

# FB4 16 Channel DMX Profile layout

Note that this profile is active when the FB4 is in operation mode **\*\*DMX-512\*\*** or **\*\*ArtNET\*\*** and in menu "DMX settings", the profile "FB3" is chosen. The 16 and 39 channel fixture profiles are not available at the same time.

Channels	Value	Function	Description	Width
1	0-255	DMX Modes	0-31 Blackout 33-95 Four channels 97-159 Eight channels 161-232 Twelve channels 225-255 Sixteen channels	8 Bit
2	0-255	Page index (9 pages in total)	0-15 Page 1 17-31 Page 2 33-47 Page 3 49-63 Page 4 65-79 Page 5 81-95 Page 6 97-111 Page 7 113-127 Page 8 129-255 Page 9	8 Bit
3	0-255	Cue Index (48 cues in total)	0-32 None active 33-35 Cue 1 37-39 Cue 2 .. - .. .. 221-223 Cue 48 225-255 Repeat	8 Bit
4 <sup>1)</sup>	0-255	Cue Speed	0-15 Full Speed 17-31 Pause 33-255 25 till 200%	8 Bit
5	0-255	Dimmer	0 till 100%	8 Bit
6	0-255	Zoom	0 till 100%	8 Bit
7	0-255	Size X	-100 till 100%	8 Bit
8	0-255	Size Y	-100 till 100%	8 Bit
9	0-255	Angle Z	0 till 360 degrees	8 Bit
10	0-255	Position X	0 = left 128 = Center 255 = Right	8 Bit
11	0-255	Position Y	0 = top 128 = center 255 = bottom	8 Bit
12	0-255	Visible points	Zero Points till 100% of points visible	8 Bit
13 <sup>2)</sup>	0-255	Scan Rate	0-31 Cue preferred speed 33-223 6K till 29K 225-255 30K	8 Bit

Channels	Value	Function	Description	Width
14	0-255	Cue release	0-31 Default 33-95 Hold 97-159 Loop 161-223 Next 225-255 Stop	8 Bit
15	0-255	Color Scroll	0-31 Original cue color 33-223 Color Scroll 225-255 White	8 Bit
16	0-255	Reserved	Reserved	8 Bit

## Cheat Sheet

Click here to download the Cheat sheet

1)

If a BPM based effects is exported at 100BPM, and you want to have a cue running on 128 BPM, change the channel speed to 128.

2)

Lowering the scan rate can impact the cue speed of the laser

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