

MOSAIC 16 – Quick Reference V1.07

Layer DMX Channel Assignment

6Ch Mode Layer - DMX Channel Assignment			
Channel	Description		
1	Dimmer		
2	Media Library		
	DMX Values	Folder	DMX Values
	0-15	Folder 0	128-143
	16-31	Folder 1	144-159
	32-47	Folder 2	160-175
	48-63	Folder 3	176-191
	64-79	Folder 4	192-207
	80-95	Folder 5	208-223
	96-111	Folder 6	224-239
	112-127	Folder 7	240-255
3	Media Visuals		
	DMX Values	Folder	DMX Values
	0-15	No Media	128-143
	16-31	File 1	144-159
	32-47	File 2	160-175
	48-63	File 3	176-191
	64-79	File 4	192-207
	80-95	File 5	208-223
	96-111	File 6	224-239
	112-127	File 7	240-255
4	Effect		
5	X Position		
6	Y Position		

20Ch Mode Layer - DMX Channel Assignment		
Channel	Description	Default
1	Dimmer	255
2	Media Library (0: Folder 0, 1:Folder 1, ..., 254:text, 255:camera input)	0
3	Media Visuals (0: No Media, 1:File 1, 2:File 2, etc)	0
4	Effect Library	0
5	Effect	0
6	Effect Parameter	0
7	RED Colour Correction	255
8	GREEN Colour Correction	255
9	BLUE Colour Correction	255
10	Scale X - Coarse	255
11	Scale X - Fine	255
12	Scale Y - Coarse	255
13	Scale Y - Fine	255
14	X Position - Coarse	128
15	X Position - Fine	0
16	Y Position - Coarse	128
17	Y Position - Fine	0
18	Z Position - Coarse	128
19	Z Position - Fine	0
20	Text Parameter	0

42Ch Mode Layer - DMX Channel Assignment																								
Channel	Description	Default																						
1	Dimmer	255																						
2	Media Library (0: Folder 0, 1:Folder 1, ..., 254:text, 255:camera input)	0																						
3	Media Visuals (0: No Media, 1:File 1, 2:File 2, etc)	0																						
4	Effect 1 Library	0																						
5	Effect 1	0																						
6	FX 1 Parameter 1	0																						
7	FX 1 Parameter 2	0																						
8	FX 1 Parameter 3	0																						
9	FX 1 Parameter 4	0																						
10	Effect 2 Library	0																						
11	Effect 2	0																						
12	FX 2 Parameter 1	0																						
13	FX 2 Parameter 2	0																						
14	FX 2 Parameter 3	0																						
15	FX 2 Parameter 4	0																						
16	Text Parameter	0																						
17	Play Speed	64																						
18	Loop Mode	0																						
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144-255	Reserved																							
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19	Loop Start - Coarse	0																						
20	Loop Start - Fine	0																						
21	Loop End - Coarse	255																						
22	Loop End - Fine	255																						
23	RED Colour Correction	255																						
24	GREEN Colour Correction	255																						
25	BLUE Colour Correction	255																						
26	Scale X - Coarse	255																						
27	Scale X - Fine	255																						
28	Scale Y - Coarse	255																						
29	Scale Y - Fine	255																						
30	X Position - Coarse	128																						
31	X Position - Fine	0																						

42Ch Mode Layer - DMX Channel Assignment		
Channel	Description	Default
32	Y Position – Coarse	128
33	Y Position - Fine	0
34	Z Position - Coarse	128
35	Z Position - Fine	0
36	X Rotation - Coarse	0
37	X Rotation - Fine	0
38	Y Rotation - Coarse	0
39	Y Rotation - Fine	0
40	Z Rotation - Coarse	0
41	Z Rotation - Fine	0
42	Volume	255

