

# INSTALLATION & OPERATION



## Saturn Keypad

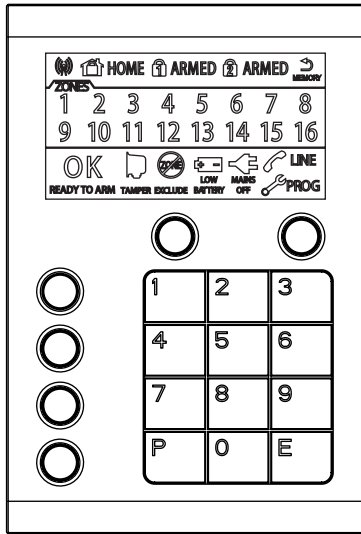
<b>Product part number</b>	106-108-WHT Saturn Keypad White 106-108-BLK Saturn Keypad Black 106-108-OMT Saturn Keypad Ocean Mist	
<b>Document part number</b>	890-405	Rev 1



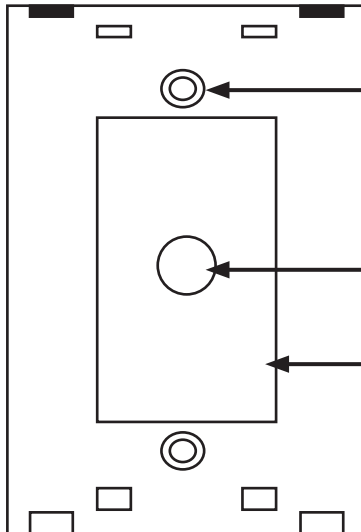
Image: Saturn keypad White

- Architecturally designed premium keypad
- Glossy glass-look fascia
- High Contrast LCD icon display
- White and Red LCD backlighting
- Red LCD backlighting for alarm memory
- Satin finish tactile buttons
- Laser etched graphics
- Adjustable keypad beep volume
- Adjustable LCD brightness
- Adjustable blue keypad backlighting
- Supports D8x/D16x V6 panels

# INSTALLATION



↑ Push lugs with a flat screwdriver to release keypad



To release the keypad from the base, push the two locking lugs at the bottom of the keypad and lift the keypad out and away.

To fit the keypad to the base align the top locating lugs then swing the keypad down to lock the bottom lugs.

Accessories supplied:

- 1 x 4 wire loom
- 2 x Low profile self tapping screws
- 2 x Low profile machine screws
- 4 x Gel crimp connectors



## IMPORTANT NOTE

To achieve an extremely low profile this premium keypad is designed with close internal tolerances.

**Use only the Low Profile screws provided. Larger screw heads may damage the circuit board and invalidate your warranty.**

2 x mounting holes to suit single gang wall bracket/saddle.

Cable entry.

