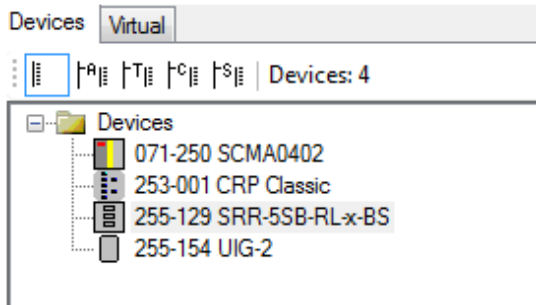


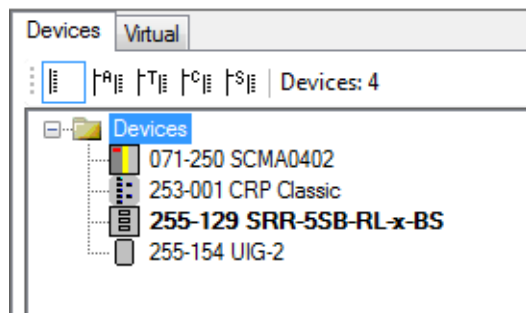
**IMPORTANT:** Sencia (SRP) type control panels can only be configured with Device Editor software. This device is not compatible with iCANsoft for configuration.

**Identifying the Device**

When a Sencia panel is first read into Device Editor it will be listed in the Devices tab with the factory device ID (255-\*\*\* ) and the product code as its device name.

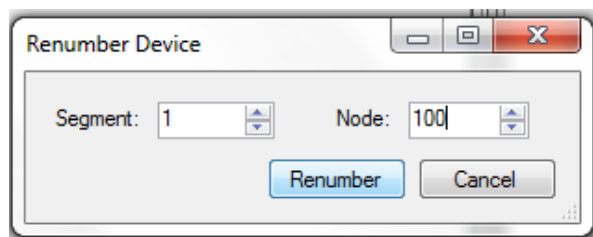


To identify one Sencia panel from another on the same network, press and hold any button on the Sencia panel and after approximately 5 seconds the device ID will be received from the panel. The Sencia panel ID and name will show up in **bold** in the Devices list.

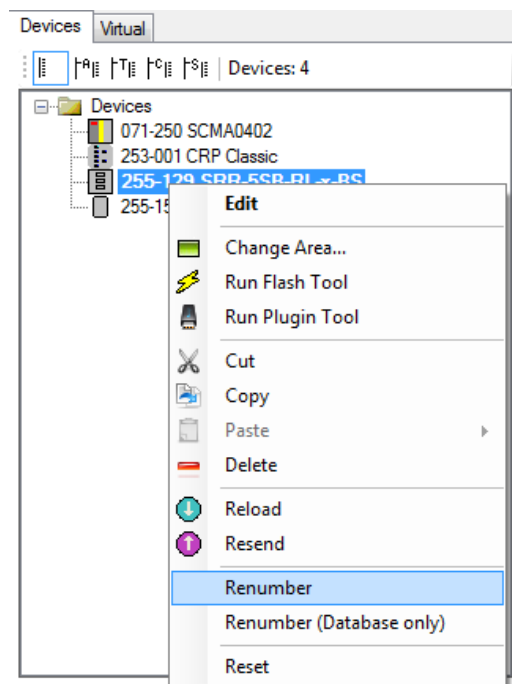


**Renumbering the Device**

Once you have identified the panel you should renumber it away from the factory segment number. To renumber the Sencia panel, right-click on the panel in the Devices list and select *Renumber*.



*Renumber (Database only)* – This option allows you to change the device ID of a listed device without this message being sent to the network. This is used to renumber a device offline.



