

# LED PROGRAMMING

## COLOUR CHANGING LED SWIMMING POOL LIGHTS

These instructions are applicable to Aqua-Quip Evo2 LED Multi-Colour Lights and Aqua-Quip Surface Mounted LED Multi-Colour Lights. The user can save either a Feature Mode or a selected colour.

**Feature Mode:** Select your favourite “scroll” or “flash” mode.

**Selected Colour:** Choose from a wide variety of vibrant colours and subtle hues.

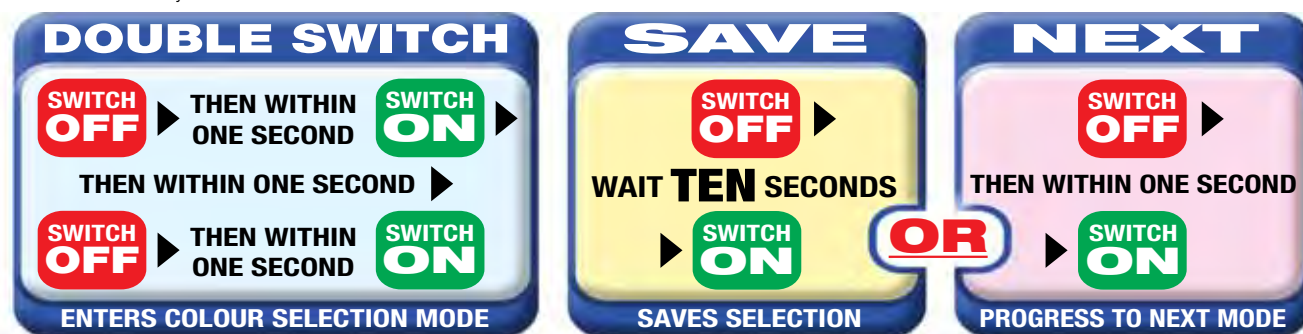
Once a specific mode or colour is saved that selection will be remembered and recalled when the light is switched on (until a new selection is saved).

**Please note:** When switched on for the first time, the lights are factory-saved to start in Mode 1: Colour Scroll.

To change from the factory (or default) setting, follow the programming procedures below **STARTING WITH THE DOUBLE SWITCH PROCEDURE:**

### PROGRAMMING PROCEDURE

**Note:** The DOUBLE SWITCH procedure is a quick OFF/ON/OFF/ON. The “dwell time” between switching may be influenced by the use of remote controls and home automation systems.



#### Colour Selection Mode

To save a selected colour as default, follow **SAVE** above.

**OR**

To progress to the next Mode, follow **NEXT** above.

Lights will scroll through a range of colours starting with RED.

See over for Palette Timing Details.

#### Feature Mode 1: Colour Scroll

To save Colour Scroll as default, follow **SAVE** above.

**OR**

To progress to the next Mode, follow **NEXT** above.

Scroll Sequence:

Scrolls through the colour spectrum.

Total 20 second cycle.

#### Feature Mode 2: Slow Colour Scroll

To save Slow Colour Scroll as default, follow **SAVE** above.

**OR**

To progress to the next Mode, follow **NEXT** above.

Scroll Sequence:

Scrolls through the colour spectrum.

Total 2 minute cycle.

#### Feature Mode 3: Seaside Colour Scroll

To save Seaside Colour Scroll as default, follow **SAVE** above.

**OR**

To progress to the next Mode, follow **NEXT** above.

Scroll Sequence:

Scrolls through the ocean water colours.

Total 20 second cycle.

#### Feature Mode 4: Fast Flash

To save Fast Flash as default, follow **SAVE** above.

**OR**

To progress to the next Mode, follow **NEXT** above.

Flash Sequence:

Blue, green, cerise, aqua, hot pink and orange.

2.5 seconds per colour.

#### Feature Mode 5: Slow Flash

To save Slow Flash as default, follow **SAVE** above.

**OR**

To progress to the next Mode, follow **NEXT** above.

Flash Sequence:

Blue, green, hot pink, aqua, orange and cerise.

15 seconds per colour.

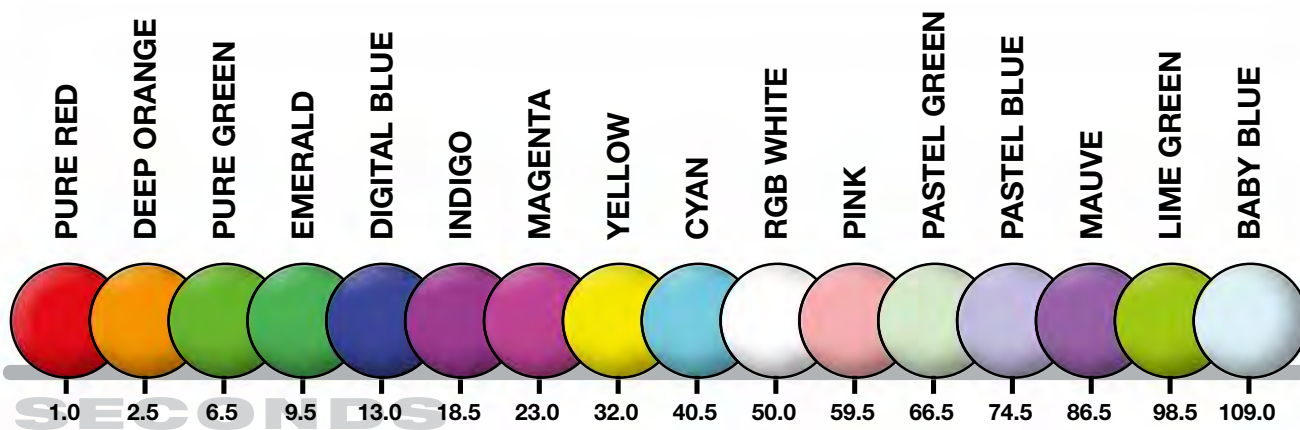
In the unlikely event that the lights become un-synchronised repeat the initial DOUBLE SWITCH procedure as described above.

## COLOUR SELECTION PALETTE – Figure 1 Palette Timing Details Visual

To choose a default Colour Selection once you have progressed to Colour Selection Mode simply wait until the desired colour is visible and follow the SAVE procedure. In theory, the user selection can be made from many hundreds of possibilities as it corresponds directly to the interval between the last switch-on in the DOUBLE SWITCH procedure and the switch-off in the SAVE procedure.

Below is a summary of just a few the available colours along with the timing details.

For example: after DOUBLE SWITCH the interval to reach the colour Deep Orange will be 2.5 seconds or Pastel Green will be 66.5 seconds.



## COLOUR SELECTION PALETTE – Figure 2 Palette Timing Details Linear

The Linear view in Figure 2 below illustrates the varying intensities of each of the Red, Green and Blue LEDs contained within the Multi-colour LED pool light. While we listed 16 prominent colours in Figure 1 (above), the mixing of colours by minutely varying the interval provides many hundreds of colour possibilities.

