

DMX Channel Index



From Software Version .78



**GERMAN LIGHT
PRODUCTS**

Normal Mode (23 DMX Channels)

Channel	Function	Time & Value	Percent ¹	DMX
1 Pan, MSB	coarse pan (high/8-bit)	0-630°	0-100%	0-255
2 Pan, LSB	fine pan (low/16-bit)		0-100%	0-255
3 Tilt, MSB	coarse tilt (high/8-bit)	0-280°	0-100%	0-255
4 Tilt, LSB	fine tilt (low/16-bit)		0-100%	0-255
5 Color Wheel	color wheel position and rotation	(1) open (2) primary red (3) primary blue (4) CTO 4200 (5) CTO 3200 (6) CTO 5600 (7) half minus green (8) light frost (9) nice vivid pink (10) cyan (11) medium orange (12) Congo blue color scroll / split colors negative rotation, fast to slow rotation stop positive rotation, slow to fast	0-1% 2% 4% 5% 7% 8% 10% 12% 13% 15% 16% 18% 19-65% 66-82% 83% 84-100%	0-3 4-7 8-11 12-15 16-19 20-23 24-27 28-31 32-35 36-39 40-43 44-47 48-167 168-211 212 213-255
6 Cyan	cyan color mixing	no cyan to full cyan	0-100%	0-255
7 Magenta	magenta color mixing	no magenta to full magenta	0-100%	0-255
8 Yellow	yellow color mixing	no yellow to full yellow	0-100%	0-255
9 Gobo Wheel 1	rotating gobo selection	(1) Open (2) Pick Up Sticks (3) Window Grills (4) Dotted Lines (5) Square Outline (6) Fan Flags (7) Linear (8) Speckle (9) Explosion	0-12% 14-23% 24-33% 35-44% 46-54% 56-65% 66-75% 77-86% 88-100%	0-33 34-60 61-87 88-114 115-140 141-167 168-194 195-221 222-255
10 Gobo Indexing & Rotation, MSB	coarse control (high/8-bit)	coarse indexing, 0-360° negative rotation, fast to slow rotation stop positive rotation, slow to fast	0-49% 50-74% 75% 76-100%	0-127 128-191 192 193-255
11 Gobo Indexing & Rotation, LSB	fine control (low/16-bit)	fine indexing/rotation speed	0-100%	0-255
12 Gobo Wheel 2	fixed gobo selection	(1) open (2) gobo 01 (3) gobo 02 (4) gobo 03 (5) gobo 04 (6) gobo 05 (7) gobo 06 (8) gobo 07 (9) gobo 08 (10) gobo 09 (11) gobo 10 (12) gobo 11 (13) gobo 12 (14) gobo 13 (15) gobo 14 (16) gobo 15 (17) gobo 16 (18) gobo 17	0-1% 2% 4% 5% 7% 8% 10% 12% 13% 15% 16% 18% 19% 21% 22% 24% 25% 27%	0-3 4-7 8-11 12-15 16-19 20-23 24-27 28-31 32-35 36-39 40-43 44-47 48-51 52-55 56-59 60-63 64-67 68-71

		(19) gobo 18 (20) gobo 19 negative rotation, fast to slow rotation stop positive rotation, slow to fast	29% 30% 32-65% 66% 67-100%	72-75 76-79 80-167 168 169-255
13 Shutter	shutter and strobe effects	closed random pulse, slow to fast fade-in pulse, rnd slow to fast fade-out pulse, rnd slow to fast fade-in/out pulse, rnd slow to fast flash, delayed 5 sec. to 1 sec. strobe effect, 1 to 10 Hz shutter open	0-5% 7-18% 19-30% 32-43% 44-55% 56-77% 79-93% 94-100%	0-15 16-47 48-79 80-111 112-143 144-199 200-239 240-255
14 Dimmer	dimmer	open to closed	0-100%	0-255
15 Focus, MSB	coarse focus (low/8-bit)	near to infinity	0-100%	0-255
16 Focus, LSB	fine focus (high/16-bit)	near to far	0-100%	0-255
17 Zoom	zoom angle	zoom angle, wide to near beam mode	0-91% 92-100%	0-234 235-255
18 Frost	insert frost filter	full out to full in	0-100%	0-255
19 Prism	prism selection	open (no prism) 8-facet 3- facet 4-facet linear	0-25% 26-49% 50-73% 74-100%	0-66 67-127 128-188 189-255
20 Prism Rotation	prism indexing and rotation	index 0-360° negative rotation, fast to slow rotation stop positive rotation, slow to fast	0-49% 50-74% 75% 76-100%	0-127 128-191 192 193-255
21 Effect Wheel	insert effect wheel	full out to full in	0-100%	0-255
22 Effect Wheel Rotation	effect wheel rotation	rotation stop negative rotation, fast to slow rotation stop positive rotation, slow to fast	0% 1-49% 50% 51-100%	0 1-127 128 129-255
23 Control Channel	fixture control: set to level 0 before sending command, hold command for 3 seconds	enable commands reserved new CMY curve old CMY curve reset head (only) lamp off no function lamp on Esoff dimmer curve linear dimmer curve disable position feedback enable position feedback disable DMX hold enable DMX hold zoom inverse, Off zoom inverse, On tilt inverse, Off tilt inverse, On pan inverse, Off pan inverse, On factory defaults fixture reset	0% 1-68% 69% 71% 72% 74% 76% 77% 79% 80% 82% 83% 85% 87% 88% 90% 91% 93% 94% 96% 97% 99-100%	0 1-175 176-179 180-183 184-187 188-191 192-195 196-199 200-203 204-207 208-211 212-215 216-219 220-223 224-227 228-231 232-235 236-239 240-243 244-247 248-251 252-255

¹ Percent values are calculated by dividing DMX levels by 2.56 and rounding. When rounding causes a percent value to span two commands, the percent range is compressed.