## Renaming the Device

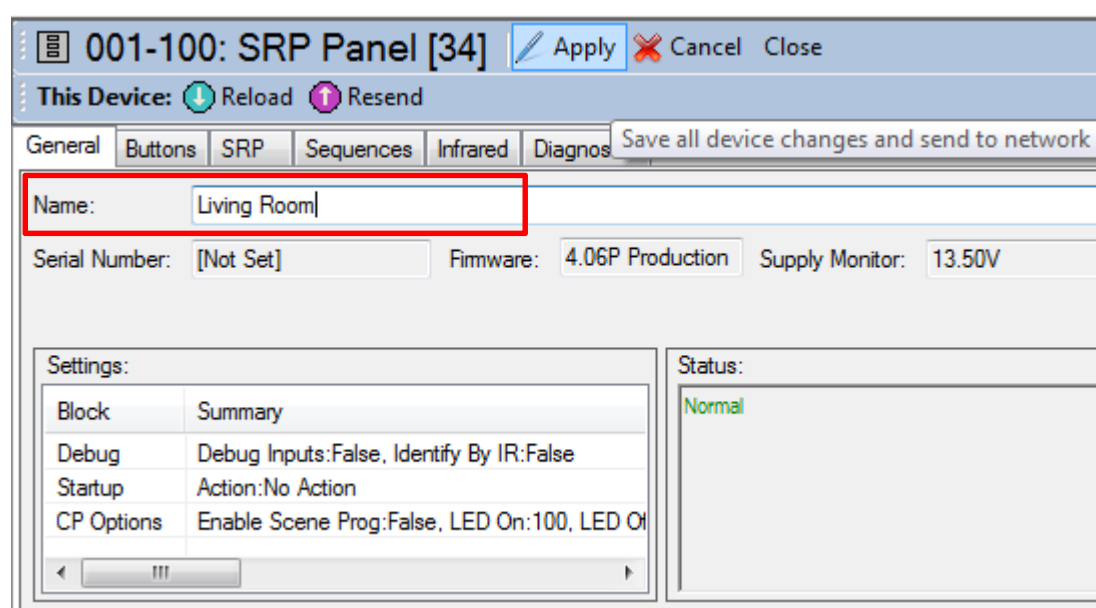
Once you have identified the panel you should rename it to make it easy to reference in your configuration file. The name may refer to its physical location, e.g. Living Room, or perhaps a reference number from a building layout drawing.

To rename the Sencia panel, right-click on the panel in the Devices list and select *Edit*. This will open the device configuration window for the Sencia panel.

**TIP:** You can also open the device configuration window for any device in Device Editor by double-clicking on the device in the Devices list.

Enter a name in the *Name* line, and then press enter on your keyboard. Then click Apply at the top of the device configuration window to write this new name to the Sencia panel.

The device name can be a maximum of 32 characters, including spaces. Upper and lower case characters, numeric characters and common symbols are accepted.



## General Tab

The General tab displays the status of the device along with some basic information.

- *Name*: The editable device name parameter (see previous section on Renaming the Device).
- *Serial Number*: Displays the unique serial number for this device.
- *Firmware*: Displays the version of firmware currently in the device.
- *Supply Monitor*: Displays the voltage being received to the device over the iCAN network.

The Settings window displays some device specific options. To configure any of these settings, click on the desired option and the editable options will be displayed in the Properties window to the right of the screen.

Sencia Panel Settings options are as follows:

### Debug

- **Debug Inputs:** When this option is set to **True** the panel will send additional data over the iCAN network when buttons are pressed. This can be used to assist with advanced troubleshooting and examination of the status of device actions in greater detail. This is not a requirement for normal operation and programming of the device.

```

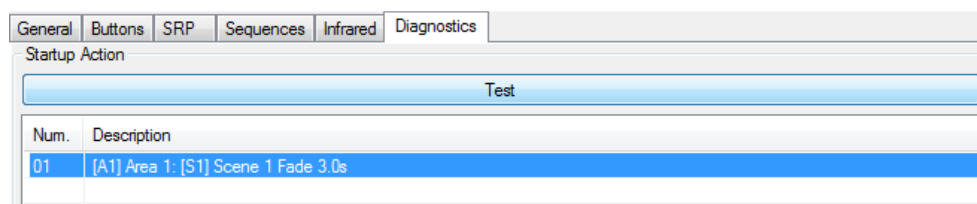
→ 09:11:49.99 16/09/15 4227 ID:03A8 DLC:5 DATA: 01 64 81 01 01 Device 1-100 Number 1: Trigger Button/Input Action: Pressed length: 511
← 09:11:49.99 16/09/15 0 ID:03A0 DLC:5 DATA: 01 64 21 01 01 Button Config: Device 1-100 Reply Button Current State Button/Sequence 1 Parameters 0x01
← 09:11:50.00 16/09/15 15 ID:03E9 DLC:5 DATA: 00 01 01 01 46 Area 1, Select Scene 1 Fade 3.0s

```

[Above] The line highlighted in blue is an example of the additional information visible with the Debug Inputs option set to True after a button is pressed.