Recess cutout 47mm x 76mm

# INSTALLATION

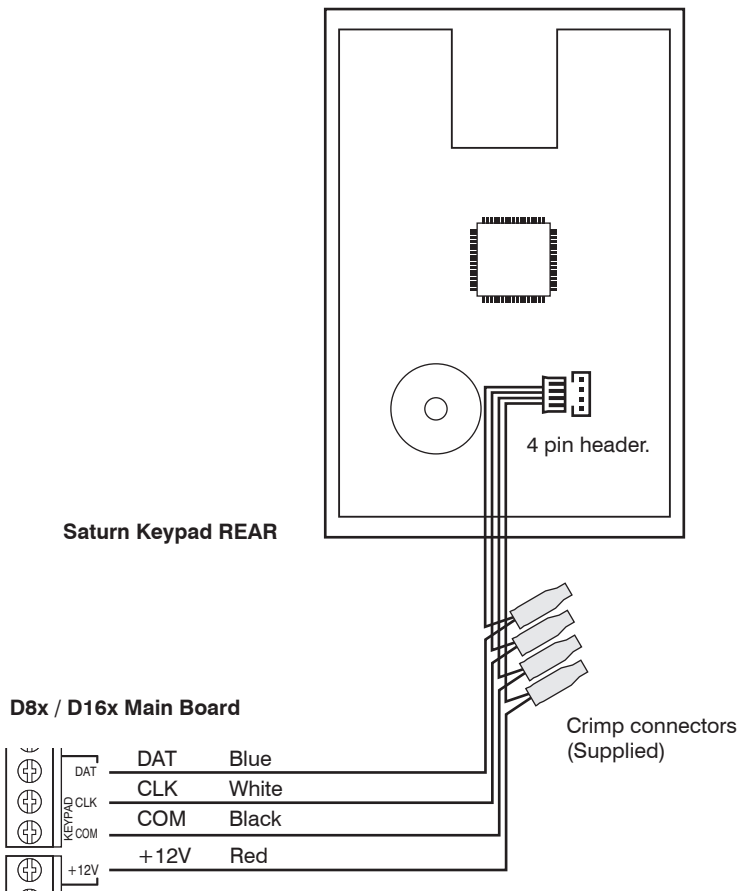
## Wiring

Keypad should be wired to the control panel using minimum 7/020 security cable.

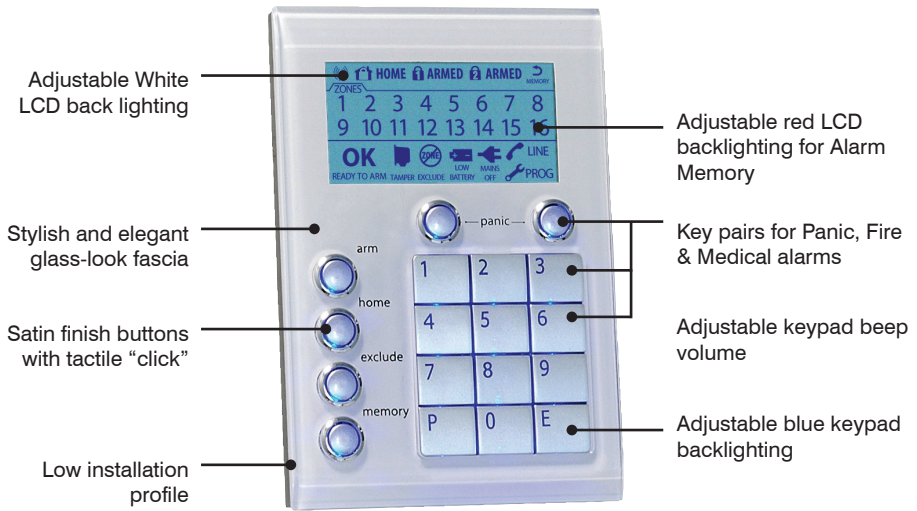
Up to three Saturn keypads can be connected per control panel as long as the maximum current draw for all detectors and keypads is below 500mA.

Maximum allowable cable distance is 100m including cable to all keypads.

Wire additional keypads in "star" configuration to the control panel.

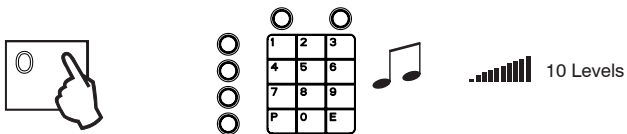


**Unique Features**



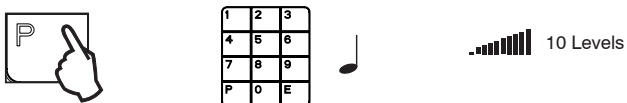
**Adjust Chime Volume**

Press and hold the **0** key. Release when the desired volume is reached. A short beep will be heard at the highest level.



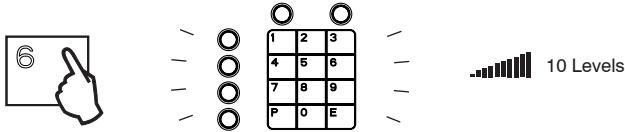
**Adjust Key Beep Volume**

Press and hold the **P** key. Release when the desired volume is reached. A short beep will be heard at the highest level.



### Adjust Keypad Backlight Brightness

Press and hold the **6** key. Release when the desired brightness is reached. A short beep will be heard at the highest level.



### Adjust LCD brightness - White backlight

Press and hold the **9** key. Release when the desired brightness is reached. Brightness level 1-10 is displayed on the LCD during adjustment.



### Red backlight

Saturn Keypad has a unique high visibility flashing RED backlight mode which is triggered by any alarm event. The red backlighting is designed to be especially visible to alert you that an alarm event has occurred and is present in the alarm memory.

