

# Layer 3.2

Media Layer 3.2				86 channels	
Function	DMX	DMX (16bit)	Default	Range	Notes
Level	1		0	0-255	
Mixermode	2		120	0	Additive Dissolve
				10	Subtractive Dissolve
				20	Darken
				30	Lighten
				40	Softlight
				50	Softlight Inverse
				60	Hardlight
				70	Overlay
				80	Difference
				90	Multiply
				100	Screen
				110	Opaque
				120	Sprite
				130	Luminance Key
				140	Matte
Live Mask	3		0	0-255	
Red	4		128	0-127	Subtract Colour
				128	Center
				129-255	Add Colour
Green	5		128	0-127	Subtract Colour
				128	Center
				129-255	Add Colour
Blue	6		128	0-127	Subtract Colour
				128	Center
				129-255	Add Colour
Brightness	7		128	0-255	
Contrast	8		128	0-255	
Colour Invert	9		0	0-127	Invert Off
				128-255	Invert On
Advance Colour Enable	10		0	0-127	Enable Off
				128-255	Enable On
Advance	11		128	0-255	

Red Low					
Advance Red Mid	12		128	0-255	
Advance Red High	13		128	0-255	
Advance Green Low	14		128	0-255	
Advance Green Mid	15		128	0-255	
Advance Green High	16		128	0-255	
Advance Blue Low	17		128	0- 255	
Advance Blue Mid	18		128	0-255	
Advance Blue High	19		128	0-255	
Rotation	20	21	16384	0-32768	Index Position
				32769 - 49151	Continuous rotation CW
				49152	Stop
				49153 - 65535	Continuous rotation CCW
Position X	22	23	32768	0-65535	
Position Y	24	25	32768	0-65535	
Aspect Ratio	26		128	0-255	
Zoom	27	28	32768	0-65535	
Aspect Mode	29		0	0	Auto Scale
				15	Pixel 1:1
				25	Fill
				35	4:3
				45	16:9
				55	16.10
				65	1:1
FX1 Select	30		0	0-255	Effect select (see separate list)
FX1 Level	31		0	0-255	
FX1 Param 1	32		128	0-255	Depends On Effect Selected
FX1 Param 2	33		128	0-255	Depends On Effect Selected
FX1 Param 3	34		128	0-255	Depends On Effect Selected

FX1 Param 4	35		128	0-255	Depends On Effect Selected
FX1 Param 5	36		128	0-255	Depends On Effect Selected
FX2 Select	37		0	0-255	Effect select (see separate list)
FX2 Level	38		0	0-255	
FX2 Param 1	39		128	0-255	Depends On Effect Selected
FX2 Param 2	40		128	0-255	Depends On Effect Selected
FX2 Param 3	41		128	0-255	Depends On Effect Selected
FX2 Param 4	42		128	0-255	Depends On Effect Selected
FX2 Param 5	43		128	0-255	Depends On Effect Selected
Source Type	44		0	0	MediaPlayer
				15	Live Input
				25	Generator
				35	Relays
				45	Screen Thief
				55	Text Engine
Bank	45		0	0-255	
Clip	46		0	0-255	
Playmode	47		15	0	Forward
				15	Forward Loop
				25	Backward
				35	Backward Loop
				45	Ping Pong
				55	Random
				65	In
				75	Out
				80	reserved
Relay Select	48		0	0	Disabled
				10	Master
				20	Mix
				30	Relay 1
				40	Relay 2
				50	Relay 3
				60	Relay 4
				70	Relay 5
				80	Relay 6
				90	Relay 7

				100	Relay 8
Speed	49		64	0-255	
In Point	50	51	0	0-65535	Sets In-point
Media Pause	52		0	0-127	Pause off
				128-255	Pause on
Out Point	53	54	65535	0-65535	Sets out-point
Live Input Select	55		0	0	Disabled
				10	Input 1
				20	Input 2
				30	Input 3
				40	Input 4
				50	Input 5
				60	Input 6
				70	Input 7
				80	Input 8
Deinterlace	56		0	0-127	De-Interlace off
				128-255	De- Interlace on
Generator Select	57		0	0-255	See separate list
Generator Level	58		0	0-255	
Generator Param 1	59		128	0-255	
Generator Param 2	60		128	0-255	
Generator Param 3	61		128	0-255	
Generator Param 4	62		128	0 -255	
Generator Param 5	63		128	0 -255	
Generator Param 6	64		128	0 -255	
Generator Param 7	65		128	0-255	
Generator Param 8	66		128	0-255	
Text Direction	67		0	0	Up
				15	Down
				25	Left
				35	Right
Text Mode	68		0	0	Scroll

				15	Fade
Text Speed	69		64	0-255	
Text Bookmark	70		0	0-255	
Document Sel	71		0	0	No Text
				15	Doc 1
				25	Doc 2
				35	Doc 3 ..... (Up in Values of 10...45,55,65 ...Ect)
Text Fade Sel	72		0	0	Top
				15	Center
				25	Bottom
Text Fade Speed	73		0	0-255	
Text Playmode	74		35	0	Stop
				15	Pause
				25	Play
				35	Loop Forward
Text Show	75		0	0	Off
				255	On
Text State	76		0	0	Off
				255	On
Audio Volume	77		255	0-255	
Audio Pan	78		128	0-255	
Audio Sync	79		255	0	Sync Off
				255	Sync On
Time-code	80		0	0-127	Disable
				128-255	Enable
TC hour	81		0	0-255	
TC minutes	82		0	0-255	
TC seconds	83		0	0-255	
TC Frames	84		0	0-255	
Hue	85		128	0-255	
Saturation	86		128	0-255	