

Pandoras Box Version 8 DMX Profile
- Sequence -

5 CH	Parameter		Values	Meaning	Default
1	Opacity	8 Bit	0 1.255	Sequence not visible Opacity for all layers on sequence	255
2	Transport Control	8 Bit	0 128 255	Pause Play Stop	0
3	Cue	8 Bit	0 1.255	no Cue Cue ID	0
4	Frame	16 Bit	0 65535	Set nowpointer to frame pos	0

Pandoras Box Version 8 DMX Profile **- Audio Track -**

11 CH	Parameter		Values	Meaning	Default
1	Folder	8 Bit	0 1..255	no Folder Folder ID	0
2	Media	8 Bit	0 1..255	no Media File ID	0
3	Video Control	8 Bit	0 64 128 192	Stop Play Once Pause Play Loop	192
4	Volume	16 Bit	0 32768 46300 65535	no Audio -96db 0db 3db full Audio	0
6	Inpoint	16 Bit	0 65535	File Beginning End of File	0
8	Outpoint	16 Bit	0 65535	File Beginning End of File	65535
10	Pan	16 Bit	0 32768 65535	Left Ch only Center - L+R Ch Right Ch only	32768

Pandoras Box Version 8 DMX Profile

- Video Layer -

Console		Standard					
	97 CH	53 CH	Parameter	Values	Meaning	Default	
Media	1	1	Folder	8 Bit	0 1..255	no Folder Folder ID	0
	2	2	Media	8 Bit	0 1..255	no Media File ID	0
Mesh	3	3	Object Folder	8 Bit	0 1..255	no Folder Folder ID	0
	4	4	Object Media	8 Bit	0 1..255	no Object File ID	0
Opacity	5	5	Opacity	8 Bit	0 1..255	Layer not visible Opacity	0
Playback	6	6	Video Control	8 Bit	0 64 128 192	Stop Play Once Pause Play Loop	192
					0..127	10% to 100%	
					128	1:1 Speed (100%)	
					129..255	100% to 500%	
8	8	Inpoint	16 Bit	0 65535	File Beginning End of File	0	
10	10	Outpoint	16 Bit	0 65535	File Beginning End of File	65535	
Audio	12	12	Volume	16 Bit	0 32768 46300 65535	No Audio, -96dB 0dB 3dB Max. Volume	0
Position	14	14	X Pos	16 Bit	0 32768 65535	-256.000 units left Center +256.000 units right	32768
16	16	Y Pos	16 Bit	0 32768 65535	-256.000 units down Center +256.000 units up	32768	
18	18	Z Pos	16 Bit	0 32768 65535	-256.000 units backwards Center +256.000 units forwards	32768	
Rotation							
Resolution: 1 DMX step = 0.033°							
	20	20	X Angle	16 Bit	0 32768 65535	-1080.00° 0° +1080.00°	32768
22	22	Y Angle	16 Bit	0 32768 65535	-1080.00° 0° +1080.00°	32768	
24	24	Z Angle	16 Bit	0 32768 65535	-1080.00° 0° +1080.00°	32768	
Mode Channel switches between "Angle" and "Speed"							
26	26	X Rot Mode	8 Bit	0 1	Fixed Angle Rotation Speed	0	
27	27	Y Rot Mode	8 Bit	0 1	Fixed Angle Rotation Speed	0	
28	28	Z Rot Mode	8 Bit	0 1	Fixed Angle Rotation Speed	0	
Resolution: 1 DMX step = 1 rotation per hour							
	29	29	X Speed	16 Bit	0 32768 65535	Max. rotation speed counterclockwise No continuous rotation Max. rotation speed clockwise	32768
31	31	Y Speed	16 Bit	0 32768 65535	Max. rotation speed counterclockwise No continuous rotation Max. rotation speed clockwise	32768	
33	33	Z Speed	16 Bit	0 32768 65535	Max. rotation speed counterclockwise No continuous rotation Max. rotation speed clockwise	32768	
Scale							
Resolution: 1 DMX step = 0.001 unit							
	35	35	X Scale	16 Bit	0 1000 2000 65535	Not visible Original size Double size Maximum scaling 65x	1000
37	37	Y Scale	16 Bit	0 1000 2000 65535	Not visible Original size Double size Maximum scaling 65x	1000	
39	39	Z Scale	16 Bit	0 1000 2000 65535	Not visible Original size Double size Maximum scaling 65x	1000	