### Adjust LCD brightness - Red backlight

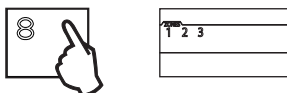
Press and hold the **7** key. Release when the desired brightness is reached. Brightness level 1-10 is displayed on the LCD during adjustment.



### Red backlight options

The flashing red backlight option has three methods of operation, selectable by options 1 to 3.

Press and hold the **8** key. Release when the desired option 1, 2 or 3 is reached.

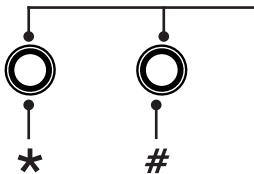


#### Red backlight Options

1. Red backlight is cleared by any keypress (Default).
2. Red backlight flashes until the Alarm Memory icon is cleared.
3. Red backlight is disabled.

## Special Key Functions

These Double Key functions are only available when the Saturn keypad is used with D8x/D16x panels V6 and later. Not applicable to previous panel versions.



### Panic Alarm

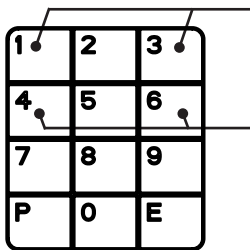
1. Press the two Panic keys together for PANIC alarm. (Press and hold the keys for at least 1.5sec)
2. If programmed by the installer, the Panic keys are also used to turn AUX outputs ON or OFF. (See D8x/D16x V6 Installation Manual P141E-P144E).

To operate AUX1 press 11\* to turn on, press 11# to turn off.

To operate AUX2 press 22\* to turn on, press 22# to turn off.

To operate AUX3 press 33\* to turn on, press 33# to turn off.

To operate AUX4 press 44\* to turn on, press 44# to turn off.



### Fire Alarm

Press the 1 & 3 keys together for FIRE alarm.

(Press and hold the keys for at least 1.5sec)

### Medical Alarm

Press the 4 & 6 keys together for Medical alarm.

(Press and hold the keys for at least 1.5sec)

**NOTE:** Fire Alarm and Medical Alarm are disabled by default. See P126E control panel programming.

## Programming

Programming option P126E in the D8x/D16x V6 and later control panels enable the Saturn KP Panic, Medical and Fire alarms as well as the Chime mode. Saturn can also be used with previous versions of D8x/D16x panels but these Saturn options will not be available.

P126E	D8x/D16x PANEL / KEYPAD OPTIONS
<p><b>PROGRAM MODE LEVEL</b> Installer Program mode / NessComms V5.3 or later.</p> <p><b>FACTORY DEFAULT</b> All off.</p> <p><b>NOTES</b></p> <ul style="list-style-type: none"> <li>• One or all options can be enabled.</li> <li>• To operate Saturn double key functions press and hold the matching keys for at least 1.5sec. (In normal operating mode only, keypad pairs are disabled in programming mode).</li> </ul> <p><b>RELATED OPTIONS</b> P61E 5E-8E Keypad PANIC outputs P75E 2E Report MEDICAL alarms P75E 3E Report PANIC alarms P75E 4E Report FIRE alarms</p>	<p>The Saturn keypad has keypad pairs for Panic, Fire and Medical alarms and special chime modes.</p> <p>These program options are available only in D8x/D16x V6 and later.</p> <p><b>TO PROGRAM</b></p> <ol style="list-style-type: none"> <li>1. Press <b>P126E</b>.</li> <li>2. Press <b>1E-5E</b> to turn an option ON or OFF.           <ul style="list-style-type: none"> <li>1E ON, enables double key PANIC.</li> <li>2E ON, enables double key FIRE.</li> <li>3E ON, enables double key MEDICAL.</li> <li>4E ON, enables Entry Chime in Day mode. Used to announce entry in Day mode.</li> <li>5E ON, enable Chime in Saturn keypads. Used to announce entry in Monitor mode.</li> </ul> </li> </ol>



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**NESS SATURN KEYPAD INSTALLATION & OPERATION NOTES, Revision 1**  
Document Part Number 890-405

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106-108-BLK Saturn Keypad Black

106-108-OMT Saturn Keypad Ocean Mist

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