

DMX-Protocol

FUTURELIGHT DMH-100 RGBW LED Moving Head No. 51841960

Version 1.1.0.0

DMX channel functions and their values (up to 33 DMX channels):

| Mode/Channel | | | Decimal | | Hexad. | | Percentage | | S/F | Feature | Eigenschaft |
|--------------|-------|------|---------|-----|--------|----|------------|------|-----|---|---|
| St. | Basic | Ext. | | | | | | | | | |
| 1 | 1 | 1 | | | | | | | | Horizontal movement (PAN) | Horizontale Bewegung (PAN) |
| | | | 0 | 255 | 00 | FF | 0% | 100% | F | Push slider up in order to move the head horizontally (PAN). Gradual head adjustment from one end of the slider to the other (0-255, 128-center). The head can be stopped at any position you wish. | Wenn Sie den Regler verschieben, bewegen Sie den Kopf horizontal (PAN). Allmähliches Einstellen des Kopfes bei langsamen Schieben des Reglers (0-255, 128-Mitte). Der Kopf kann an jeder gewünschten Einstellung angehalten werden. |
| | | 2 | | | | | | | | PAN-movement with 16-bit resolution | PAN-Bewegung mit 16 Bit-Auflösung |
| | | | 0 | 255 | 00 | FF | 0% | 100% | F | Fine indexing | Feinindizierung |
| 2 | 2 | 3 | | | | | | | | Vertical movement (TILT) | Vertikale Bewegung (TILT) |
| | | | 0 | 255 | 00 | FF | 0% | 100% | F | Push slider up in order to move the head vertically (TILT). Gradual head adjustment from one end of the slider to the other (0-255, 128-center). The head can be stopped at any position you wish. | Wenn Sie den Regler verschieben, bewegen Sie den Kopf vertikal (TILT). Allmähliches Einstellen des Kopfes bei langsamen Schieben des Reglers (0-255, 128-Mitte). Der Kopf kann an jeder gewünschten Einstellung angehalten werden. |
| | | 4 | | | | | | | | TILT-movement with 16-bit resolution | TILT-Bewegung mit 16 Bit-Auflösung |
| | | | 0 | 255 | 00 | FF | 0% | 100% | F | Fine indexing | Feinindizierung |
| 3 | 3 | 5 | | | | | | | | PAN/TILT speed | Geschwindigkeit PAN-/TILT-Bewegung |
| | | | 0 | 255 | 00 | FF | 0% | 100% | F | Decreasing speed | Abnehmende Geschwindigkeit |
| | | 6 | | | | | | | | PAN/TILT function | Funktion PAN-/TILT-Bewegung |
| | | | 0 | 15 | 00 | 0F | 0% | 6% | S | Normal | Normal |
| | | | 16 | 31 | 10 | 1F | 6% | 12% | S | Blackout at PAN/TILT-movement | Blackout bei PAN-/TILT-Bewegung |
| | | | 32 | 255 | 20 | FF | 13% | 100% | S | No function | Keine Funktion |
| 4 | | 7 | | | | | | | | Shutter, strobe function | Funktion Shutter, Strobe |
| | | | 0 | 15 | 00 | 0F | 0% | 6% | S | Normal Shutter Functions | Normale Shutter Funktionen |
| | | | 16 | 31 | 10 | 1F | 6% | 12% | S | Opening pulse-effect | Öffnender Puls-Effekt |
| | | | 32 | 47 | 20 | 2F | 13% | 18% | S | Closing pulse-effect | Schließender Puls-Effekt |
| | | | 48 | 63 | 30 | 3F | 19% | 25% | S | Random strobe-effect | Strobe-Effekt über Zufallsgenerator |
| | | | 64 | 255 | 40 | FF | 25% | 100% | S | No function | Keine Funktion |
| | | | | | | | | | | Shutter, strobe | Shutter, Strobe |
| | | | | | | | | | | <i>Normal Shutter Functions</i> | <i>Normale Shutter Funktionen</i> |
| | | | 0 | 31 | 00 | 1F | 0% | 12% | S | Close | Geschlossen |
| | | | 32 | 223 | 20 | DF | 13% | 87% | F | Strobe-effect with increasing speed | Strobe-Effekt mit zunehmender Geschwindigkeit |
| | | | 224 | 255 | E0 | FF | 88% | 100% | S | Open | Offen |

| | | | | | | | | | | | |
|-----|-----|----|-----|-----|------|----|------------------------------------|--------------------------------|---|--|---|
| 5 | | 8 | | | | | Opening pulse-effect | | Öffnender Puls-Effekt | | |
| | | | 0 | 31 | 00 | 1F | 0% | 12% | S | Close | Geschlossen |
| | | | 32 | 223 | 20 | DF | 13% | 87% | F | Strobe-effect with increasing speed | Strobe-Effekt mit zunehmender Geschwindigkeit |
| | | | 224 | 255 | E0 | FF | 88% | 100% | S | Open | Offen |
| | | | | | | | Closing pulse-effect | | Schließender Puls-Effekt | | |
