUSTRALIAN

Contents

Page

CYCLOPS PARALYSER 355 ENGINE IMMOBILISER

CYCLOPS
SECURITY SYSTEMS

Introduction

Congratulations on having one of the world's most advanced engine immobilisers installed in your vehicle. The CYCLOPS P355 meets Australian Standards AS/NZS 4601. The P355 uses high security, high reliability circuitry to disable your car's engine.

The P355 is designed as a modular system, and so by adding an approved siren, sensor and switch connections, the P355 can be upgraded to a fully featured alarm system.
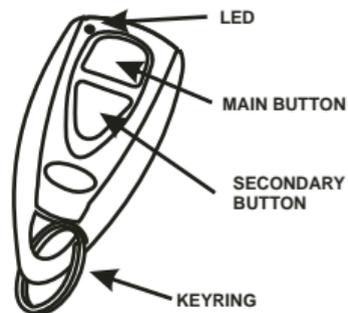
OPERATIONS

REMOTE CONTROLS

The P355 is supplied with two rolling code remote controls. Each time a button is pressed, the code rolls to a new code. Each code is never used twice. A small green Light Emitting Diode (LED) will light when a remote control button is pressed.

LED

MAIN BUTTON

SECONDARY BUTTON

KEYRING

ARMING AND DISARMING

To arm or disarm the system, press the main button on the remote control. The vehicle's indicators will confirm a valid remote operation. Two flashes for arm and one flash for disarm. The status LED located on the car's dash or steering column will flash when the immobiliser is armed.

AUTOMATIC ARMING

The P355 will automatically disable the engine 40 seconds after the ignition switch is turned off. Pressing the main remote control button after the system has automatically armed, will command the P355 to disarm for another 40 seconds. Switching the ignition switch to the ON position is the only way to stop/reset the auto-arming countdown.

DOME LIGHT FUNCTION

When the P355 is disarmed by remote control, the internal circuitry will switch on the car's dome light for 30 seconds. This feature will be cancelled if the driver turns the ignition switch to the ON position. Factory setting is disabled (see page 7 for details)

IMMOBILISATION

The P355 includes two independent circuits of immobilisation. Each circuit starves the engine of one of it's critical power supplies. The circuits are designed to be fail-secure, so if a would-be thief was to cut power to the P355, the circuit design will ensure the car remains immobilised.

EMERGENCY PIN OVER-RIDE

If either of the remote controls supplied with the P355 is lost, broken or stolen, the immobiliser can be disarmed by use of a unique 4 digit Personal Identification Number (PIN). The PIN is entered using a combination of ignition switch and LED flashes (see page 5).

OVER-RIDE PROCEDURE

To illustrate the PIN over-ride procedure we will assume a PIN of 4,3,2,1.

1. *If indicators are already flashing (and horn is sounding - see Optional Features: HORN) allow the system to reset with all doors closed.*
2. *Turn ignition switch to ON position, the status LED will remain lit.*
3. *Turn ignition switch to the ACC position and count the LED flashes.*
4. *Turn ignition switch ON when the 4th flash has extinguished.*
5. *Turn back to ACC position and count 3 flashes, switch ignition ON.*
6. *Turn back to ACC position and count 2 flashes, switch ignition ON.*
7. *Turn back to ACC position and count 1 flash, switch ignition ON.*

When all four digits have been entered correctly, the car's indicators will flash once to confirm that the immobiliser is disarmed. The engine can be started and the car driven. The automatic arming feature will ensure car is secured again if the ignition is left off for more than 40 seconds.

PROGRAMMABLE OPTIONS

The P355 includes 9 programmable options which alter the system functions to comply with the user's preferences and vehicle special needs. Changing an option setting is as simple as

- *Switch the ignition key ON a certain number times (this number corresponds to the option number).*
- *Press the remote control after the prompt from the vehicle's indicators.*

After the remote press the indicators will flash either once or three times to show the result of the option change. Please see the follow table:

PROGRAMMABLE OPTIONS TABLE

IGNITION SWITCH TURNS		1 FLASH	3 FLASHES
3	ANTI HIJACK	DISABLED	ENABLED
7	PROGRAM NEW REMOTE	PRESS REMOTE	
9	DOME LIGHT UPON DISARM***	DISABLE	ENABLED
11	HORN/SIREN OUTPUT TYPE	PULSED	CONSTANT
13	ARM/DISARM CONFIRMATION	DISABLED	ENABLED
15	12O SEC RELOCK	DISABLED	ENABLED
17	C/LOCKING PULSE TIME***	0.8 SEC	3 SECS
19	CHANGE PIN CODE	BEGIN NEW PIN	
21	OPEN DOOR WARNING	DISABLED	ENABLED