Pandoras Box Version 8 DMX Profile

- Video Layer -

Console Standard

97 CH	53 CH	Parameter		Values	Meaning	Default
Rotation Pivot		<i>See "Position" Note</i>				
	41	X Rot Pivot	16 Bit	0 32768 65535	-256.000 units left Center +256.000 units right	32768
	43	Y Rot Pivot	16 Bit	0 32768 65535	-256.000 units down Center +256.000 units up	32768
	45	Z Rot Pivot	16 Bit	0 32768 65535	-256.000 units backwards Center +256.000 units forwards	32768
Scale Pivot		<i>See "Position" Note</i>				
	47	X Scale Pivot	16 Bit	0 32768 65535	-256.000 units left Center +256.000 units right	32768
	49	Y Scale Pivot	16 Bit	0 32768 65535	-256.000 units down Center +256.000 units up	32768
	51	Z Scale Pivot	16 Bit	0 32768 65535	-256.000 units backwards Center +256.000 units forwards	32768
Blend Mode		<i>Details on Blend Mode see helpfile</i>				
	53	Blend Mode	8 Bit	0 1..255	Normal Blend Mode Blend Mode ID	0
Effects		<i>All MultiFX have nine 16Bit parameter channels. Not all parameters are used for all FX. See helpfile for detailed information on each FX.</i>				
41		FX1 Selection	8 Bit	0 1..255	No FX FX ID	0
42		FX 1.1	16 Bit	0..65535	Parameter 1	32768
44		FX 1.2	16 Bit	0..65535	Parameter 2	32768
46		FX 1.3	16 Bit	0..65535	Parameter 3	32768
48		FX 1.4	16 Bit	0..65535	Parameter 4	32768
50		FX 1.5	16 Bit	0..65535	Parameter 5	32768
52		FX 1.6	16 Bit	0..65535	Parameter 6	32768
54		FX 1.7	16 Bit	0..65535	Parameter 7	32768
56		FX 1.8	16 Bit	0..65535	Parameter 8	32768
58		FX 1.9	16 Bit	0..65535	Parameter 9	32768
60		FX2 Selection	8 Bit	0 1..255	No FX FX ID	0
61		FX 2.1	16 Bit	0..65535	Parameter 1	32768
63		FX 2.2	16 Bit	0..65535	Parameter 2	32768
65		FX 2.3	16 Bit	0..65535	Parameter 3	32768
67		FX 2.4	16 Bit	0..65535	Parameter 4	32768
69		FX 2.5	16 Bit	0..65535	Parameter 5	32768
71		FX 2.6	16 Bit	0..65535	Parameter 6	32768
73		FX 2.7	16 Bit	0..65535	Parameter 7	32768
75		FX 2.8	16 Bit	0..65535	Parameter 8	32768
77		FX 2.9	16 Bit	0..65535	Parameter 9	32768
79		FX 3 Selection	8 Bit	0 1..255	No FX FX ID	0
80		FX 3.1	16 Bit	0..65535	Parameter 1	32768
82		FX 3.2	16 Bit	0..65535	Parameter 2	32768
84		FX 3.3	16 Bit	0..65535	Parameter 3	32768
86		FX 3.4	16 Bit	0..65535	Parameter 4	32768
88		FX 3.5	16 Bit	0..65535	Parameter 5	32768
90		FX 3.6	16 Bit	0..65535	Parameter 6	32768
92		FX 3.7	16 Bit	0..65535	Parameter 7	32768
94		FX 3.8	16 Bit	0..65535	Parameter 8	32768
96		FX 3.9	16 Bit	0..65535	Parameter 9	32768