| | | | 0 | 31 | 00 | 1F | 0% | 12% | S | Close | Geschlossen |
| | | | 32 | 223 | 20 | DF | 13% | 87% | F | Strobe-effect with increasing speed | Strobe-Effekt mit zunehmender Geschwindigkeit |
| | | | 224 | 255 | E0 | FF | 88% | 100% | S | Open | Offen |
| | | | | | | | Random strobe-effect | | Strobe-Effekt über Zufallsgenerator | | |
| | | | 0 | 31 | 00 | 1F | 0% | 12% | S | Close | Geschlossen |
| | | | 32 | 223 | 20 | DF | 13% | 87% | F | Strobe-effect with increasing speed | Strobe-Effekt mit zunehmender Geschwindigkeit |
| | | | 224 | 255 | E0 | FF | 88% | 100% | S | Open | Offen |
| | 4 | | | | | | Shutter, strobe | | Shutter, Strobe | | |
| | | | 0 | 31 | 00 | 1F | 0% | 12% | S | Shutter closed | Shutter geschlossen |
| | | | 32 | 63 | 20 | 3F | 13% | 25% | S | No function (shutter open) | Keine Funktion (Shutter offen) |
| | | | 64 | 95 | 40 | 5F | 25% | 37% | F | Strobe-effect with increasing speed | Strobe-Effekt mit zunehmender Geschwindigkeit |
| | | | 96 | 127 | 60 | 7F | 38% | 50% | S | No function (shutter open) | Keine Funktion (Shutter offen) |
| | | | 128 | 159 | 80 | 9F | 50% | 62% | F | Pulse-effect in sequences | Puls-Effekt in Sequenzen |
| | | | 160 | 191 | A0 | BF | 63% | 75% | S | No function (shutter open) | Keine Funktion (Shutter offen) |
| | | | 192 | 223 | C0 | DF | 75% | 87% | F | Random strobe-effect with increasing speed | Strobe-Effekt über Zufallsgenerator mit zunehmender Geschwindigkeit |
| 224 | 255 | E0 | FF | 88% | 100% | S | No function (shutter open) | Keine Funktion (Shutter offen) | | | |
| 6 | 5 | 9 | | | | | Dimmer intensity | | Dimmerintensität | | |
| | | | 0 | 255 | 00 | FF | 0% | 100% | F | Gradual adjustment of the dimmer intensity from 0 to 100 % | Allmähliche Einstellung der Dimmerintensität von 0 bis 100 % |
| 7 | | 10 | | | | | Color function | | Funktion Farben | | |
| | | | 0 | 15 | 00 | 0F | 0% | 6% | S | No function | Keine Funktion |
| | | | 16 | 31 | 10 | 1F | 6% | 12% | S | Color temperature correction | Farbtemperaturkorrektur |
| | | | 32 | 47 | 20 | 2F | 13% | 18% | S | Forwards rainbow effect | Rainboweffekt vorwärts |
| | | | 48 | 63 | 30 | 3F | 19% | 25% | S | Backwards rainbow effect | Rainboweffekt rückwärts |
| | | | 64 | 79 | 40 | 4F | 25% | 31% | S | Color-change linear | Farbwechsel linear |
| | | | 80 | 111 | 50 | 6F | 31% | 44% | F | Color Bounce | Schneller Farbsprung |
| | | | 112 | 127 | 70 | 7F | 44% | 50% | S | Predefined colors | Vordefinierte Farben |
| 128 | 255 | 80 | FF | 50% | 100% | S | No function | Keine Funktion | | | |
| | | | | | | | Color presets 1 | | Farbvoreinstellungen 1 | | |
| | | | | | | | Color temperature correction | | Farbtemperaturkorrektur | | |
| | | | 0 | 223 | 00 | DF | 0% | 87% | S | Color temperature correction 2000 K - 2700 K | Farbtemperaturkorrektur 2000 K - 2700 K |
| | | | 224 | 231 | E0 | E7 | 88% | 91% | S | White 3200 K | Weiß 3200 K |
| | | | 232 | 239 | E8 | EF | 91% | 94% | S | White 4200 K | Weiß 4200 K |
| | | | 240 | 247 | F0 | F7 | 94% | 97% | S | White 5600 K | Weiß 5600 K |
| | | | 248 | 255 | F8 | FF | 97% | 100% | S | White 8000 K | Weiß 8000 K |
| | | | | | | | Forwards rainbow effect | | Rainboweffekt vorwärts | | |
| | | | 0 | 255 | 00 | FF | 0% | 100% | F | With increasing speed | Mit zunehmender Geschwindigkeit |
| | | | | | | | Backwards rainbow effect | | Rainboweffekt rückwärts | | |
| | | | 0 | 255 | 00 | FF | 0% | 100% | F | With increasing speed | Mit zunehmender Geschwindigkeit |
| | | | | | | | Color-change linear & Color Bounce | | Farbwechsel linear & Schneller Farbsprung | | |

| | | | | | | | | | | | |
|----|---|----|---|-----|----|----|-----|------|---|--|---|
| 8 | | 11 | 0 | 0 | 00 | 00 | 0% | 0% | S | Black | Schwarz |
| | | | 1 | 1 | 01 | 01 | 0% | 0% | S | Red | Rot |