- **Identify by IR** – Not applicable to the Sencia panel.
- **Startup Action** – Set an action to occur when the device first powers up. This could be a single action or a Start Sequence action to allow multiple actions to be triggered. This may be used to make sure an Area or a device status is applied in the event of a system power failure after power is restored.

You can test the Startup Action by going to the **Diagnostics tab** where the Startup Action will be displayed and will be broadcast onto the network when the Test button is pressed.



NOTE: Click on the Startup Action line first to highlight it and this will enable the Test button.

### Buttons Tab

The buttons tab is where you set the press and release actions of the button inputs of the panel.

Sencia panels are available in single column and double column arrangements.

- The maximum number of button inputs available on a single column Sencia panel is 7.
- The maximum number of button inputs available on a double column Sencia panel is 14.

In this document shows a single column panel. All options are the same for the double column models, there are just twice the number of buttons to use.

### Button Configuration View Options

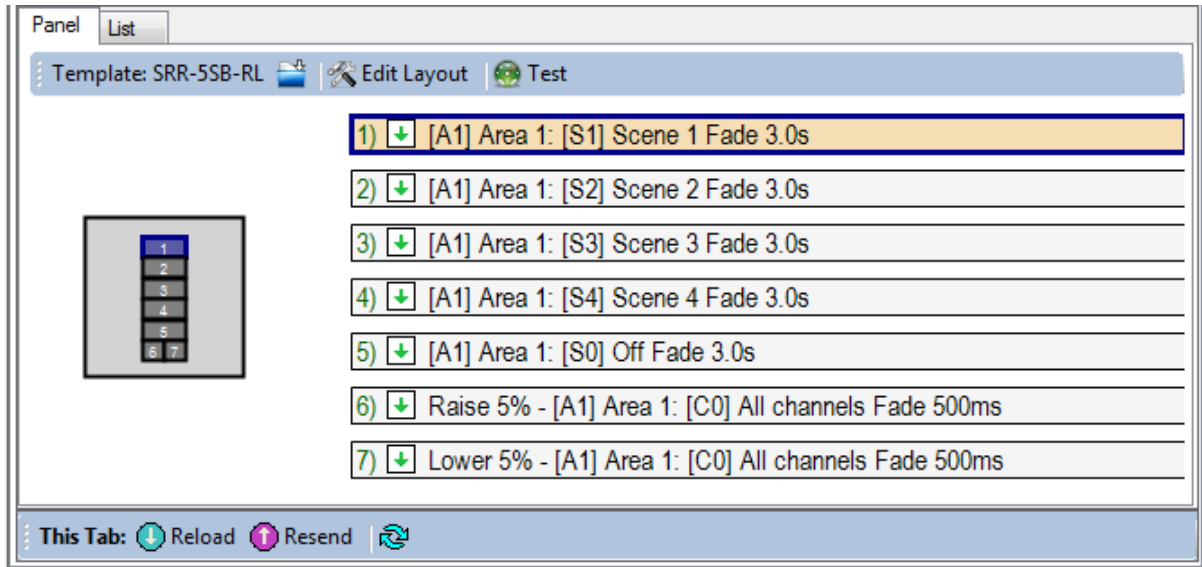
There are two ways of viewing the button input configuration for editing:

- **Panel:** This view shows a graphical representation of the Sencia panel and a list of the button actions next to this.
- **List:** This is a more 'traditional' view that is similar to how button inputs were displayed in iCANsoft.

You can configure the panel with both views and switch between them if required while programming.

**Programming with Panel View**

Click on a button on the graphic to highlight the corresponding Action line on the right.



When any button input is highlighted, the Properties window on the right of the screen will show the editable parameters:

Misc	
Index	1
Press Action	[A1] Area 1: [S1] Scene 1 Fade 3.0s
Action	Select Scene
Scene	[A1] Area 1: [S1] Scene 1
Fade	3.0s
Allow Disable	All Allowed
Release Action	No Action
Action	No Action

Action: Sets the action type for the press or release action. Sub-parameters will appear below this and will change according to the action type selected.