Pandoras Box Version 8 DMX Profile

- Light Layer -

	Console	Standard					
	34 CH	39 CH	Parameter		Values	Meaning	Default
Media	1	1	Folder	8 Bit	0 1..255	no Folder Folder ID	0
	2	2	Media	8 Bit	0 1..255	no Media File ID	0
Intensity	3	3	Intensity	8 Bit	0 1..255	Light not visible Intensity	255
Playback	4	4	Video Control	8 Bit	0 64 128 192	Stop Play Once Pause Play Loop	0
	5	5	Speed	8 Bit	0..127 128 129..255	10% to 100% 1:1 Speed (100%) 100% to 500%	128
	6	6	Inpoint	16 Bit	0 65535	File Beginning End of File	0
	8	8	Outpoint	16 Bit	0 65535	File Beginning End of File	65535
Position			<i>By default, the GUI displays position parameters as pixel values but incoming DMX values are in generic units. To display generic units, see chapter "Unit Management" in the helpfile. One display width equals 16.000 units, the height is calculated by the aspect ratio. Resolution: 1 DMX step = 0.008 units</i>				
	10	10	X Pos	16 Bit	0 32768 65535	-256.000 units left Center +256.000 units right	32768
	12	12	Y Pos	16 Bit	0 32768 65535	-256.000 units down Center +256.000 units up	34048
	14	14	Z Pos	16 Bit	0 32768 65535	-256.000 units backwards Center +256.000 units forwards	29568
Target	16	16	X Pos	16 Bit	0 32768 65535	-256.000 units left Center +256.000 units right	32768
	18	18	Y Pos	16 Bit	0 32768 65535	-256.000 units down Center +256.000 units up	32768
	20	20	Z Pos	16 Bit	0 32768 65535	-256.000 units backwards Center +256.000 units forwards	32768
Color	22	22	Red	8 Bit	0..255	Red level, Color Picker	255
	23	23	Green	8 Bit	0..255	Green level, Color Picker	255
	24	24	Blue	8 Bit	0..255	Blue level, Color Picker	255
Settings	25	25	Angle	16 Bit	0 7282 65535	0.000 20.000 180.000	7282
	27	27	Aspect Ratio	16 Bit	0 3277 65535	0 1 20	3277
	29	29	Z Roll	16 Bit	0 32768 65535	-1080.00° 0° +1080.00°	32768
	31	31	Near Plane	16 Bit	0..65535		5
	33	33	Far Plane	16 Bit	0..65535		5000
	35	35	Tolerance	16 Bit	0 3277 65535	0.000 0.050 1.000	3277
	37	37	Softness	16 Bit	0 16384 65535	0 250 1000	16384
Mode	39	39	Projection Mode	8 Bit	0 1	Perspective Orthogonal	0