| | | | 2 | 2 | 02 | 02 | 1% | 1% | S | Green | Grün |
| | | | 3 | 3 | 03 | 03 | 1% | 1% | S | Blue | Blau |
| | | | 4 | 4 | 04 | 04 | 2% | 2% | S | White | Weiß |
| | | | 5 | 46 | 05 | 2E | 2% | 18% | F | Red 0% / green increasing / blue 100% / white 0% | Rot 0% / Grün zunehmend / Blau 100% / Weiß 0% |
| | | | 47 | 88 | 2F | 58 | 18% | 34% | F | Red 0% / green 100% / blue decreasing / white 0% | Rot 0% / Grün 100% / Blau abnehmend / Weiß 0% |
| | | | 89 | 130 | 59 | 82 | 35% | 51% | F | Red increasing / green 100% / blue 0% / white 0% | Rot zunehmend / Grün 100% / Blau 0% / Weiß 0% |
| | | | 131 | 172 | 83 | AC | 51% | 67% | F | Red 100% / green decreasing / blue 0% / white 0% | Rot 100% / Grün abnehmend / Blau 0% / Weiß 0% |
| | | | 173 | 214 | AD | D6 | 67% | 84% | F | Red 100% / green 0% / blue increasing / white 0% | Rot 100% / Grün 0% / Blau zunehmend / Weiß 0% |
| | | | 215 | 255 | D7 | FF | 84% | 100% | F | Red decreasing / green 0% / blue 100% / white 0% | Rot abnehmend / Grün 0% / Blau 100% / Weiß 0% |
| | | | Predefined colors | | | | | | | | Vordefinierte Farben |
| | | | 0 | 27 | 00 | 1B | 0% | 0% | S | Color 1 (open) | Farbe 1 (offen) |
| | | | 28 | 55 | 1C | 37 | 0% | 0% | S | Color 2 | Farbe 2 |
| | | | 56 | 83 | 38 | 53 | 1% | 1% | S | Color 3 | Farbe 3 |
| | | | 84 | 111 | 54 | 6F | 1% | 1% | S | Color 4 | Farbe 4 |
| | | | 112 | 139 | 70 | 8B | 2% | 2% | S | Color 5 | Farbe 5 |
| | | | 140 | 167 | 8C | A7 | 2% | 18% | S | Color 6 | Farbe 6 |
| | | | 168 | 195 | A8 | C3 | 18% | 34% | S | Color 7 | Farbe 7 |
| | | | 196 | 223 | C4 | DF | 35% | 51% | S | Color 8 | Farbe 8 |
| | | | 224 | 255 | E0 | FF | 51% | 67% | S | Color 9 | Farbe 9 |
| 9 | | 12 | Color presets 2 (only for Color Bounce) | | | | | | | | Farbvoreinstellungen 2 (nur für schnellen Farbsprung) |
| | | | Color Bounce | | | | | | | | Schneller Farbsprung |
| | | | 0 | 0 | 00 | 00 | 0% | 0% | S | Black | Schwarz |
| | | | 1 | 1 | 01 | 01 | 0% | 0% | S | Red | Rot |
| | | | 2 | 2 | 02 | 02 | 1% | 1% | S | Green | Grün |
| | | | 3 | 3 | 03 | 03 | 1% | 1% | S | Blue | Blau |
| | | | 4 | 4 | 04 | 04 | 2% | 2% | S | White | White |
| | | | 5 | 46 | 05 | 2E | 2% | 18% | F | Red 0% / green increasing / blue 100% / white 0% | Rot 0% / Grün zunehmend / Blau 100% / Weiß 0% |
| | | | 47 | 88 | 2F | 58 | 18% | 35% | F | Red 0% / green 100% / blue decreasing / white 0% | Rot 0% / Grün 100% / Blau abnehmend / Weiß 0% |
| | | | 89 | 130 | 59 | 82 | 35% | 51% | F | Red increasing / green 100% / blue 0% / white 0% | Rot zunehmend / Grün 100% / Blau 0% / Weiß 0% |
| | | | 131 | 172 | 83 | AC | 51% | 67% | F | Red 100% / green decreasing / blue 0% / white 0% | Rot 100% / Grün abnehmend / Blau 0% / Weiß 0% |
| | | | 173 | 214 | AD | D6 | 68% | 84% | F | Red 100% / green 0% / blue increasing / white 0% | Rot 100% / Grün 0% / Blau zunehmend / Weiß 0% |
| | | | 215 | 255 | D7 | FF | 84% | 100% | F | Red decreasing / green 0% / blue 100% / white 0% | Rot abnehmend / Grün 0% / Blau 100% / Weiß 0% |
| 10 | 6 | 13 | Red | | | | | | | | Rot |
| | | | 0 | 255 | 00 | FF | 0% | 100% | F | Red 0 - 100 % increasing | Rot 0 - 100 % zunehmend |
| | | 14 | Red fine | | | | | | | | Rot fein |
| | | | 0 | 255 | 00 | FF | 0% | 100% | F | Red with 16-bit resolution | Rot mit 16 Bit-Auflösung |
| 11 | 7 | 15 | Green | | | | | | | | Grün |
| | | | 0 | 255 | 00 | FF | 0% | 100% | F | Green 0 - 100 % increasing | Grün 0 - 100 % zunehmend |
| | | 16 | Green fine | | | | | | | | Grün fein |
| | | | 0 | 255 | 00 | FF | 0% | 100% | F | Green with 16-bit resolution | Grün mit 16 Bit-Auflösung |

| | | | | | | | | | | | |
|----|---|----|-----|-----|----|----|-----|------|---|--|---|
| 12 | 8 | 17 | | | | | | | | Blue | |
| | | | 0 | 255 | 00 | FF | 0% | 100% | F | Blue 0 - 100 % increasing | Blau |