58Ch Mode Layer - DMX Channel Assignment																								
Channel	Description	Default																						
1	Dimmer	255																						
2	Media Library (0: Folder 0, 1:Folder 1, ..., 254:text, 255:camera input)	0																						
3	Media Visuals (0: No Media, 1:File 1, 2:File 2, etc)	0																						
4	Effect 1 Library	0																						
5	Effect 1	0																						
6	FX 1 Parameter 1	0																						
7	FX 1 Parameter 2	0																						
8	FX 1 Parameter 3	0																						
9	FX 1 Parameter 4	0																						
10	Effect 2 Library	0																						
11	Effect 2	0																						
12	FX 2 Parameter 1	0																						
13	FX 2 Parameter 2	0																						
14	FX 2 Parameter 3	0																						
15	FX 2 Parameter 4	0																						
16	Text Parameter	0																						
17	Play Speed	64																						
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23	RED Colour Correction	255																						
24	GREEN Colour Correction	255																						
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26	Scale X - Coarse	255																						
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28	Scale Y - Coarse	255																						
29	Scale Y - Fine	255																						
30	X Position - Coarse	128																						
31	X Position - Fine	0																						

58Ch Mode Layer - DMX Channel Assignment		
Channel	Description	Default
32	Y Position – Coarse	128
33	Y Position - Fine	0
34	Z Position - Coarse	128
35	Z Position - Fine	0
36	X Rotation - Coarse	0
37	X Rotation - Fine	0
38	Y Rotation - Coarse	0
39	Y Rotation - Fine	0
40	Z Rotation - Coarse	0
41	Z Rotation - Fine	0
42	Volume	255
43	KeyStone X1 – Coarse	0
44	KeyStone X1 – Fine	0
45	KeyStone Y1 – Coarse	0
46	KeyStone Y1 – Fine	0
47	KeyStone X2 – Coarse	0
48	KeyStone X2 – Fine	0
49	KeyStone Y2 – Coarse	0
50	KeyStone Y2 – Fine	0
51	KeyStone X3 – Coarse	0
52	KeyStone X3 – Fine	0
53	KeyStone Y3 – Coarse	0
54	KeyStone Y3 – Fine	0
55	KeyStone X4 – Coarse	0
56	KeyStone X4 – Fine	0
57	KeyStone Y4 – Coarse	0
58	KeyStone Y4 – Fine	0

62Ch Mode Layer - DMX Channel Assignment																								
Channel	Description	Default																						
1	Dimmer	255																						
2	Media Library (0: Folder 0, 1:Folder 1, ..., 254:text, 255:camera input)	0																						
3	Media Visuals (0: No Media, 1:File 1, 2:File 2, etc)	0																						
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16	Text Parameter	0																						
17	Play Speed	64																						
18	Loop Mode	0																						
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23	RED Colour Correction	255																						
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26	Scale X - Coarse	255																						
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28	Scale Y - Coarse	255																						
29	Scale Y - Fine	255																						
30	X Position - Coarse	128																						
31	X Position - Fine	0																						

62Ch Mode Layer - DMX Channel Assignment		
Channel	Description	Default
32	Y Position – Coarse	128
33	Y Position - Fine	0
34	Z Position - Coarse	128
35	Z Position - Fine	0
36	X Rotation - Coarse	0
37	X Rotation - Fine	0
38	Y Rotation - Coarse	0
39	Y Rotation - Fine	0
40	Z Rotation - Coarse	0
41	Z Rotation - Fine	0
42	Volume	255
43	KeyStone X1 – Coarse	0
44	KeyStone X1 – Fine	0
45	KeyStone Y1 – Coarse	0
46	KeyStone Y1 – Fine	0
47	KeyStone X2 – Coarse	0
48	KeyStone X2 – Fine	0
49	KeyStone Y2 – Coarse	0
50	KeyStone Y2 – Fine	0
51	KeyStone X3 – Coarse	0
52	KeyStone X3 – Fine	0
53	KeyStone Y3 – Coarse	0
54	KeyStone Y3 – Fine	0
55	KeyStone X4 – Coarse	0
56	KeyStone X4 – Fine	0
57	KeyStone Y4 – Coarse	0
58	KeyStone Y4 – Fine	0
59	MIDI TimeCode Start Hours	0
60	MIDI TimeCode Start Minutes	0
61	MIDI TimeCode Start Seconds	0
62	MIDI TimeCode Start Frame	0

Master DMX Channel Assignment

3Ch Mode Master - DMX Channel Assignment		
Channel	Description	Default
1	Intensity	255
2	Brightness	128
3	Contrast	0

