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# Robin Spikie software update with improved strobing and different DMX table layout

## Products Involved

Spikie®

Robin Spikie has received new software update full of improvements.

We have released new software update for Spikie®. It brings several improvements including better dimming curve, increased flower engine motor power, much improved strobing with more randomness and higher intensity during strobos and better prism resetting.

**This update also changes DMX charts.** This change is done in order to simplify access to the new Spikie Flower effect and due to this, we have slightly modified layout of the DMX table. The new Flower effect controlling logic is now the same as for example for Prism or Rotating Gobos - there is no more need to enable/disable the effect explicitly, simply use it via it's Flower Effect Channel - either statically (value 128), or rotating in both direction. Do note, that this change will break existing programs and we apologize for the inconvenience. Number of channels remains the same, but essentially, we have swapped channels 21 and 22 around and have removed the unnecessary option to enable/disable the Flower effect, as it is now newly automatically enabled when used either via Flower Effect, or Flower Effect & Rotating Prism Macros channels. Same logic will be used in the upcoming Robin SPIIDER8 and therefore we do want to make sure that our products use similar logic. See the schematics of this change in the gallery below, showing the difference done on the Flower Effect channels - it is only a small change.

Identification of older/newer version is simple: Old DMX charts are V1.1, New DMX Charts are V1.2 and higher. In the Spikie itself, you can check software version via menu: Info → SW Ver → IC1. Old software version that uses old DMX charts is 2.1 and smaller. Software version 2.2 and higher uses the new DMX Charts.

At the same time, we are updating default value of the Color Mix Control channel to Additive mixing, to provide even more convenience while programming.

As usual, we have already notified all major desk manufacturers to update DMX desk libraries.

You can download latest software from the product page ([link here](#)), DMX chart and User manual are available [on this link](#).



**Old**

**New**

<b>21</b>	<b>17</b>	<b>Flower Effect &amp; Prism/Flower Effect macros</b>	
	0-19	Without Flower Effect (0=default)	step
	20-49	<del>Flower Effect</del> <i>In range of 50-69DMX, channels Rotating prism and Flower Effect rotation are blocked</i>	step
	50-51	Macro 1	step
	52-53	Macro 2	step
	54-55	Macro 3	step
	56-57	Macro 4	step
	58-59	Macro 5	step
	60-61	Macro 6	step
	62-63	Macro 7	step
	64-65	Macro 8	step
	66-67	Macro 9	step
	68-69	Macro 10	step
	70-255	Reserved	
<b>22</b>	<b>18</b>	<b>Flower effect rotation</b>	
	0	No rotation	step
	1 - 127	Forwards rotation from fast to slow	proportional
	128	No rotation (128=default)	step
	129-255	Backwards rotation from slow to fast	proportional

<b>21</b>	<b>17</b>	<b>Flower Effect</b>	
	0	Open position-without Flower Effect (0=default)	step
	1 - 127	Flower effect on, forwards rotation from fast to slow	proportional
	128	Flower effect on, no rotation	step
	129-255	Flower effect on, backwards rotation from slow to fast	proportional
<b>22</b>	<b>18</b>	<b>Flower Effect &amp; Rotating prism macros</b>	
	0	Open position - without macros (0=default)	step
		<i>In range of 1-20 DMX, channels Rotating prism and Flower Effect are blocked</i>	
	1-2	Macro 1	step
	3-4	Macro 2	step
	5-6	Macro 3	step
	7-8	Macro 4	step
	9-10	Macro 5	step
	11-12	Macro 6	step
	13-14	Macro 7	step
	15-16	Macro 8	step
	17-18	Macro 9	step
	19-20	Macro 10	step
	21-255	Reserved	