| | | 18 | | | | | | | | Blue fine | |
| | | | 0 | 255 | 00 | FF | 0% | 100% | F | Blue with 16-bit resolution | Blau fein |
| 13 | 9 | 19 | | | | | | | | White | |
| | | | 0 | 255 | 00 | FF | 0% | 100% | F | White 0 - 100 % increasing | Weiß |
| | | 20 | | | | | | | | White fine | |
| | | | 0 | 255 | 00 | FF | 0% | 100% | F | White with 16-bit resolution | Weiß fein |
| 14 | | 21 | | | | | | | | Rotating gobo-wheel, gobo-shake function | Funktion rotierendes Goborad, Gobo-Shake |
| | | | 0 | 15 | 00 | 0F | 0% | 6% | S | Normal gobo-change | Normaler Gobowechsel |
| | | | 16 | 31 | 10 | 1F | 6% | 12% | S | Blackout at gobo-change | Blackout bei Gobowechsel |
| | | | 32 | 47 | 20 | 2F | 13% | 18% | S | Rotating gobo-wheel forwards | Rotierendes Goborad vorwärts |
| | | | 48 | 63 | 30 | 3F | 19% | 25% | S | Rotating gobo-wheel backwards | Rotierendes Goborad rückwärts |
| | | | 64 | 79 | 40 | 4F | 25% | 31% | S | Gobo-change at every position | Gobowechsel an jeder Position |
| | | | 80 | 95 | 50 | 5F | 31% | 37% | S | Gobo-shake | Gobo-Shake |
| | | | 96 | 255 | 60 | FF | 38% | 100% | S | No function | Keine Funktion |
| 15 | | 22 | | | | | | | | Rotating gobo-wheel, gobo-shake | Rotierendes Goborad, Gobo-Shake |
| | | | | | | | | | | <i>Normal gobo-change / Blackout at gobo-change / gobo-shake</i> | <i>Normaler Gobowechsel / Blackout bei Gobowechsel / Gobo-Shake</i> |
| | | | 0 | 31 | 00 | 1F | 0% | 12% | S | Open | Offen |
| | | | 32 | 63 | 20 | 3F | 13% | 25% | S | Position 1 | Position 1 |
| | | | 64 | 95 | 40 | 5F | 25% | 37% | S | Position 2 | Position 2 |
| | | | 96 | 127 | 60 | 7F | 38% | 50% | S | Position 3 | Position 3 |
| | | | 128 | 159 | 80 | 9F | 50% | 62% | S | Position 4 | Position 4 |
| | | | 160 | 191 | A0 | BF | 63% | 75% | S | Position 5 | Position 5 |
| | | | 192 | 223 | C0 | DF | 75% | 87% | S | Position 6 | Position 6 |
| | | | 224 | 255 | E0 | FF | 88% | 100% | S | Position 7 | Position 7 |
| | | | | | | | | | | <i>Rotating gobo-wheel forwards</i> | <i>Rotierendes Goborad vorwärts</i> |
| | | | 0 | 7 | 00 | 07 | 0% | 3% | S | Stop | Stop |
| | | | 8 | 255 | 08 | FF | 3% | 100% | F | With increasing speed | Mit zunehmender Geschwindigkeit |
| | | | | | | | | | | <i>Rotating gobo-wheel backwards</i> | <i>Rotierendes Goborad rückwärts</i> |
| | | | 0 | 7 | 00 | 07 | 0% | 3% | S | Stop | Stop |
| | | | 8 | 255 | 08 | FF | 3% | 100% | F | With increasing speed | Mit zunehmender Geschwindigkeit |
| | | | | | | | | | | <i>Gobo-change at every position</i> | <i>Gobowechsel an jeder Position</i> |
| | | | 0 | 255 | 00 | FF | 0% | 100% | F | Positioning from 0 - 360 degrees | Positionierung von 0 - 360 Grad |
| | | | | | | | | | | Rotating gobo-wheel, gobo-shake | Rotierendes Goborad, Gobo-Shake |
| | | | | | | | | | | <i>Normal gobo-change</i> | <i>Normaler Gobowechsel</i> |
| | | | 0 | 5 | 00 | 05 | 0% | 2% | S | Open | Offen |
| | | | 6 | 11 | 06 | 0B | 2% | 4% | S | Position 1 | Position 1 |
| | | | 12 | 17 | 0C | 11 | 5% | 7% | S | Position 2 | Position 2 |
| | | | 18 | 23 | 12 | 17 | 7% | 9% | S | Position 3 | Position 3 |
| | | | 24 | 29 | 18 | 1D | 9% | 11% | S | Position 4 | Position 4 |
| | | | 30 | 35 | 1E | 23 | 12% | 14% | S | Position 5 | Position 5 |
| | | | 36 | 41 | 24 | 29 | 14% | 16% | S | Position 6 | Position 6 |
| | | | 42 | 47 | 2A | 2F | 16% | 18% | S | Position 7 | Position 7 |
| | | | | | | | | | | <i>Blackout at gobo-change</i> | <i>Blackout bei Gobowechsel</i> |
| | | | 48 | 53 | 30 | 35 | 19% | 21% | S | Open | Offen |
| | | | 54 | 59 | 36 | 3B | 21% | 23% | S | Position 1 | Position 1 |
| | | | 60 | 65 | 3C | 41 | 24% | 25% | S | Position 2 | Position 2 |
| | | | 66 | 71 | 42 | 47 | 26% | 28% | S | Position 3 | Position 3 |
| | | | 72 | 77 | 48 | 4D | 28% | 30% | S | Position 4 | Position 4 |

| | | | | | | | | | | | |