*** do not change - installer only (incorrect setting can damage the system or central locking)

PROGRAMMABLE OPTION DESCRIPTIONS

- *Option #3**   the Anti Hijack feature locks the car doors when the ignition is switched on, except when a connected door is open. The anti hijack feature unlocks the doors when the ignition is switched off (when driver has reached destination). The feature is disabled if the dome light illumination is extended by a vehicle timing circuit.*

- *Option #7 programming remote isn't strictly an optional feature. This feature is used if a spare remote is purchased. Carry out the same procedure as normal option changes. The first flash indicates the system is ready to accept a new remote code. Press the main button of the new remote control within two seconds to teach system. Four indicator flashes indicates successful programming procedure.*

- *Option #9 illuminates the dome light of the vehicle for thirty seconds when the system disarmed. The light will extinguish early if the ignition switch is turned to the ON position. Installer may have disabled this function to prevent damage to system (enquire before enabling).*

- *Option #11** determines whether the 30 seconds of siren output is constant or pulsed. The constant output suits a connection to a siren, which allows the siren to sound at full volume. The pulsed output suits the car horn.* *** optional feature - will require additional connection(s).*

PROGRAMMABLE OPTION DESCRIPTIONS cont'

- *Option #13** sets the system to always arm/disarm in silent mode. The standard indicator flashes will accompany each arm/disarm command, but the siren will remain silent.*

- *Option #15** enables the auto-relock feature. The doors will automatically re-lock when the vehicle has been disarmed by remote control and the doors remain closed for more than 120 seconds.*

- *Option #17** is used to extend the time length of the central locking pulses. Vehicles that use a pneumatic central locking system require about three seconds to allow the pump to charge the air hoses. Enable this option only to extend the time in these situations.*
Warning: extending the pulse time to a direct drive relay will cause damage to actuator.

- *Option #19 is used to change the values of the Emergency PIN. A card with the PIN details must be supplied by your installer. Please contact your installer if the card is missing.*

- *Option #21 the alarm system can be set to produce an open door warning when arming. The warning is in the form of a short series of chirps from the siren or horn. Do not enable this option where the dome light illumination is extended by the vehicle's timing circuit.*

** optional feature - will require additional connection(s).
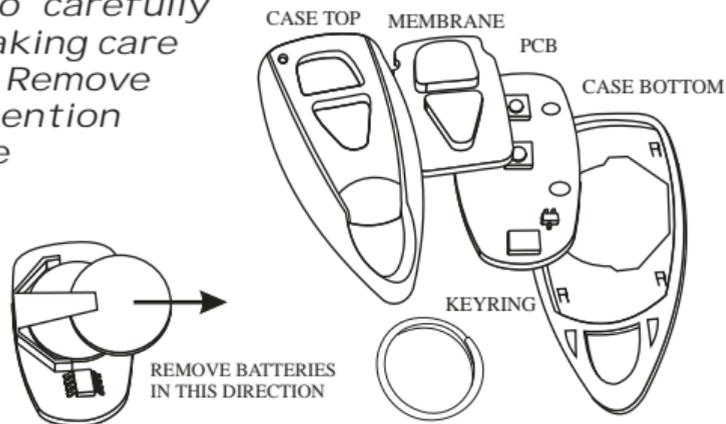
CHANGING PIN CODE

To alter the PIN code of the system, follow the standard option change procedure; select option #19.

- *The vehicle indicators will flash twice to inform you that the system is ready to accept the new PIN. The "time-out" is set to two seconds. If the programming has not begun before then, the system will drop-out of programming mode.*
- *Enter the new digits by momentarily pressing the main button on a valid remote control. The vehicle indicators will flash in response to each press. Stop pressing when the correct digit count is achieved. Each digit will be confirmed by two indicator flashes.*
- *Enter the remaining digits in the same fashion. Four flashes will confirm the programming procedure is complete.*

Arm the system and confirm the new PIN by completing override procedure (page 5). Ensure the new PIN is recorded, but do not leave in vehicle.

BATTERY REPLACEMENT

Using a flat head screwdriver to carefully separate the two body housings taking care not to disturb the circuit board. Remove the old batteries whilst paying attention to the orientation of the positive and negative terminals. Insert new batteries in identical fashion to the original and re-assemble remote. Test remote control by pressing main button. For further information, please contact your local Cyclops service centre. Remote battery type CR2O16.

CASE TOP   MEMBRANE
PCB
CASE BOTTOM
KEYRING
REMOVE BATTERIES IN THIS DIRECTION

OPTIONAL FEATURES

All optional features require additional connections. Many require additional hardware as well. Each feature is described within the next pages.

HORN CONNECTION

The P355 includes circuitry to sound the car horn relay. The car horn will toot to confirm arming / disarming. The car horn will pulse for thirty seconds if a thief opens the door after the system was armed by remote.

TEMPORARY SILENT ARMING

The second button on the remote control can be used to cancel the car horn confirmation*. To cancel car horn toots for one operation, press the second button momentarily before pressing the main button. The confirmation car horn toots will be re-enabled for the next operation. The P355 can also be programmed to permanently disable the car horn confirmation by changing option #13.

