



**Included:**

- 4 HDPE Matrix Plastic,
- 1 Intelligent RGB 16 Output Controller,
- 32 64ct Square/Low Profile Pixels,
- 16 Intelligent RGB Extensions

**Step 1: Insert Lights into Matrix Plastic**

**Picture shows front view.**

Picture to the left shows one of the four panels and each of the panels will be setup the same way. Starting at the bottom left insert pixels into the matrix plastic following the light paths as shown. Each output will use 2 64ct strands connected end to end.

**Step 2: Connect to controller**

Use RGB extensions to connect the lights to the controller as shown below:

Panel	Outputs
Panel 1	01-04
Panel 2	05-08
Panel 3	09-12
Panel 4	13-16

**Step 3A: Setup Controller (Pixie)**

Set the ID of the controller using the switches on the board. Below is the recommended ID for the RGB 4 Matrix in our Pro and Pro Plus sequences (Switches 1-8, 1 is ON and 0 is OFF).

Controller ID #70 – 0111 0000 \*

\* The default for Matrixes is E1.31, to use a Pixie controller you also need to update the preview.

### Step 3B: Setup Controller (E1.31)

Setup the E1.31 controller using the following configuration. These universes also need to be set in the Light-O-Rama Network Configuration to point them to the IP Address of the controller.

4 Matrix: (Universes 119-131)

The screenshot shows a software window titled "Advanced Output Configuration" with a close button in the top right corner. The window contains a table with 16 rows, each representing an output. The columns are: Output, Start Universe, Start Channel, End Universe, End Channel, Num Pixels, Null Pixels, Zig Zag, Group, Intensity Limit (%), and Reversed. Below the table are three radio buttons: "Automatic Sequential Channels" (unchecked), "Tab Down" (checked), and "Tab Right" (unchecked). At the bottom right are "Cancel" and "OK" buttons.

Output	Start Universe	Start Channel	End Universe	End Channel	Num Pixels	Null Pixels	Zig Zag	Group	Intensity Limit (%)	Reversed
Output 1	119	1	119	384	128	0	0	1	100	<input type="checkbox"/>
Output 2	119	385	120	258	128	0	0	1	100	<input checked="" type="checkbox"/>
Output 3	120	259	121	132	128	0	0	1	100	<input checked="" type="checkbox"/>
Output 4	121	133	122	6	128	0	0	1	100	<input checked="" type="checkbox"/>
Output 5	122	7	122	390	128	0	0	1	100	<input checked="" type="checkbox"/>
Output 6	122	391	123	264	128	0	0	1	100	<input checked="" type="checkbox"/>
Output 7	123	265	124	138	128	0	0	1	100	<input checked="" type="checkbox"/>
Output 8	124	139	125	12	128	0	0	1	100	<input checked="" type="checkbox"/>
Output 9	125	13	125	396	128	0	0	1	100	<input checked="" type="checkbox"/>
Output 10	125	397	126	270	128	0	0	1	100	<input checked="" type="checkbox"/>
Output 11	126	271	127	144	128	0	0	1	100	<input checked="" type="checkbox"/>
Output 12	127	145	128	18	128	0	0	1	100	<input checked="" type="checkbox"/>
Output 13	128	19	128	402	128	0	0	1	100	<input checked="" type="checkbox"/>
Output 14	128	403	129	276	128	0	0	1	100	<input checked="" type="checkbox"/>
Output 15	129	277	130	150	128	0	0	1	100	<input checked="" type="checkbox"/>
Output 16	130	151	131	24	128	0	0	1	100	<input checked="" type="checkbox"/>

Automatic Sequential Channels     Tab Down     Tab Right