

# DMX CHANNELS

| Mode/Channel |    |    | Function     | Values  | Description                                |
|--------------|----|----|--------------|---------|--------------------------------------------|
| 16B          | 8B | DE |              |         |                                            |
| 1            | 1  | 1  | Pan          | 0-255   | PAN Movement                               |
| 2            |    | 2  | Pan-fine     | 0-255   | Fine control of Pan movement               |
| 3            | 2  | 3  | Tilt         | 0-255   | Tilt Movement                              |
| 4            |    | 4  | Tilt-fine    | 0-255   | Fine control of Tilt movement              |
| 5            | 3  | 5  | Color wheel  | 0-7     | Open / white                               |
|              |    |    |              | 8-15    | Color 1                                    |
|              |    |    |              | 16-23   | Color 2                                    |
|              |    |    |              | 24-31   | Color 3                                    |
|              |    |    |              | 32-39   | Color 4                                    |
|              |    |    |              | 40-47   | Color 5                                    |
|              |    |    |              | 48-55   | Color 6                                    |
|              |    |    |              | 56-63   | Color 7                                    |
|              |    |    |              | 64-71   | Color 8                                    |
|              |    |    |              | 72-79   | Color 9                                    |
|              |    |    |              | 80-87   | Color 10                                   |
|              |    |    |              | 88-95   | Color 11                                   |
|              |    |    |              | 96-103  | Color 12                                   |
|              |    |    |              | 101-111 | Color 13                                   |
|              |    |    |              | 112-127 | Color 14                                   |
|              |    |    |              | 128-189 | Forwards rainbow effect from fast to slow  |
|              |    |    |              | 190-193 | Color rotation stop                        |
|              |    |    |              | 194-255 | Backwards rainbow effect from slow to fast |
| 6            | 4  | 6  | Gobo wheel 1 | 0-4     | Open                                       |
|              |    |    |              | 5-9     | Gobo 1                                     |
|              |    |    |              | 10-14   | Gobo 2                                     |
|              |    |    |              | 15-19   | Gobo 3                                     |
|              |    |    |              | 20-24   | Gobo 4                                     |
|              |    |    |              | 25-29   | Gobo 5                                     |
|              |    |    |              | 30-34   | Gobo 6                                     |
|              |    |    |              | 35-39   | Gobo 7                                     |
|              |    |    |              | 40-44   | Gobo 8                                     |
|              |    |    |              | 45-49   | Gobo 9                                     |
|              |    |    |              | 50-54   | Gobo 10                                    |
|              |    |    |              | 55-59   | Gobo 11                                    |
|              |    |    |              | 60-64   | Gobo 12                                    |
|              |    |    |              | 65-69   | Gobo 13                                    |
|              |    |    |              | 70-74   | Gobo 14                                    |

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|----|---|----|-----------------------|---------|--------------------------------------------|
|    |   |    |                       | 75-79   | Gobo 15                                    |
|    |   |    |                       | 80-84   | Gobo 16                                    |
|    |   |    |                       | 85-89   | Gobo 17                                    |
|    |   |    |                       | 90-97   | Gobo 1 shake slow to fast                  |
|    |   |    |                       | 98-105  | Gobo 2 shake slow to fast                  |
|    |   |    |                       | 106-113 | Gobo 3 shake slow to fast                  |
|    |   |    |                       | 114-121 | Gobo 4 shake slow to fast                  |
|    |   |    |                       | 122-129 | Gobo 5 shake slow to fast                  |
|    |   |    |                       | 130-137 | Gobo 6 shake slow to fast                  |
|    |   |    |                       | 138-145 | Gobo 7 shake slow to fast                  |
|    |   |    |                       | 146-153 | Gobo 8 shake slow to fast                  |
|    |   |    |                       | 154-161 | Gobo 9 shake slow to fast                  |
|    |   |    |                       | 162-169 | Gobo 10 shake slow to fast                 |
|    |   |    |                       | 170-177 | Gobo 11 shake slow to fast                 |
|    |   |    |                       | 178-185 | Gobo 12 shake slow to fast                 |
|    |   |    |                       | 186-193 | Gobo 13 shake slow to fast                 |
|    |   |    |                       | 194-201 | Gobo 14 shake slow to fast                 |
|    |   |    |                       | 202-209 | Gobo 15 shake slow to fast                 |
|    |   |    |                       | 210-217 | Gobo 16 shake slow to fast                 |
|    |   |    |                       | 218-225 | Gobo 17 shake slow to fast                 |
|    |   |    |                       | 226-255 | Rot.gobo wheel cont. rotation slow to fast |
| 7  | 5 | 7  | Shutter               | 0-31    | Shutter closed                             |
|    |   |    |                       | 32-63   | Shutter open                               |
|    |   |    |                       | 64-95   | Strobe effect slow to fast                 |
|    |   |    |                       | 96-127  | Shutter open                               |
|    |   |    |                       | 128-159 | Pulse-effect in sequences slow to fast     |
|    |   |    |                       | 160-191 | Shutter open                               |
|    |   |    |                       | 192-223 | Random strobe effec slow to fast           |
|    |   |    |                       | 224-255 | Shutter open                               |
| 8  | 6 | 8  | Dimmer                | 0-255   | Dimmer0%...100%                            |
| 9  | 7 | 9  | Focus                 | 0-255   | In(near)to out(far)                        |
| 10 | 8 | 10 | Rotating prism, Prism | 0-5     | OFF                                        |
|    |   |    |                       | 6-127   | ON                                         |
|    |   |    |                       | 128-189 | Forwards rotation from fast to slow        |
|    |   |    |                       | 190-193 | Prism rotation stop                        |
| 11 | 9 | 11 | Frost                 | 194-255 | Forwards rotation from fast to slow        |
|    |   |    |                       | 0-199   | Frost swing out                            |
|    |   |    |                       | 200-255 | Frost swing in                             |
|    |   |    |                       | 0-225   | Max to min speed                           |

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|    |    |    |                     |         |                                |
|----|----|----|---------------------|---------|--------------------------------|
| 12 | 9  | 12 | Speed<br>Pan/Tilt   | 226-235 | Blackout by movement           |
|    |    |    |                     | 236-245 | Blackout by all wheel changing |
|    |    |    |                     | 246-255 | No function                    |
| 13 | 10 | 13 | Special<br>function | 0-19    | No function                    |
|    |    |    |                     | 20-29   | No function                    |
|    |    |    |                     | 30-39   | No function                    |
|    |    |    |                     | 40-79   | No function                    |
|    |    |    |                     | 80-84   | All motor reset                |
|    |    |    |                     | 85-87   | Scan motor reset               |
|    |    |    |                     | 88-90   | Colors motor reset             |
|    |    |    |                     | 91-93   | Gobo motor reset               |
|    |    |    |                     | 94-96   | Shutter&Dimmer motor reset     |
|    |    |    |                     | 97-99   | Other motor reset              |
|    |    |    |                     | 100-119 | Internal program 1             |
|    |    |    |                     | 120-139 | Internal program 2             |
|    |    |    |                     | 140-159 | Internal program 3             |
|    |    |    |                     | 160-179 | Internal program 4             |
|    |    |    |                     | 180-199 | Internal program 5             |
|    |    |    |                     | 200-219 | Internal program 6             |
|    |    |    |                     | 220-239 | Internal program 7             |
|    |    |    |                     | 240-255 | Internal sound program 1       |
|    |    | 14 | Color Time          | 0-255   | Max to min speed               |
|    |    | 15 | Gobo Time           | 0-255   | Max to min speed               |