Pandoras Box Version 8 DMX Profile

- Camera Device -

	Console	Standard					
	23 CH	31 CH	Parameter		Values	Meaning	Default
Mode	1	1	Projection Mode	8 Bit	0 1	Perspective Orthogonal	0
Viewpoint Position			<i>By default, the GUI displays position parameters as pixel values but incoming DMX values are in generic units. To display generic units, see chapter "Unit Management" in the helpfile. One display width equals 16.000 units, the height is calculated by the aspect ratio. Resolution: 1 DMX step = 0.008 units</i>				
	2	2	X Pos	16 Bit	0 32768 65535	-256.000 units left Center +256.000 units right	32768
	4	4	Y Pos	16 Bit	0 32768 65535	-256.000 units down Center +256.000 units up	32768
	6	6	Z Pos	16 Bit	0 32768 65535	-256.000 units backwards Center +256.000 units forwards	29568
Target Position	8	8	Target X Pos	16 Bit	0 32768 65535	-256.000 units left Center +256.000 units right	32768
	10	10	Target Y Pos	16 Bit	0 32768 65535	-256.000 units down Center +256.000 units up	32768
	12	12	Target Z Pos	16 Bit	0 32768 65535	-256.000 units backwards Center +256.000 units forwards	32768
Settings	14	14	FOV	16 Bit	0 17745 65535	0.001 35.489 131.070	17745
		16	Near Plane	16 Bit	0..65535		5
		18	Far Plane	16 Bit	0..65535		50000
	16	20	Aspect Ratio	16 Bit	0 10924 32768 65535	0.000 1.000 3.000 6.000	10924
Lens Shift	18	22	X Offset	16 Bit	0 32768 65535	-256.000 units left Center +256.000 units right	32768
	20	24	Y Offset	16 Bit	0 32768 65535	-256.000 units down Center +256.000 units up	32768
	22	26	Z Roll	16 Bit	0 32768 65535	-1080.00° 0° +1080.00°	32768
Background Color		28	Red	8 Bit	0 255	Red level, Color Picker	0
		29	Green	8 Bit	0 255	Green level, Color Picker	0
		30	Blue	8 Bit	0 255	Blue level, Color Picker	0
		31	Alpha	8 Bit	0 255	Alpha Level	255

Pandoras Box Version 8 DMX Profile

- Output Device -

Console		Standard					
	124 CH	125 CH	Parameter		Values	Meaning	Default
Matrix		1	Matrix Folder	8 Bit	0 1..255	no Folder Folder ID	0
		2	Matrix File	8 Bit	0 1..255	no Matrix File ID	0
State	1	3	Bypass	8 Bit	0 1	Render Bypass	0
Object		4	Camera	16 Bit	-	cannot be assigned via DMX control	
	2	6	Object Folder	8 Bit	0 1..255	no Folder Folder ID	0
	3	7	Object Media	8 Bit	0 1..255	no Object File ID	0
	4	8	Opacity	8 Bit	0 1..255	Not visible Opacity	255
			By default, the GUI displays position parameters as pixel values but incoming DMX values are in generic units. To display generic units, see chapter "Unit Management" in the helpfile. One display width equals 16.000 units, the height is calculated by the aspect ratio. Resolution: 1 DMX step = 0.008 units				
Position	5	9	X Pos	16 Bit	0 32768 65535	-256.000 units Center +256.000 units	32768
	7	11	Y Pos	16 Bit	0 32768 65535	-256.000 units Center +256.000 units	32768
	9	13	Z Pos	16 Bit	0 32768 65535	-256.000 units Center +256.000 units	32768
			Resolution: 1 DMX step = 0.033°				
Rotation	11	15	X Angle	16 Bit	0 32768 65535	-1080.00° 0° +1080.00°	32768
	13	17	Y Angle	16 Bit	0 32768 65535	-1080.00° 0° +1080.00°	32768
	15	19	Z Angle	16 Bit	0 32768 65535	-1080.00° 0° +1080.00°	32768
	Mode Channel switches between "Angle" and "Speed"						
	17	21	X Rot Mode	8 Bit	0 1	Fixed Angle Rotation Speed	0
	18	22	Y Rot Mode	8 Bit	0 1	Fixed Angle Rotation Speed	0
	19	23	Z Rot Mode	8 Bit	0 1	Fixed Angle Rotation Speed	0
	Resolution: 1 DMX step = 1 rotation per hour						
	20	24	X Speed	16 Bit	0 32768 65535	Max. rotation speed counterclockwise No continuous rotation Max. rotation speed clockwise	32768
	22	26	Y Speed	16 Bit	0 32768 65535	Max. rotation speed counterclockwise No continuous rotation Max. rotation speed clockwise	32768
	24	28	Z Speed	16 Bit	0 32768 65535	Max. rotation speed counterclockwise No continuous rotation Max. rotation speed clockwise	32768
			Resolution: 1 DMX step = 0.001 unit				
Scale	26	30	X Scale	16 Bit	0 1000 2000 65535	Not visible Original size Double size Maximum scaling 65x	1000
	28	32	Y Scale	16 Bit	0 1000 2000 65535	Not visible Original size Double size Maximum scaling 65x	1000
	30	34	Z Scale	16 Bit	0 1000 2000 65535	Not visible Original size Double size Maximum scaling 65x	1000
			See "Position" Note				
Rotation Pivot		36	X Rot Pivot	16 Bit	0 32768 65535	-256.000 units Center +256.000 units	32768
		38	Y Rot Pivot	16 Bit	0 32768 65535	-256.000 units Center +256.000 units	32768
		40	Z Rot Pivot	16 Bit	0 32768 65535	-256.000 units Center +256.000 units	32768