Allow Disable: Sets the disable option for the button. By default this is set to All Allowed. There are 4 options available:

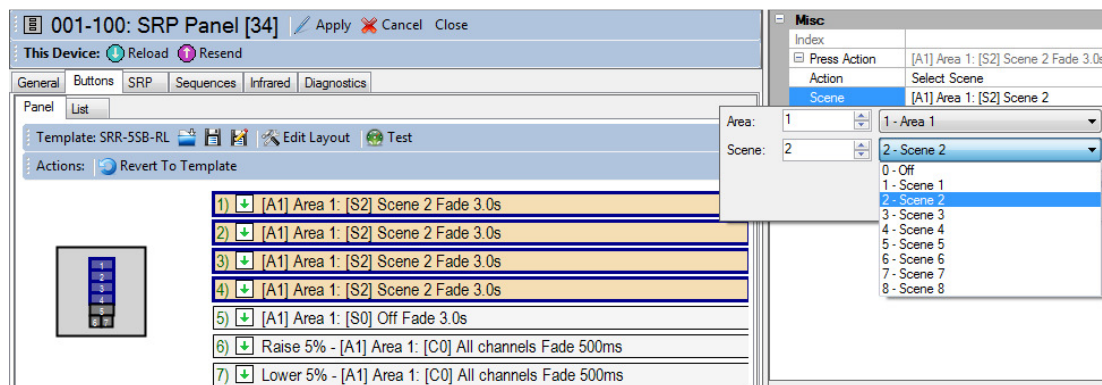


- *None Allowed:* The button input will not react to either Physical or Virtual disable commands.
- *Physical Allowed:* The button will only react to a device level disable command. This is when a command is sent to disable this specific device.
- *Virtual And Alarm Allowed:* The button will only react to a virtual level disable command. This is when a command is sent to disable inputs assigned to a specific virtual area. Other buttons on this device that are not in that same area will not react.

An Alarm disable message is broadcast when the alarm scene is triggered from a Source Controller alarm input, or by a CAN message from another device. This ensures that button inputs will not change the lighting level during an alarm state.

- *All Allowed*: The button will react to relevant device level and virtual disable commands.

To edit the actions of more than one button at a time you can hold down the Ctrl key and select as many buttons as required, either from the graphic or the button action description lines.



When multi-selecting buttons, only editable parameters common to all selected buttons will be visible in the Properties window, but changing to a new Action type will allow all selected buttons to be configured to the same action if required.

Once you have made any changes to the configuration of the panel the Apply button becomes active. You must make sure that you click on the Apply button to save changes to the device.



### Using Templates and Modifying the Panel Layout

The panel layout that is displayed in the graphic will be determined by the factory setup of the panel when it was shipped. There are several button arrangements available as standard or as custom orders.

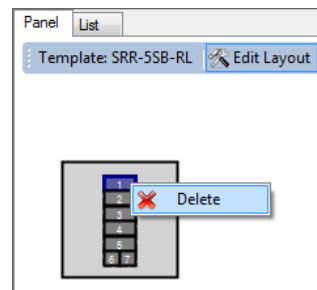
To deal with custom button arrangements we have introduced templates to the Sencia panel to allow easy adaptation of the button inputs to suit the physical appearance of the panel. These custom arrangements can be saved as a template that can be used a later stage or applied to other panels on the system. This means that if you have several panels with custom button arrangements you can quickly apply the same template to all panels rather than having to rearrange each panel separately.

#### *Changing the Button Layout*

To change the button layout you must first be in the Panel view. Select Edit Layout to switch to the layout editing mode.

Right-click on any button and select *Delete* to remove this button from the current layout.

The button position will become empty and no action can then be assigned to this button position.

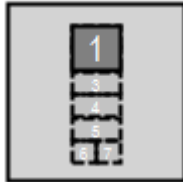


To add a button, right-click on an empty position and choose from the following options:

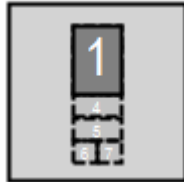
- 2 x 1 (single row button, full column width)



- 2 x 2 (double row button, full column width)



- 2 x 3 (triple row button, full column width)



- 1 x 1 (single row button, half column width)



**NOTE:** 1 x 1 button size is only applicable to the buttons on the bottom row of a column, numbered 6 & 7 and 13 & 14. Buttons 8 to 14 available on double column types only.

If you choose 2 x 2 or 2 x 3 size, the buttons immediately below the one where it is added will be used. For example, if you delete button 1 and add a 3 x 2 button in this position, buttons 2 and 3 will be used as part of that 3 row button even if they were not yet deleted.

Button sizes that are not possible to fit in some positions will be absent from the options. For example you cannot add a 2 x 3 size button at button position 5.