12Ch Mode Master - DMX Channel Assignment		
Channel	Description	Default
1	Intensity	255
2	Brightness	128
3	Contrast	0
4	Keystone X1	0
5	Keystone Y1	0
6	Keystone X2	0
7	Keystone Y2	0
8	Keystone X3	0
9	Keystone Y3	0
10	Keystone X4	0
11	Keystone Y4	0
12	Master Volume	255

Cameras

The folder 255 is a special folder, do not address movie files but camera inputs

Folder	File	Description
255	0	Camera 1
255	1	Camera 2
255	2	Camera 3

Text

The folder 254 is another special folder, do not address movie files but handles text. Text can be edited via the preferences menu. There are also special text. See the following table

Folder	File	Description
254	0	Text 0
254	1	Text 1
254	2	Text 2
	...	
254	249	Reset Remote Messages FIFO
254	250	Remote Messages (Received from the MOText iOS app)
254	251	Up Counter
254	252	
254	253	Date
254	254	Time
254	255	Date and Time

In this case, the speed channel handles the scroll speed and the text parameter channel the font type and size

Effects

Effects						
N.	Name	Parameters				
1	Bloom	Par	Description	Min	Max	Default
		1	Radius	0	100	50
2	Box Blur	Par	Description	Min	Max	Default
		1	Radius	0	100	50
3	Bump Distortion	Par	Description	Min	Max	Default
		1	Centre X	0	W	W/2
		2	Centre Y	0	H	H/2
		3	Radius	0	600	300
		4	Scale	-1	1	1
4	Bump Distortion Linear	Par	Description	Min	Max	Default
		1	Centre X	0	W	W/2
		2	Centre Y	0	H	H/2
		3	Radius	0	600	300
		4	Scale	-1	1	1
5	Checker Board Generator	Par	Description	Min	Max	Default
		1	Centre X	0	W	W/2
		2	Centre Y	0	H	H/2
		3	Width	0	800	400
		4	Sharpness	0	1	1
6	Circle Splash Distortion	Par	Description	Min	Max	Default
		1	Centre X	0	W	W/2
		2	Centre Y	0	H	H/2
		3	Radius	0	1000	500
7	Circular Screen	Par	Description	Min	Max	Default
		1	Centre X	0	W	W/2
		2	Centre Y	0	H	H/2
		3	Width	0	50	20
		4	Sharpness	0	1	0,5
8	Circular Wrap	Par	Description	Min	Max	Default
		1	Centre X	0	W	W/2
		2	Centre Y	0	H	H/2
		3	Radius	0	600	600
		4	Angle	-3,14	3,14	0
9	free	Par	Description	Min	Max	Default
		1				

		2				
		3				
10	CMYK Halftone	Par	Description	Min	Max	Default
		1	Width	2	100	20
		2	Sharpness	0	1	0,5
		3	GCR	0	1	0
		4	UCR	0	1	0
11	Colour Controls	Par	Description	Min	Max	Default
		1	Saturation	0	2	1,38
		2	Brightness	-1	1	-0,3
		3	Contrast	0,25	4	2,45
12	Colour Invert					
13	Colour Matrix - RED	Par	Description	Min	Max	Default
		1	Red	0	1	0,5
		2	Green	0	1	0
		3	Blue	0	1	0
		4	Alpha	0	1	0
14	Colour Matrix - GREEN	Par	Description	Min	Max	Default
		1	Red	0	1	0
		2	Green	0	1	0,5
		3	Blue	0	1	0
		4	Alpha	0	1	0
15	Colour Matrix - BLUE	Par	Description	Min	Max	Default
		1	Red	0	1	0
		2	Green	0	1	0
		3	Blue	0	1	0,5
		4	Alpha	0	1	0
16	Colour Matrix - ALPHA	Par	Description	Min	Max	Default
		1	Red	0	1	0
		2	Green	0	1	0
		3	Blue	0	1	0
		4	Alpha	0	1	0,5
17	Colour Monochrome	Par	Description	Min	Max	Default
		1	Red Component	0	1	0,9
		2	Green Component	0	1	0,9
		3	Blue Component	0	1	0,9
		4	Intensity	0	1	0,9
18	Colour Posterize	Par	Description	Min	Max	Default
		1	Levels	2	30	6