PANIC

When the main button on the remote control is pressed and held down for more than two seconds the system will go into a panic mode*. In this mode the indicators will flash and the car horn will pulse. The panic mode will continue for thirty seconds. Should you wish to cancel the panic signal before thirty seconds, press the main button of the remote control again.

CENTRAL LOCKING

Each time the P355 is armed by remote control the car doors will lock. Likewise when disarming by remote control, the doors will unlock. When the auto-lock feature (#15) is enabled, the doors will re-lock after 120 seconds if all doors remain closed after disarming.

BOOT RELEASE
Press the second button on the remote control and keep it depressed until the boot releases*. This will take about three seconds. A successful boot release signal will disarm the alarm and flash the vehicle indicators four times. This function can only operate if the vehicle is equipped with an electrical boot release.

ANTI HIJACK
Two seconds after the ignition is switch to the ON position, the P355 will lock the cars doors. The lock signal will be cancelled if the P355 detects any connected door open*. As soon as the ignition switch is turned off, the P355 will unlock the doors*. This feature comes as standard, and can be disabled (see option #3).

ELECTRIC WINDOW CLOSER
Only when the P355 is armed by remote control, the electric windows of the car will roll up until closed.

ONBOARD DIAGNOSTICS
Each time the P355 is triggered, the system stores the identity of the triggered zone in memory. A diagnostic report is produced the next time the P355 is disarmed by remote control.

Flashes	Zone Description
1	Bonnet switch
2	Auxiliary trigger
3	Door open
4	Glass breakage sensor

SPECIFICATIONS

Manufactured by	Dynamco Pty Ltd.
Model Number	P355.
Standards met	AS/NZS 4601
Supply voltage	+9VDC - 15VDC.
Current consumption	less than 20mA (while armed).
Country of manufacture	China (in Dynamco's ISO-9002 facility).
RF Transmission Freq	433MHz

TROUBLE SHOOTING

System won't arm. LED on dash won't flash.

- Make sure that ignition switch is in the OFF position.
- Ensure the vehicle battery is not flat.
- Try your spare remote transmitter unit.

System won't disarm. LED on dash won't extinguish.

- Try spare remote control
- Use Emergency PIN to override system and contact nearest Cyclops service centre.

The remote fails to operate

- If the remote fails to operate and the LED does not light up when the button is pressed then change the battery. To do this you will need a small screwdriver. See page 10 for details on battery replacement

WARRANTY

The Dynamco range of Cyclops Security Systems is covered by an extensive two year warranty (parts & accessories one year). In the unlikely event of a faulty system Dynamco will either replace or repair the system at no cost during the 2 year period.

The warranty does allow for the following conditions ~

Subject to the conditions stated below, Dynamco Pty Ltd warranty the product to be free from manufacturing defects and faulty material within the warranty period stated.

That the warranty registration has been completed in full at the time of purchase / installation and is produced when warranty service is sought

The warranty does not cover general maintenance such as cleaning / adjusting of door, boot, bonnet or any entry point switch, nor replacement of consumables items such as transmitter batteries, lighting circuit bulbs / switches.

The warranty shall be null & void if: -

1. Any person other than by an Authorised Cyclops Sales, Service & Installation Centre has repaired the product.

2. Should a system / part defect become apparent within the warranty period DYNAMCO PTY LTD will repair the product free of charge for parts and labour. The warranty does not cover service labour content or mobile service content.

3. The product has been altered or tampered with in any way, or the serial number altered, defaced or removed.

4. The defect has been caused by negligence by the owner or their agent / third party.

5. The product has not been operated correctly, installed by an unauthorised Cyclops installer or has been subjected to misuse or undue wear and tear

6. Siren, control module, remote controls or any other system part are damaged by water.

The warranty does not cover the following costs: -

1. Transport of the product to and from Cyclops Service Centres.

2. Insurance of the product whilst in transit to or from the Cyclops Service Centres

3. Cost of any service call / labour where the product is found by Cyclops to be in good working order

The benefits conferred by this Warranty are in addition to all other rights and remedies, which the consumer has conferred in law.

"No liability is accepted for any loss, loss from, damage to or inability to use the vehicle to which the system is installed".

WARRANTY REGISTRATION

CYCL⬤PS
SECURITY SYSTEMS

PURCHASED FROM _____

OWNER'S NAME _____

TYPE OF VEHICLE _____

VEHICLE REGO _____

MODEL OF UNIT _____ *P.I.N* _____

DATE OF MANUFACTURE _____

DATE OF INSTALL' _____

WARRANTY PERIOD

       CONTROL MODULE _____

       SIREN & REMOTES _____

INSTALLER'S NAME _____

AFTER HOURS EMERGENCY PHONE _____