|----|--|----|--|-----|----|----|-----|------|---|--------------------------------------|---|
| 10 | | | 78 | 83 | 4E | 53 | 31% | 33% | S | Position 5 | Position 5 |
| | | | 84 | 89 | 54 | 59 | 33% | 35% | S | Position 6 | Position 6 |
| | | | 90 | 95 | 5A | 5F | 35% | 37% | S | Position 7 | Position 7 |
| | | | 96 | 97 | 60 | 61 | 38% | 38% | S | Open | Offen |
| | | | <i>Gobo-shake</i> | | | | | | | | <i>Gobo-Shake</i> |
| | | | 98 | 115 | 62 | 73 | 38% | 45% | F | Position 1 | Position 1 |
| | | | 116 | 133 | 74 | 85 | 45% | 52% | F | Position 2 | Position 2 |
| | | | 134 | 151 | 86 | 97 | 53% | 59% | F | Position 3 | Position 3 |
| | | | 152 | 169 | 98 | A9 | 60% | 66% | F | Position 4 | Position 4 |
| | | | 170 | 187 | AA | BB | 67% | 73% | F | Position 5 | Position 5 |
| | | | 188 | 205 | BC | CD | 74% | 80% | F | Position 6 | Position 6 |
| | | | 206 | 223 | CE | DF | 81% | 87% | F | Position 7 | Position 7 |
| | | | <i>Rotating gobo-wheel forwards</i> | | | | | | | | <i>Rotierendes Goborad vorwärts</i> |
| | | | 224 | 224 | E0 | E0 | 88% | 88% | S | Stop | Stop |
| | | | 225 | 239 | E1 | EF | 88% | 94% | F | With increasing speed | Mit zunehmender Geschwindigkeit |
| | | | <i>Rotating gobo-wheel backwards</i> | | | | | | | | <i>Rotierendes Goborad rückwärts</i> |
| | | | 240 | 240 | F0 | F0 | 94% | 94% | S | Stop | Stop |
| | | | 241 | 255 | F1 | FF | 95% | 100% | F | With increasing speed | Mit zunehmender Geschwindigkeit |
| 16 | | 23 | Rotating gobo-wheel, gobo rotation | | | | | | | | Rotierendes Goborad, Gobo-Rotation |
| | | | 0 | 15 | 00 | 0F | 0% | 6% | S | Gobo indexing | Goboindizierung |
| | | | 16 | 31 | 10 | 1F | 6% | 12% | S | Rotating gobo-wheel forwards | Rotierendes Goborad vorwärts |
| | | | 32 | 47 | 20 | 2F | 13% | 18% | S | Rotating gobo-wheel backwards | Rotierendes Goborad rückwärts |
| | | | 48 | 63 | 30 | 3F | 19% | 25% | S | Motion macro forwards | Bewegungsmakro vorwärts |
| | | | 64 | 79 | 40 | 4F | 25% | 31% | S | Motion macro forwards with blackout | Bewegungsmakro vorwärts mit Blackout |
| | | | 80 | 95 | 50 | 5F | 31% | 37% | S | Motion macro backwards | Bewegungsmakro rückwärts |
| | | | 96 | 111 | 60 | 6F | 38% | 44% | S | Motion macro backwards with blackout | Bewegungsmakro rückwärts mit Blackout |
| | | | 112 | 255 | 70 | FF | 44% | 100% | S | No function | Keine Funktion |
| 17 | | 24 | Rotating gobo-wheel, gobo speed | | | | | | | | Rotierendes Goborad, Gobo-Geschwindigkeit |
| | | | <i>Gobo indexing</i> | | | | | | | | <i>Goboindizierung</i> |
| | | | 0 | 255 | 00 | FF | 0% | 100% | F | Positioning from 0 - 360 degrees | Positionierung von 0 - 360 Grad |
| | | | <i>Rotating gobo-wheel forwards</i> | | | | | | | | <i>Rotierendes Goborad vorwärts</i> |
| | | | 0 | 7 | 00 | 07 | 0% | 3% | S | Stop | Stop |
| | | | 8 | 255 | 08 | FF | 3% | 100% | F | With increasing speed | Mit zunehmender Geschwindigkeit |
| | | | <i>Rotating gobo-wheel backwards</i> | | | | | | | | <i>Rotierendes Goborad rückwärts</i> |
| | | | 0 | 7 | 00 | 07 | 0% | 3% | S | Stop | Stop |
| | | | 8 | 255 | 08 | FF | 3% | 100% | F | With increasing speed | Mit zunehmender Geschwindigkeit |
| | | | <i>Motion macro forwards & motion macro forwards with blackout</i> | | | | | | | | <i>Bewegungsmakro vorwärts & Bewegungsmakro vorwärts mit Blackout</i> |
| | | | 0 | 255 | 00 | FF | 0% | 100% | F | With increasing speed | Mit zunehmender Geschwindigkeit |
| | | | <i>Motion macro backwards & motion macro backwards with blackout</i> | | | | | | | | <i>Bewegungsmakro rückwärts & Bewegungsmakro rückwärts mit Blackout</i> |
| 11 | | | 0 | 255 | 00 | FF | 0% | 100% | F | With increasing speed | Mit zunehmender Geschwindigkeit |
| | | | Rotating gobo-wheel, gobo speed | | | | | | | | Rotierendes Goborad, Gobo-Geschwindigkeit |