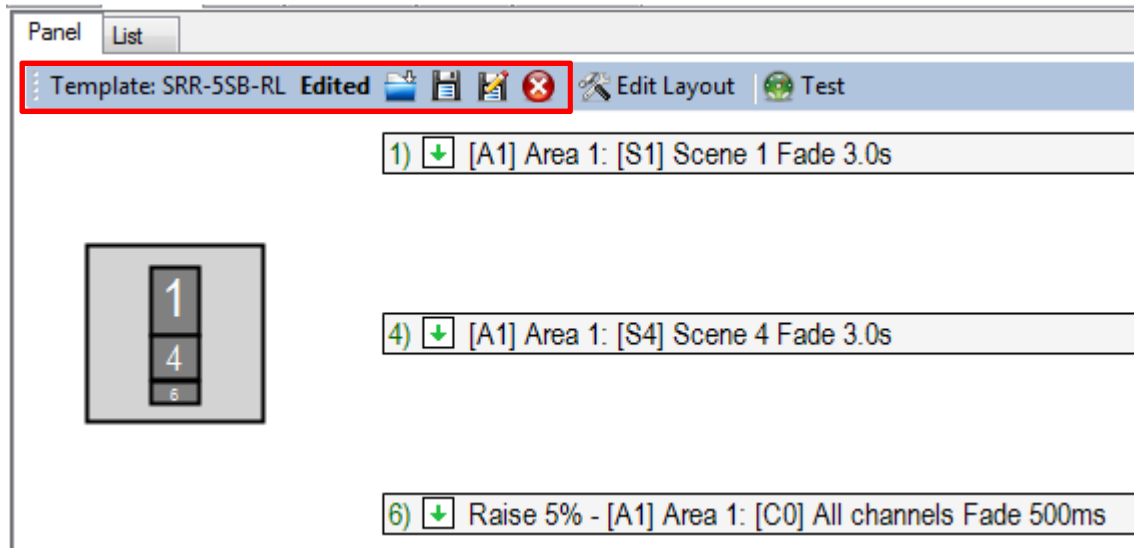
When a large button is added that occupies more than one button position it will assume the button input number of the uppermost button of that selection as demonstrated in the image to the right.





### Saving a Panel Layout as a Template

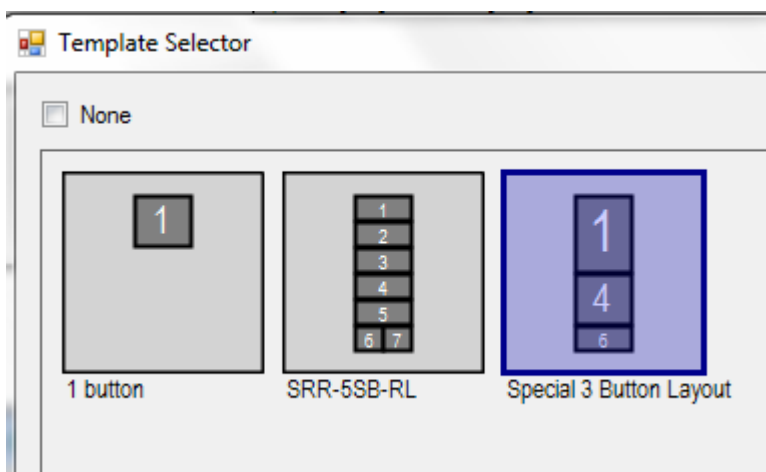
Once you have finished adjusting the button layout to match the real panel you can save this as a template to use on other panels.


Click on the Edit Layout button again to exit this mode. You will then see template options have become available, because the original layout has been modified.



[Above] Notice that the number of button action lines displayed is reduced to only those button numbers used on the layout.

To save the current layout as a new template, click on the *Save As* icon  and give the template a name. It will now be shown as an available template if you open the Template Selector view by clicking on the *Open* icon .



To set this template on another panel, go to the Buttons tab in that panel open the Template Selector view by clicking on the *Open* icon  then select the desired template.

Once you have made any changes to the configuration of the panel the Apply button becomes active. You must make sure that you click on the Apply button to save changes to the device.

