

# SmartBrake

## Smartbrake Keypad Quick Reference Guide & Operational Codes

The main interface with the Smartbrake unit is via a keypad with indicators. The keypad shown below.

Mode Indicator LED Green

Status Indicator LED Red



The keypad is used to enter commands and clear alarm status.

### Clear Alarm Status

In the event that Smartbrake activates and the system requires clearing then the user simply enters the 4 digit code, default to “0000” and the system will return to normal mode of operation.

### Command Codes

The following codes can be used to setup and change the operational Mode of Smartbrake. These codes can only be entered after a valid user code has been entered. There is then a 30 second window in which to enter the command, after which the user code must be re-entered. All command codes are 5 keystrokes starting with the “\*” key.

*1234	Set speed threshold
*2345	Enter Maintenance mode
*2789	Set single User Code
*3000	Put unit into Towing mode
*4789	Set new multiple user code
*5789	delete multiple user code
*6789	Clear multiple user code list

\*6666 Decommission unit  
\*8001 Change Park brake polarity  
\*9001 Change Door Polarity  
\*9173 Activate Brake

## **Diagnostic Codes**

\*4001 Display door status LED on, indicates door open  
\*4002 Display seat status LED on, indicates seat occupied  
\*4003 Display Park brake status LED on, indicates brake off  
\*4004 Display input #1 status  
\*4005 Display input #2 status  
\*4006 Display ignition status  
\*4007 Manually activate Brake solenoid  
When in this mode the diag/maintenance/Mode LED will light, then press the following keys to activate the function  
1 – brake on  
2 – brake off  
\*4008 - Manually activate Alarm relay  
When in this mode the diag/maintenance/Mode LED will light, then press the following keys to activate the function  
1 – Alarm on  
2 – Alarm off  
\*4009 - Speed pulse reporting  
During this mode the speaker will beep when there is a speed pulse, the rate of beep does not change, the beep indicates that there has been a pulse and that is all.

## LED Indicators

The Smartbrake keypad has two indicators to show the current system state. These are detailed below.

Mode	Green LED	Notes
Normal Driving	Blinks on once every 3 seconds	
Towing Mode	Blinks on 3 times then pause then repeats	*3000
Maintenance Mode	On continuously	*2345
Diagnostic Mode	Blinks on and off in even timing no pause	*400x

Mode	Red LED	Comment
Normal driving	Off, unless Smartbrake activates then on continuously	On indicates alarm situation that needs attention
Towing mode	Always off	
Maintenance mode	Always off	
Diagnostic mode	Indicates status of various sensors depending on the diagnostic command entered.	

## User Code Lost or forgotten

In the event that the user code is lost or forgotten then it can be reset but not by the user, please contact your Smartbrake installer to be guided through the reset of the user code.

These codes and indicators are applicable to main hardware unit firmware version 1.52 and above.

For more information please visit [www.smartbrake.com.au](http://www.smartbrake.com.au) or contact Smartbrake at [sales@smartbrake.com.au](mailto:sales@smartbrake.com.au)