| | | | <i>Gobo indexing</i> | | | | | | | | <i>Goboindizierung</i> |
| | | | 0 | 191 | 00 | BF | 0% | 75% | F | Positioning from 0 - 360 degrees | Positionierung von 0 - 360 Grad |
| | | | <i>Motion macro forwards</i> | | | | | | | | <i>Bewegungsmakro vorwärts</i> |
| | | | 192 | 207 | C0 | CF | 75% | 81% | F | With increasing speed | Mit zunehmender Geschwindigkeit |
| | | | <i>Motion macro forwards</i> | | | | | | | | <i>Bewegungsmakro vorwärts</i> |
| | | | 208 | 223 | D0 | DF | 82% | 87% | F | With increasing speed | Mit zunehmender Geschwindigkeit |
| | | | <i>Rotating gobo forwards</i> | | | | | | | | <i>Goborotation vorwärts</i> |
| | | | 224 | 224 | E0 | E0 | 88% | 88% | S | Stop | Stop |
| | | | 225 | 239 | E1 | EF | 88% | 94% | F | With increasing speed | Mit zunehmender Geschwindigkeit |
| | | | <i>Rotating gobo backwards</i> | | | | | | | | <i>Goborotation rückwärts</i> |
| | | | 240 | 240 | F0 | F0 | 94% | 94% | S | Stop | Stop |

| | | | | | | | | | | | |
|----|----|--|-----|-----|----|----|-----|------|---|--|---|
| | | | 241 | 255 | F1 | FF | 95% | 100% | F | With increasing speed | Mit zunehmender Geschwindigkeit |
| 18 | 25 | | | | | | | | | Static gobo-wheel, gobo-shake function | Funktion statisches Goborad, Gobo-Shake |
| | | | 0 | 15 | 00 | 0F | 0% | 6% | S | Normal gobo-change | Normaler Gobowechsel |
| | | | 16 | 31 | 10 | 1F | 6% | 12% | S | Blackout at gobo-change | Blackout bei Gobowechsel |
| | | | 32 | 47 | 20 | 2F | 13% | 18% | S | Rotating gobo-wheel forwards | Rotierendes Goborad vorwärts |
| | | | 48 | 63 | 30 | 3F | 19% | 25% | S | Rotating gobo-wheel backwards | Rotierendes Goborad rückwärts |
| | | | 64 | 79 | 40 | 4F | 25% | 31% | S | Gobo-change at every position | Gobowechsel an jeder Position |
| | | | 80 | 95 | 50 | 5F | 31% | 37% | S | Gobo-shake | Gobo-Shake |
| | | | 96 | 255 | 60 | FF | 38% | 100% | S | No function | Keine Funktion |
| 19 | 26 | | | | | | | | | Static gobo-wheel, gobo-shake | Statisches Goborad, Gobo-Shake |
| | | | | | | | | | | <i>Normal gobo-change / Blackout at gobo-change / gobo-shake</i> | <i>Normaler Gobowechsel / Blackout bei Gobowechsel / Gobo-Shake</i> |
| | | | 0 | 31 | 00 | 1F | 0% | 12% | S | Open | Offen |
| | | | 32 | 63 | 20 | 3F | 13% | 25% | S | Position 1 | Position 1 |
| | | | 64 | 95 | 40 | 5F | 25% | 37% | S | Position 2 | Position 2 |
| | | | 96 | 127 | 60 | 7F | 38% | 50% | S | Position 3 | Position 3 |
| | | | 128 | 159 | 80 | 9F | 50% | 62% | S | Position 4 | Position 4 |
| | | | 160 | 191 | A0 | BF | 63% | 75% | S | Position 5 | Position 5 |
| | | | 192 | 223 | C0 | DF | 75% | 87% | S | Position 6 | Position 6 |
| | | | 224 | 255 | E0 | FF | 88% | 100% | S | Position 7 | Position 7 |
| | | | | | | | | | | <i>Rotating gobo-wheel forwards</i> | <i>Rotierendes Goborad vorwärts</i> |
| | | | 0 | 7 | 00 | 07 | 0% | 3% | S | Stop | Stop |
| | | | 8 | 255 | 08 | FF | 3% | 100% | F | With increasing speed | Mit zunehmender Geschwindigkeit |
| | | | | | | | | | | <i>Rotating gobo-wheel backwards</i> | <i>Rotierendes Goborad rückwärts</i> |
| | | | 0 | 7 | 00 | 07 | 0% | 3% | S | Stop | Stop |
| | | | 8 | 255 | 08 | FF | 3% | 100% | F | With increasing speed | Mit zunehmender Geschwindigkeit |
| | | | | | | | | | | <i>Gobo-change at every position</i> | <i>Gobowechsel an jeder Position</i> |
| | | | 0 | 255 | 00 | FF | 0% | 100% | F | Positioning from 0 - 360 degrees | Positionierung von 0 - 360 Grad |
| 12 | | | | | | | | | | Static gobo-wheel, gobo-shake | Statisches Goborad, Gobo-Shake |
| | | | | | | | | | | <i>Normal gobo-change / Blackout at gobo-change / gobo-shake</i> | <i>Normaler Gobowechsel / Blackout bei Gobowechsel / Gobo-Shake</i> |
| | | | 0 | 5 | 00 | 05 | 0% | 2% | S | Open | Offen |
| | | | 6 | 11 | 06 | 0B | 2% | 4% | S | Position 1 | Position 1 |