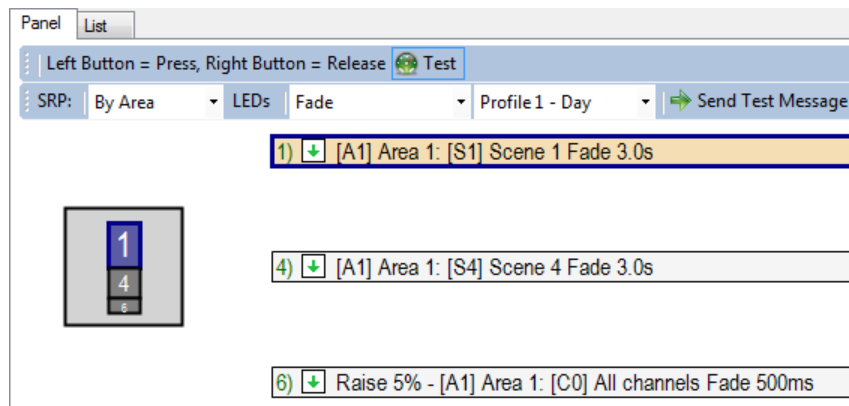


### Test Mode

Click on the Test button to activate test mode. This will allow you to trigger the actions assigned to any button on the panel and send them over the network.

- To trigger the press action of a button, left-click on the button on the graphic or on the corresponding button action line on the right.
- To trigger the release action of a button, right-click on the button on the graphic or on the corresponding button action line on the right.

While pressed the button and the action line will be highlighted.



**NOTE:** The action will only be sent once each time you click, and not repeated if the mouse button is held down.

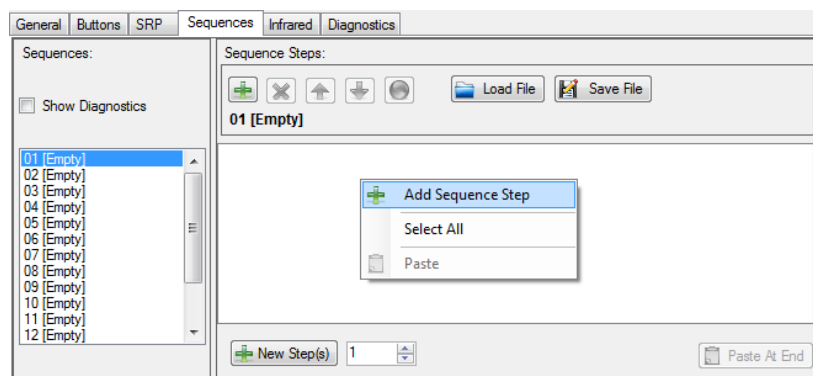
To exit Test Mode, click on the Test button again.

### Sequences Tab

The Sequences tab operates the same in all devices capable of storing sequences.

Select a sequence to edit and then right-click in the sequence space to add, delete or move action lines up/down.

To edit the sequence line first select it then refer to the Properties window on the right of the screen



The Sencia panel can store up to 16 sequences with a maximum of 100 actions lines per sequence.



**SRP / LED Profile Configuration**

This feature is currently under improvement and will therefore be detailed in a future revision of this programming guide.

*LED Control*

The Sencia panel will have the same LED Control action options that are used on the other control panel types provided the Sencia panel is using firmware **4.06P or higher**.

If you need to update your Sencia control panel firmware this is done over the iCAN network using the Flash Tool. You do not have to plug directly into the Sencia panel.

*Please contact Technical Support to acquire the latest firmware version and for further assistance if required.*

Press Action	LEDs: 1-NC 2-OFF 3-OFF 4-NC 5-NC 6-NC 7-O...
Action	LED Control
LED Options	1-NC 2-OFF 3-OFF 4-NC 5-NC 6-NC 7-OFF
All	LED 1 <input type="radio"/> Off <input type="radio"/> On <input type="radio"/> Flash <input checked="" type="radio"/> No Change
Re	LED 2 <input checked="" type="radio"/> Off <input type="radio"/> On <input type="radio"/> Flash <input type="radio"/> No Change
	LED 3 <input checked="" type="radio"/> Off <input type="radio"/> On <input type="radio"/> Flash <input type="radio"/> No Change
	LED 4 <input type="radio"/> Off <input type="radio"/> On <input type="radio"/> Flash <input checked="" type="radio"/> No Change
	LED 5 <input type="radio"/> Off <input type="radio"/> On <input type="radio"/> Flash <input checked="" type="radio"/> No Change
	LED 6 <input type="radio"/> Off <input type="radio"/> On <input type="radio"/> Flash <input checked="" type="radio"/> No Change
	LED 7 <input checked="" type="radio"/> Off <input type="radio"/> On <input type="radio"/> Flash <input type="radio"/> No Change