

## COMPUTER SAFEGUARDPRO INSTALLATION GUIDE

Thank you for choosing the Computer SafeguardPro as your monitoring system.

Whilst the Safeguard is a robust and user-friendly system, by following the basic installation procedures you will ensure a quick and trouble free installation.

Please follow the procedures outlined in the next section and if in doubt at any time please do not hesitate to contact Computer Support Systems on telephone number (03) 9419 3955 or mobile 0407 577 010 for advice.

### BASIC INSTALLATION

Step	Procedure
<i>Unpack</i>	Unpack the Safeguard equipment from the box and verify the contents in comparison to the Packing Slip attached to the outside of the box.
1.	Visually inspect the Safeguard main unit for any transit damage. If damage is visible contact CSS for further instructions
2.	Ensure the main unit is turned <b>OFF</b> (View the front panel. If the display is active depress and release the <b>green</b> keybutton and verify the display is turned off) Turn the Safeguard upside down.
<i>Activate Real Time Clock battery</i>	On the bottom LHS approx 100 mm from the edge you should see a small dipswitch with two small switches. These are the control for the <b>Real Time Clock</b> With the tip of a ball point pen turn the switches to the <b>ON</b> position.
3.	Carefully turn the unit to the right side up and insert the IDC 240 Volt A.C power cord into the receptacle on the rear RHS.
4.	Plug the other end into a standard 240 Volt outlet and turn the power on at the wall outlet
5.	At the Safeguard depress the small <b>red</b> key switch to apply power to the Safeguard supply
6.	Depress the small <b>green</b> push button adjacent to the <b>red</b> power switch to apply power to the Safeguard.
7.	When the green keybutton is depressed you should hear the internal buzzer emit a BEEP noise. If you do not hear the beep depress and release the <b>green</b> keybutton to turn off the unit. Contact CSS for further advice.
8.	If you hear the audible BEEP the display should now read <b>"No Alerts Alls well"</b> (You will note the <b>N</b> is flashing which indicates the Safeguard is unprogrammed)
<i>Insert Serial Number</i>	The Safeguard requires a <b>Serial Number</b> to be programmed into the unit to commence operation. The following steps detail the set up procedure for the Serial Number

9.	Depress the <b>C</b> <u>onfig</u> keybutton on the front control panel <b>"Inputs Dialler Relays Timer Install"</b> will display on the front panel
10.	Using the > key depress the key repeatedly until the curser is under the <b>I</b> <u>nstall</u> legend Press and release the <b>E</b> <u>nter</u> keybutton
11.	At the Install display depress the > keybutton repeatedly until the cursor is under the <b>S</b> <u>erial Number</u> option.
12.	Key in the four number <b>S</b> <u>erial Number</u> which is to be found on the rear of the Safeguard adjacent to the Power switch
13.	After keying in the number press the <b>E</b> <u>nter</u> keybutton followed by the <b>M</b> <u>enu</u> keybutton until the display shows <b>"No Alerts Alls Well"</b>
<i>Setting the Time</i>	The Safeguard requires the <b>R</b> <u>eal Time Clock</u> to be set into the unit to commence operation. The following steps detail the set up procedure for the clock set up procedure
14.	Depress the <b>T</b> <u>ime</u> keybutton
15.	When the time is displayed press the <b>M</b> <u>ute</u> keybutton to restore the time registers to <b>01/01/01</b> for the day <b>01/01/01</b> for the time
16.	Key in the real time by Day Month Year format using the number key buttons
17.	Key in the time by Hour Minutes Seconds <i>(As the clock is in am/pm mode afternoon times and evenings are for example 02.15.30 pm)</i>
18.	Set <b>am</b> or <b>pm</b> by use of the <b>S</b> <u>can</u> keybutton to toggle between <b>am</b> and <b>pm</b>
19.	Use the > keybutton to move the curser to the Day interval
20.	Use the <b>S</b> <u>can</u> keybutton to set the day. Repeated depressing of the Scan keybutton will toggle the days to the required day
21.	After setting the correct clock time press the <b>E</b> <u>nter</u> keybutton to restore to the main menu.
22.	At this time you may choose to test the internal battery back up.
23.	Turn off the power at the small red key switch adjacent to the power input.
24.	The display will show the following message <b>"Mains Fail ..using backup batteries"</b>
25.	Depress the <b>M</b> <u>ute</u> keybutton to silence the alarm
26.	Restore power to the Safeguard by activating the <b>red</b> key switch adjacent to the power input. Ensure the display returns to <b>"No Alerts Alls Well"</b>
27.	Power off the Safeguard by depressing the <b>green</b> key button. The display should be blank

28.	Ensure the display is blank and no key buttons on the front panel are active
29.	At this time you may choose to install the Network Adapter ZSP 2007 to the rear serial port of the Safeguard either by a direct connect or using the 1.5 metre RS232 cable CSS Part Number ZSP 3003 - if ordered.  <b>"Ensure the Safeguard is powered off before connecting the adapter"</b>
30.	Power off the Safeguard and remove the power cord.
31.	Locate the two side mounting rails and secure the rails to the side of the SafeguardPro using the screws located in the side of the Safeguard.
32.	Locate the Safeguard into the assigned rack position
33.	Replace the power cord and power up the Safeguard by depressing the <u>green</u> key button at the rear of the unit

### **SENSOR INSTALLATION**

Installation of sensors should only be undertaken by trained installation and service engineers.

However, consult the appropriate section in the Users Guide and, if experiencing difficulty, contact CSS at your earliest convenience