

10. DMX protocols

Configuring DMX is described "Setting the DMX mode" on page 10.

7 Channel mode

Channel	Name	DMX Value	Description
1	Tilt	0-255	Tilt Movement
2	Beam Dimmer	0-255	Tube Strobe Intensity
3	Beam Mode	0-5	No Strobe
		6-42	Strobe Mode 1
		43-85	Strobe Mode 2

		86-128	Strobe Mode 3
		129-171	Strobe Mode 4
		172-214	Strobe Mode 5
		215-255	Strobe Mode 6
4	Plate Red	0-255	Plate Red Dimmer
5	Plate Green	0-255	Plate Green Dimmer
6	Plate Blue	0-255	Plate Blue Dimmer
7	Plate Strobe	0-9	No Strobe
		10-255	Strobe from slow to fast

14 Channel mode

Channel	Name	DMX Value	Description
1	Tilt	0-255	Tilt Movement
2	Tilt Fine	0-255	Tilt Fine Movement
3	Beam Dimmer	0-255	Tube Strobe Intensity
4	Beam Mode	0-5	No Strobe
		6-42	Strobe Mode 1
		43-85	Strobe Mode 2
		86-128	Strobe Mode 3
		129-171	Strobe Mode 4
		172-214	Strobe Mode 5
		215-255	Strobe Mode 6
5	Beam Duration	0-255	Tube Flash Duration 0~3s
6	Beam Macro	0-15	Tube Macro Off
		16-57	Tube Macro 1
		58-99	Tube Macro 2
		100-141	Tube Macro 3

		142-183	Tube Macro 4
		184-225	Tube Macro 5
		226-255	Tube Macro 6
7	Plate Red	0-255	Plate Red Dimmer
8	Plate Green	0-255	Plate Green Dimmer
9	Plate Blue	0-255	Plate Blue Dimmer
10	Plate Strobe	0-9	No Strobe
		10-255	Strobe from slow to fast
11	Plate Macro	0-4	Plate Macro Off
		5-9	Plate Macro 1
		10-14	Plate Macro 2
		15-19	Plate Macro 3
		...	Plate Macro ...
		250-254	Plate Macro 50
		255	Plate Macro 51
12	Plate Macro Color	0-255	Plate Macro Color
13	Plate Macro Speed	0-255	Speed From Slow To Fast
14	Reserved	0-255	Reserved Channel

42 Channel mode

Channel	Name	DMX Value	Description
1	Tilt	0-255	Tilt Movement
2	Tilt Fine	0-255	Tilt Fine Movement
3	Beam Dimmer	0-255	Tube Strobe Intensity
4	Beam Mode	0-5	No Strobe
		6-42	Strobe Mode 1
		43-85	Strobe Mode 2
		86-128	Strobe Mode 3
		129-171	Strobe Mode 4
		172-214	Strobe Mode 5

		215-255	Strobe Mode 6
5	Beam Duration	0-255	Tube Flash Duration 0~3s
6	Beam Macro	0-15	Tube Macro Off
		16-57	Tube Macro 1
		58-99	Tube Macro 2
		100-141	Tube Macro 3
		142-183	Tube Macro 4
		184-225	Tube Macro 5
		226-255	Tube Macro 6
7	Plate Red	0-255	Plate Red Dimmer
8	Plate Green	0-255	Plate Green Dimmer
9	Plate Blue	0-255	Plate Blue Dimmer
10	Plate Strobe	0-255	Plate Strobe
11	Plate Macro	0-4	Plate Macro Off
		5-9	Plate Macro 1
		10-14	Plate Macro 2
		15-19	Plate Macro 3
		...	Plate Macro ...
		250-254	Plate Macro 50
		255	Plate Macro 51
12	Plate Macro Color	0-255	Plate Macro Color
13	Plate Macro Speed	0-255	Speed From Slow To Fast
14	Reserved	0-255	Reserved Channel
15	Beam Pixel 1	0-255	Tube Pixel 1
16	Beam Pixel 2	0-255	Tube Pixel 2
17	Beam Pixel 3	0-255	Tube Pixel 3
18	Beam Pixel 4	0-255	Tube Pixel 4
19	Plate Pixel 1 Red	0-255	Plate Pixel 1 Red Dimmer
20	Plate Pixel 1 Green	0-255	Plate Pixel 1 Green Dimmer
21	Plate Pixel 1 Blue	0-255	Plate Pixel 1 Blue Dimmer
...
40	Plate Pixel 8 Red	0-255	Plate Pixel 8 Red Dimmer

41	Plate Pixel 8 Green	0-255	Plate Pixel 8 Green Dimmer
42	Plate Pixel 8 Blue	0-255	Plate Pixel 8 Blue Dimmer

DMX Address	001-512	Set DMX address
DMX Channel	7 Channel Mode	7 channels DMX mode
	14 Channel Mode	14 channels DMX mode
