

DMX Channel Values (16 Bit)

DEFAULT	VALUE	FUNCTION
1	000 ⇌ 255	Pan Left > Right (128 = center)
2	000 ⇌ 255	Tilt (Q-Scan 250) Up > Down (128 = center)
	000 ⇌ 005	Barrel Spin (Q-Roll 250) Stop
	006 ⇌ 120	Rotation: Fast > Slow (clockwise)
	121 ⇌ 140	Stop
	141 ⇌ 255	Rotation: Slow > Fast (counter-clockwise)
3	000 ⇌ 005	Shutter/Strobe/Dimmer Blackout
	006 ⇌ 063	Dimmer: Closed > Open (0-100%)
	064 ⇌ 095	Variable strobe: Slow > Fast
	096 ⇌ 127	Open
	128 ⇌ 159	(no function)
	160 ⇌ 191	Pulse strobe in sequence: Slow > Fast (Close > Open)
	192 ⇌ 223	Pulse strobe in sequence: Fast > Slow (Open > Close)
	224 ⇌ 255	Open
4	000 ⇌ 013	Rotating Gobo Wheel Open
	014 ⇌ 027	Gobo 1
	028 ⇌ 041	Gobo 2
	042 ⇌ 055	Gobo 3
	056 ⇌ 069	Gobo 4
	070 ⇌ 083	Gobo 5
	084 ⇌ 097	Gobo 6
	098 ⇌ 111	Gobo 7
	112 ⇌ 125	Gobo 8
	127 ⇌ 136	Open
	137 ⇌ 146	Gobo 1 (variable bounce): Slow > Fast
	147 ⇌ 156	Gobo 2 (variable bounce): Slow > Fast
	157 ⇌ 166	Gobo 3 (variable bounce): Slow > Fast
	167 ⇌ 176	Gobo 4 (variable bounce): Slow > Fast
	177 ⇌ 186	Gobo 5 (variable bounce): Slow > Fast
	187 ⇌ 196	Gobo 6 (variable bounce): Slow > Fast
	197 ⇌ 206	Gobo 7 (variable bounce): Slow > Fast
	207 ⇌ 217	Gobo 8 (variable bounce): Slow > Fast
	218 ⇌ 219	Open
	220 ⇌ 255	Gobo spin: Slow > Fast
5	000 ⇌ 009	Color Wheel White (Open)
	010 ⇌ 020	Red
	021 ⇌ 031	Blue
	032 ⇌ 041	Yellow
	042 ⇌ 052	Light Green
	053 ⇌ 063	Magenta
	064 ⇌ 073	UV
	074 ⇌ 084	Light Blue or Cyan
	085 ⇌ 095	Orange
	096 ⇌ 105	Pink
	106 ⇌ 116	Tri-color: Red - White - Blue
	117 ⇌ 128	Quad-color: Blue - Pink - Purple - Yellow
	129 ⇌ 190	Linear progression of color wheel (color-splits)
	191 ⇌ 220	Rainbow effect: Fast > Slow (clockwise)
	221 ⇌ 222	Stop
	223 ⇌ 255	Rainbow effect: Slow > Fast (counter-clockwise)
6	000 ⇌ 127	Gobo Rotation Gobo incremental rotation
	128 ⇌ 189	Clockwise gobo rotation: Fast > Slow
	190 ⇌ 193	No Rotation
	194 ⇌ 255	Counter clockwise gobo rotation: Slow > Fast
7	000 ⇌ 000	Pan/Tilt Speed (P7-n setting) Tracking control: Maximum
	001 ⇌ 200	Vector control: Maximum > Slowest
	201 ⇌ 204	Fixture Reset
	205 ⇌ 255	Tracking control: Maximum