# 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<br>33-95 Four channels<br>97-159 Eight channels<br>161-232 Twelve channels<br>225-255 Sixteen channels | 8 Bit |
| 2 | 0-255 | Page index<br>(9 pages in total) | 0-15 Page 1<br>17-31 Page 2<br>33-47 Page 3<br>49-63 Page 4<br>65-79 Page 5<br>81-95 Page 6<br>97-111 Page 7<br>113-127 Page 8<br>129-255 Page 9 | 8 Bit |
| 3 | 0-255 | Cue Index<br>(48 cues in total) | 0-32 None active<br>33-35 Cue 1<br>37-39 Cue 2<br>.. - .. ..<br>221-223 Cue 48<br>225-255 Repeat | 8 Bit |
| 4 [1)] | 0-255 | Cue Speed | 0-15 Full Speed<br>17-31 Pause<br>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<br>128 = Center<br>255 = Right | 8 Bit |
| 11 | 0-255 | Position Y | 0 = top<br>128 = center<br>255 = bottom | 8 Bit |
| 12 | 0-255 | Visible points | Zero Points till 100% of points visible | 8 Bit |
| 13 [2)] | 0-255 | Scan Rare | 0-31 Cue preferred speed<br>33-223 6K till 29K<br>225-255 30K | 8 Bit |

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