19	Comic Effect					
20	Crystallize	Par	Description	Min	Max	Default
		1	Centre X	0	W	W/2
		2	Centre Y	0	H	H/2
		3	Radius	1	100	1,19
21	Depth Of Field	Par	Description	Min	Max	Default
		1	Saturation	0	10	3,5
		2	Unsharp mask radius	0	3,5	3,5
		3	Unsharp mask intensity	0	3,5	3,5
		4	Radius	0	8	0,11
22	Disc Blur	Par	Description	Min	Max	Default
		1	Radius	0	25	3
23	Dot Screen	Par	Description	Min	Max	Default
		1	Angle	-3,14	3,14	-0,63
		2	Width	2	50	12,3
		3	Sharpness	0	1	0,5
24	Edges	Par	Description	Min	Max	Default
		1	Intensity	0	1	1
25	Edge Work	Par	Description	Min	Max	Default
		1	Radius	0,1	20	3
26	Exposure Adjust	Par	Description	Min	Max	Default
		1	EV	-10	10	10
27	Gamma Adjust	Par	Description	Min	Max	Default
		1	Power	0,1	3	3
28	Gaussian Blur	Par	Description	Min	Max	Default
		1	Radius	0	100	3
29	Glass Lozenge	Par	Description	Min	Max	Default
		1	Point1 X	0	W	W/2
		2	Point1 Y	0	H	H/2
		3	Radius	0	1000	250
		4	Refraction	-5	5	-5
30	Gloom	Par	Description	Min	Max	Default
		1	Radius	0	100	100
		2	Intensity	0	1	1
31	Hatched Screen	Par	Description	Min	Max	Default

		1	Angle	-3,14	3,14	-0,63
		2	Width	2	50	12,3
		3	Sharpness	0	1	0,5
32	Height Field From Mask	Par	Description	Min	Max	Default
		1	Radius	0	40	20
33	Hexagonal Pixellate	Par	Description	Min	Max	Default
		1	Centre X	0	W	W/2
		2	Centre Y	0	H	H/2
		3	Scale	1	100	13
34	Highlight Shadow Adjust	Par	Description	Min	Max	Default
		1	Radius	1	100	
		2	Shadow Amount	-1	1	
		3	Highlight Amount	0,3	1	
35	Hole Distortion	Par	Description	Min	Max	Default
		1	Centre X	0	W	W/2
		2	Centre Y	0	H	H/2
		3	Radius	0,1	1000	300
36	Hue Adjust	Par	Description	Min	Max	Default
		1	Angle	-3,14	3,14	0
37	Kaleidoscope	Par	Description	Min	Max	Default
		1	Centre X	0	W	W/2
		2	Centre Y	0	H	H/2
		3	Count	1	64	8
		4	Angle	-3,14	3,14	0
38	Lanczos Scale Transform	Par	Description	Min	Max	Default
		1	Scale	0,1	1,5	0,2
		2	Aspect Ratio	0,5	2	1
39	Lenticular Generator	Par	Description	Min	Max	Default
		1	Radius	10	1000	152
		2	Width	10	300	80
		3	Halo Overlap	0	1	0,5
		4	Striation Contrast	0	1	1
40	Line Overlay	Par	Description	Min	Max	Default
		1	NR Noise Level	0	0,1	0,7
		2	NR Sharpness	0	2	0,71
		3	Threshold	0	200	0,1
		4	Contrast	0	50	50

41	Line Screen	Par	Description	Min	Max	Default
		1	Angle	-3,14	3,14	0
		2	Width	2	50	25
		3	Sharpness	0	1	0,5
42	Motion Blur	Par	Description	Min	Max	Default
		1	Radius	1	50	24
		2	Angle	-3,14	3,14	0
43	Horizontal Soft Edge	Par	Description	Min	Max	Default
		1	Left Border Amount	0	1	0
		2	Left Gradient Amount	0	1	0,1
		3	Right Border Amount	0	1	0
		4	Right Gradient Amount	0	1	0,1
44	Vertical Soft Edge	Par	Description	Min	Max	Default
		1	Up Border Amount	0	1	0
		2	Up Gradient Amount	0	1	0,1
		3	Down Border Amount	0	1	0
		4	Down Gradient Amount	0	1	0,1