| | | | 12 | 17 | 0C | 11 | 5% | 7% | S | Position 2 | Position 2 |
| | | | 18 | 23 | 12 | 17 | 7% | 9% | S | Position 3 | Position 3 |
| | | | 24 | 29 | 18 | 1D | 9% | 11% | S | Position 4 | Position 4 |
| | | | 30 | 35 | 1E | 23 | 12% | 14% | S | Position 5 | Position 5 |
| | | | 36 | 41 | 24 | 29 | 14% | 16% | S | Position 6 | Position 6 |
| | | | 42 | 47 | 2A | 2F | 16% | 18% | S | Position 7 | Position 7 |
| | | | | | | | | | | <i>Blackout at gobo-change</i> | <i>Blackout bei Gobowechsel</i> |
| | | | 48 | 53 | 30 | 35 | 19% | 21% | S | Open | Offen |
| | | | 54 | 59 | 36 | 3B | 21% | 23% | S | Position 1 | Position 1 |
| | | | 60 | 65 | 3C | 41 | 24% | 25% | S | Position 2 | Position 2 |
| | | | 66 | 71 | 42 | 47 | 26% | 28% | S | Position 3 | Position 3 |
| | | | 72 | 77 | 48 | 4D | 28% | 30% | S | Position 4 | Position 4 |
| | | | 78 | 83 | 4E | 53 | 31% | 33% | S | Position 5 | Position 5 |
| | | | 84 | 89 | 54 | 59 | 33% | 35% | S | Position 6 | Position 6 |
| | | | 90 | 95 | 5A | 5F | 35% | 37% | S | Position 7 | Position 7 |
| | | | 96 | 97 | 60 | 61 | 38% | 38% | S | Open | Offen |
| | | | | | | | | | | <i>Gobo-shake</i> | <i>Gobo-Shake</i> |
| | | | 98 | 115 | 62 | 73 | 38% | 45% | F | Position 1 | Position 1 |
| | | | 116 | 133 | 74 | 85 | 45% | 52% | F | Position 2 | Position 2 |
| | | | 134 | 151 | 86 | 97 | 53% | 59% | F | Position 3 | Position 3 |
| | | | 152 | 169 | 98 | A9 | 60% | 66% | F | Position 4 | Position 4 |

| | | | | | | | | | | | |
|----|----|----|---|-----|----|----|-----|------|---|---|---|
| | | | 170 | 187 | AA | BB | 67% | 73% | F | Position 5 | Position 5 |
| | | | 188 | 205 | BC | CD | 74% | 80% | F | Position 6 | Position 6 |
| | | | 206 | 223 | CE | DF | 81% | 87% | F | Position 7 | Position 7 |
| | | | <i>Rotating gobo-wheel forwards</i> | | | | | | | | <i>Rotierendes Goborad vorwärts</i> |
| | | | 224 | 224 | E0 | E0 | 88% | 88% | S | Stop | Stop |
| | | | 225 | 239 | E1 | EF | 88% | 94% | F | With increasing speed | Mit zunehmender Geschwindigkeit |
| | | | <i>Rotating gobo-wheel backwards</i> | | | | | | | | <i>Rotierendes Goborad rückwärts</i> |
| | | | 240 | 240 | F0 | F0 | 94% | 94% | S | Stop | Stop |
| | | | 241 | 255 | F1 | FF | 95% | 100% | F | With increasing speed | Mit zunehmender Geschwindigkeit |
| | | | Prism | | | | | | | | Prisma |
| 20 | 13 | 27 | 0 | 63 | 00 | 3F | 0% | 25% | S | Open | Offen |
| | | | 64 | 127 | 40 | 7F | 25% | 50% | S | 3 facet prism | 3-Facetten-Prisma |
| | | | 128 | 191 | 80 | BF | 50% | 75% | S | 8 facet prism | 8-Facetten-Prisma |
| | | | 192 | 255 | C0 | FF | 75% | 100% | S | Frost | Frost |
| | | | Prism rotation | | | | | | | | Prismenrotation |
| 21 | 14 | 28 | <i>Rotating prism forwards</i> | | | | | | | | <i>Rotierendes Prisma vorwärts</i> |
| | | | 0 | 127 | 00 | 7F | 0% | 50% | F | With increasing speed (stop to fastest speed) | Mit zunehmender Geschwindigkeit (Stop bis schnellste Geschwindigkeit) |
| | | | <i>Rotating prism backwards</i> | | | | | | | | <i>Rotierendes Prisma rückwärts</i> |
| | | | 128 | 255 | 80 | FF | 50% | 100% | F | With increasing speed (stop to fastest speed) | Mit zunehmender Geschwindigkeit (Stop bis schnellste Geschwindigkeit) |
| 22 | | 29 | Focus function | | | | | | | | Funktion Fokus |
| | | | 0 | 15 | 00 | 0F | 0% | 6% | F | Continuous adjustment from near to far | Allmähliche Einstellung von nah bis weit |
| | | | 16 | 31 | 10 | 1F | 6% | 12% | S | 5 m Auto Focus (focus on gobos and iris) | 5 m Autofokus (Fokussieren auf Gobos und Iris) |
| | | | 32 | 47 | 20 | 2F | 13% | 18% | S | 7.5 m Auto Focus (focus on gobos and iris) | 7,5 m Autofokus (Fokussieren auf Gobos und Iris) |
| | | | 48 | 63 | 30 | 3F | 19% | 25% | S | 10 m Auto Focus (focus on gobos and iris) | 10 m Autofokus (Fokussieren auf Gobos und Iris) |