Pandoras Box Version 8 DMX Profile

- Output Device -

	Console	Standard					
	124 CH	125 CH	Parameter		Values	Meaning	Default
Scale Pivot			See "Position" Note				
		42	X Scale Pivot	16 Bit	0 32768 65535	-256.000 units Center +256.000 units	32768
		44	Y Scale Pivot	16 Bit	0 32768 65535	-256.000 units Center +256.000 units	32768
		46	Z Scale Pivot	16 Bit	0 32768 65535	-256.000 units Center +256.000 units	32768
Viewpoint Position			See "Position" Note				
		48	X Pos	16 Bit	0 32768 65535	-256.000 units Center +256.000 units	32768
		50	Y Pos	16 Bit	0 32768 65535	-256.000 units Center +256.000 units	32768
		52	Z Pos	16 Bit	0 32768 65535	-256.000 units Center +256.000 units	29568
Target Position			See "Position" Note				
		54	Traget X Pos	16 Bit	0 32768 65535	-256.000 units Center +256.000 units	32768
		56	Target Y Pos	16 Bit	0 32768 65535	-256.000 units Center +256.000 units	32768
		58	Target Z Pos	16 Bit	0 32768 65535	-256.000 units Center +256.000 units	32768
Settings		60	FOV	16 Bit	0 17745 65535	0.001 35.489 131.070	17745
		62	Near Plane	16 Bit	0..65535		5
		64	Far Plane	16 Bit	0..65535		50000
		66	Aspect Ratio	16 Bit	0 10924 32768 65535	0 1.000 3.000 6.000	10924
Lens Shift		68	X Offset	16 Bit	0 32768 65535	-256.000 units Center +256.000 units	32768
		70	Y Offset	16 Bit	0 32768 65535	-256.000 units Center +256.000 units	32768
		72	Z Roll	16 Bit	0 32768 65535	-1080.00° 0° +1080.00°	32768
Background Color		74	Red	8 Bit	0 255	Red level, Color Picker	0
		75	Green	8 Bit	0 255	Green level, Color Picker	0
		76	Blue	8 Bit	0 255	Blue level, Color Picker	0
		77	Alpha	8 Bit	0 255	Alpha Level	255
Pixel Warp		78	Pixel Warp Folder	8 Bit	0 1..255	no Folder Folder ID	0
		79	Pixel Warp Media	8 Bit	0 1..255	no Pxel Warp File File ID	0
Keystone	32	80	Keystone L	16 Bit	0..65535		32768
	34	82	Keystone L Pos	16 Bit	0..65535		32768
	36	84	Keystone R	16 Bit	0..65535		32768
	38	86	Keystone R Pos	16 Bit	0..65535		32768
	40	88	Keystone T	16 Bit	0..65535		32768
	42	90	Keystone T Pos	16 Bit	0..65535		32768
	44	92	Keystone B	16 Bit	0..65535		32768
	46	94	Keystone B Pos	16 Bit	0..65535		32768
	48	96	Linearity X	16 Bit	0..65535		32768
	50	98	Linearity Y	16 Bit	0..65535		32768

