DMX PROTOCOL

DMX MODE SETUP

DMX Mode		Vector/Tracking	Pan/Tilt Resolution	DMX Channel Requirements	PL111 Jumper Setting
1	FACTORY DEFAULT	Vector / Tracking	8 Bit	7 Channels	No Jumper
2		Vector / Tracking	16 Bit	9 Channels	Pins 1 and 3

The *ImageScan* can be set to run one of two DMX modes. The two modes are listed in the table above. To change the jumper setting, follow this instruction:

W A R N I N G !

Before attempting the following, ensure that the ImageScan is isolated from the mains supply.

1. At each end of the projector the top cover is fixed by means of two hexagon screws. Unscrew these and remove the cover. At the front end of the fixture you will now see the PCB.

2. Locate PL111 (near the lamp relay) and set the jumper between pins 1 and 3 to enable 16-bit pan/tilt resolution.

3. Re-assemble the fixture.

PL111

Set jumper in this position to enable 16-bit pan/tilt resolution.
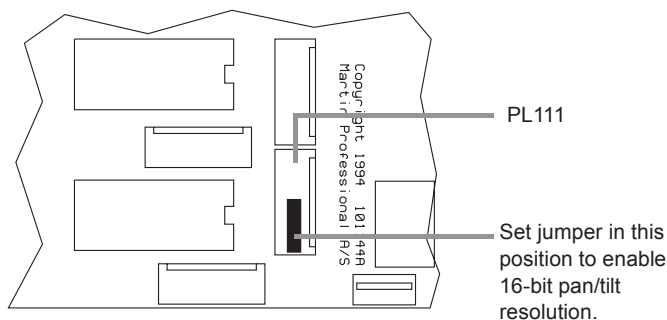
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| DMX Channel Offset | | DMX Value | Description |
MODE 1	MODE 2		
0	0	0 - 9 10 - 138 139 - 139 140 - 202 203 - 235 236 - 252 253 - 255	**Light / Reset fixture / Lamp** Light OFF Light ON Lamp power ON No effect Reset Lamp power ON Lamp power OFF **NOTE:** Lamp OFF only takes effect if all other channels are set to 255 and transmitted for 5 seconds or more.
1	1	0 - 218 219 - 255	**Focus** Far $\rightarrow$ near Focus near
2	2	0 - 4 5 - 94 95 - 184 185 - 199 200 - 249 250 - 255	**Image Rotation and Orientation (coarse)** Image stop Image rotation CCW, slow $\rightarrow$ fast Image rotation CW, fast $\rightarrow$ slow Image stop Image orientation (coarse) Image stop
3	3	0 - 255	**Image Orientation (fine)**
4	4	0 - 255	**Pan coarse** Left $\rightarrow$ right
-	5	0 - 255	**Pan fine** Left $\rightarrow$ right
5	6	0 - 255	**Tilt coarse** Up $\rightarrow$ down
-	7	0 - 255	**Tilt fine** Up $\rightarrow$ down
6	8	0 - 4 5 - 255	**Pan/Tilt Speed** Tracking Fast $\rightarrow$ slow (vector)