| | | | 64 | 95 | 40 | 5F | 25% | 37% | S | 15 m Auto Focus (focus on gobos and iris) | 15 m Autofokus (Fokussieren auf Gobos und Iris) |
| | | | 96 | 127 | 60 | 7F | 38% | 50% | S | > 20 m Auto Focus (focus on gobos and iris) | > 20 m Autofokus (Fokussieren auf Gobos und Iris) |
| | | | 128 | 255 | 80 | FF | 50% | 100% | S | No function | Keine Funktion |
| 23 | 15 | 30 | Focus | | | | | | | | Fokus |
| | | | <i>Continuous adjustment from near to far</i> | | | | | | | | <i>Allmähliche Einstellung von nah bis weit</i> |
| | | | 0 | 255 | 00 | FF | 0% | 100% | F | Near to far | Nah bis weit |
| | | | <i>Auto Focus</i> | | | | | | | | <i>Autofokus</i> |
| 24 | | 31 | 0 | 255 | 00 | FF | 0% | 100% | F | Near to far fine | Feinfokussierung nah bis weit |
| | | | Iris function | | | | | | | | Funktion Iris |
| | | | 0 | 15 | 00 | 0F | 0% | 6% | F | Iris indexing | Irisindizierung |
| | | | 16 | 31 | 10 | 1F | 6% | 12% | F | Pulse opening with increasing speed | Öffnender Pulseffekt mit zunehmender Geschwindigkeit |
| | | | 32 | 47 | 20 | 2F | 13% | 18% | F | Pulse opening with decreasing speed | Öffnender Pulseffekt mit abnehmender Geschwindigkeit |
| | | | 48 | 63 | 30 | 3F | 19% | 25% | F | Pulse closing with increasing speed | Schließender Pulseffekt mit zunehmender Geschwindigkeit |
| | | | 64 | 95 | 40 | 5F | 25% | 37% | F | Pulse closing with decreasing speed | Schließender Pulseffekt mit abnehmender Geschwindigkeit |
| 25 | | 32 | 96 | 255 | 60 | FF | 38% | 100% | S | No function | Keine Funktion |
| | | | Iris | | | | | | | | Iris |
| | | | <i>Iris indexing</i> | | | | | | | | <i>Irisindizierung</i> |
| | | | 0 | 255 | 00 | FF | 0% | 100% | F | Max. diameter to min. diameter | Allmähliche Einstellung de Durchmessers von Max. nach Min. |
| | | | <i>Pulse opening / pulse closing</i> | | | | | | | | <i>Öffnender Pulseffekt / schließender Pulseffekt</i> |
| | | | 0 | 255 | 00 | FF | 0% | 100% | F | <i>Pulse with increasing speed</i> | Pulseffekt mit zunehmender Geschwindigkeit |
| | | | Iris function | | | | | | | | Funktion Iris |
| | | | 0 | 191 | 00 | BF | 0% | 75% | F | Iris indexing | Irisindizierung |

| | | | | | | | | | | | |
|----|----|----|-----|-----|----|----|-----|------|------------------------|-------------------------------------|---|
| | 16 | | 192 | 207 | C0 | CF | 75% | 81% | F | Pulse opening with increasing speed | Öffnender Pulseffekt mit zunehmender Geschwindigkeit |
| | | | 208 | 223 | D0 | DF | 82% | 87% | F | Pulse opening with decreasing speed | Öffnender Pulseffekt mit abnehmender Geschwindigkeit |
| | | | 224 | 239 | E0 | EF | 88% | 94% | F | Pulse closing with increasing speed | Schließender Pulseffekt mit zunehmender Geschwindigkeit |
| | | | 240 | 255 | F0 | FF | 94% | 100% | F | Pulse closing with decreasing speed | Schließender Pulseffekt mit abnehmender Geschwindigkeit |
| 26 | | 33 | | | | | | | Reset, display control | | Reset, Displaysteuerung |
| | | | 0 | 7 | 00 | 07 | 0% | 3% | S | No function | Keine Funktion |
| | | | 8 | 15 | 08 | 0F | 3% | 6% | S | Reset all motors | Reset Alle |
| | | | 16 | 23 | 10 | 17 | 6% | 9% | S | Reset only PAN/TILT | Reset PAN/TILT |
| | | | 24 | 31 | 18 | 1F | 9% | 12% | S | No function | Keine Funktion |
| | | | 32 | 39 | 20 | 27 | 13% | 15% | S | Reset only gobo | Reset Gobos |
| | | | 40 | 47 | 28 | 2F | 16% | 18% | S | No function | Keine Funktion |
| | | | 48 | 55 | 30 | 37 | 19% | 22% | S | Reset other motors | Reset Übrige |
| | | | 56 | 63 | 38 | 3F | 22% | 25% | S | Display Off | Display aus |
| | | | 64 | 71 | 40 | 47 | 25% | 28% | S | Display On | Display an |
| | | | 72 | 87 | 48 | 57 | 28% | 34% | S | No function | Keine Funktion |
| | | | 88 | 95 | 58 | 5F | 35% | 37% | S | Hibernation | Standby-Modus |
| | | | 96 | 255 | 60 | FF | 38% | 100% | S | No function | Keine Funktion |