Pandoras Box Version 8 DMX Profile

- Output Device -

Console	Standard						
	124 CH	125 CH	Parameter		Values	Meaning	Default
Softedge		100	Blend Folder	8 Bit	0 1..255	no Folder Folder ID	0
		101	Blend Media	8 Bit	0 1..255	no Blend File File ID	0
	52	102	Softedge Left	16 Bit	0..65535		0
	54	104	Softedge Left Curve	16 Bit	0..65535		32768
		106	Softedge Left Marker	8 Bit	0 1..255	no marker black to white marker	0
		107	Softedge Left Maker Width	8 Bit	0..255		32
	56	108	Softedge Right	16 Bit	0..65535		0
	58	110	Softedge Right Curve	16 Bit	0..65535		32768
		112	Softedge Right Marker	8 Bit	0 1..255	no marker black to white marker	0
		113	Softedge Right Maker Width	8 Bit	0..255		32
	60	114	Softedge Top	16 Bit	0..65535		0
	62	116	Softedge Top Curve	16 Bit	0..65535		32768
		118	Softedge Top Marker	8 Bit	0 1..255	no marker black to white marker	0
		119	Softedge Left Top Width	8 Bit	0..255		32
Effects		120	Softedge Bottom	16 Bit	0..65535		0
		122	Softedge Bottom Curve	16 Bit	0..65535		32768
		124	Softedge Bottom Marker	8 Bit	0 1..255	no marker black to white marker	0
		125	Softedge Bottom Maker Width	8 Bit	0..255		32
	All MultiFX have nine 16Bit parameter channels. Not all parameters are used for all FX. See helpfile for detailed information on each FX.						
	68		FX1 Selection	8 Bit	0 1..255	No FX FX ID	0
	69		FX 1.1	16 Bit	0..65535	Parameter 1	32768
	71		FX 1.2	16 Bit	0..65535	Parameter 2	32768
	73		FX 1.3	16 Bit	0..65535	Parameter 3	32768
	75		FX 1.4	16 Bit	0..65535	Parameter 4	32768
	77		FX 1.5	16 Bit	0..65535	Parameter 5	32768
	79		FX 1.6	16 Bit	0..65535	Parameter 6	32768
	81		FX 1.7	16 Bit	0..65535	Parameter 7	32768
	83		FX 1.8	16 Bit	0..65535	Parameter 8	32768
85		FX 1.9	16 Bit	0..65535	Parameter 9	32768	
	87		FX2 Selection	8 Bit	0 1..255	No FX FX ID	0
	88		FX 2.1	16 Bit	0..65535	Parameter 1	32768
	90		FX 2.2	16 Bit	0..65535	Parameter 2	32768
	92		FX 2.3	16 Bit	0..65535	Parameter 3	32768
	94		FX 2.4	16 Bit	0..65535	Parameter 4	32768
	96		FX 2.5	16 Bit	0..65535	Parameter 5	32768
	98		FX 2.6	16 Bit	0..65535	Parameter 6	32768
	100		FX 2.7	16 Bit	0..65535	Parameter 7	32768
	102		FX 2.8	16 Bit	0..65535	Parameter 8	32768
	104		FX 2.9	16 Bit	0..65535	Parameter 9	32768
	106		FX 3 Selection	8 Bit	0 1..255	No FX FX ID	0
	107		FX 3.1	16 Bit	0..65535	Parameter 1	32768
	109		FX 3.2	16 Bit	0..65535	Parameter 2	32768
	111		FX 3.3	16 Bit	0..65535	Parameter 3	32768
	113		FX 3.4	16 Bit	0..65535	Parameter 4	32768
	115		FX 3.5	16 Bit	0..65535	Parameter 5	32768
	117		FX 3.6	16 Bit	0..65535	Parameter 6	32768
	119		FX 3.7	16 Bit	0..65535	Parameter 7	32768
	121		FX 3.8	16 Bit	0..65535	Parameter 8	32768
	123		FX 3.9	16 Bit	0..65535	Parameter 9	32768