

# DMX CHART



## Rogue R3E Spot

### DMX Values

#### 25CH

Channel	Function	Value	Percent/Setting
1	Pan	000 ⇔ 255	0-100%
2	Pan fine	000 ⇔ 255	Fine control (16-bit)
3	Tilt	000 ⇔ 255	0-100%
4	Tilt fine	000 ⇔ 255	Fine control (16-bit)
5	Pan/tilt speed	000 ⇔ 255	Fast to slow
6	Dimmer	000 ⇔ 255	0-100%
7	Dimmer fine	000 ⇔ 255	Fine control (16-bit)
8	Strobe	000 ⇔ 003	Off
		004 ⇔ 007	On
		008 ⇔ 076	Synchronizing strobe, slow to fast
		077 ⇔ 145	Pulse strobe, slow to fast
		146 ⇔ 215	Random strobe, slow to fast
		216 ⇔ 255	On
9	Color 1 (see <a href="#">Color Wheels</a> )	000 ⇔ 006	White
		007 ⇔ 013	Yellow
		014 ⇔ 020	Light blue
		021 ⇔ 027	Green
		028 ⇔ 034	Red
		035 ⇔ 041	Magenta
		042 ⇔ 048	Dark blue
		049 ⇔ 055	Orange
		056 ⇔ 063	Pink
		064 ⇔ 127	Split color
		128 ⇔ 191	Color scroll, slow to fast
192 ⇔ 255	Counterclockwise color scroll, slow to fast		
10	Color 2 (see <a href="#">Color Wheels</a> )	000 ⇔ 006	White
		007 ⇔ 013	CTC 3200K
		014 ⇔ 020	CTC 5600K
		021 ⇔ 027	Green
		028 ⇔ 034	UV
		035 ⇔ 041	Orange
		042 ⇔ 048	Pink
		049 ⇔ 055	Light blue
		056 ⇔ 063	Dark yellow
		064 ⇔ 127	Split color
		128 ⇔ 191	Color scroll, slow to fast
192 ⇔ 255	Counterclockwise color scroll, slow to fast		

Channel	Function	Value	Percent/Setting
11	<b>Rotating gobo wheel</b> (see <a href="#">Gobo Wheels</a> )	000 ⇔ 007	Open
		008 ⇔ 015	Gobo 1
		016 ⇔ 023	Gobo 2
		024 ⇔ 031	Gobo 3
		032 ⇔ 039	Gobo 4
		040 ⇔ 047	Gobo 5
		048 ⇔ 055	Gobo 6
		056 ⇔ 063	Gobo 7
		064 ⇔ 071	Gobo 7 shaking, slow to fast
		072 ⇔ 079	Gobo 6 shaking, slow to fast
		080 ⇔ 087	Gobo 5 shaking, slow to fast
		088 ⇔ 095	Gobo 4 shaking, slow to fast
		096 ⇔ 103	Gobo 3 shaking, slow to fast
		104 ⇔ 111	Gobo 2 shaking, slow to fast
		112 ⇔ 119	Gobo 1 shaking, slow to fast
		120 ⇔ 127	Open
128 ⇔ 191	Clockwise scroll, slow to fast		
192 ⇔ 255	Counterclockwise scroll, slow to fast		
12	<b>Gobo rotation</b>	000 ⇔ 063	Rotating gobo index
		064 ⇔ 146	Clockwise rotation, slow to fast
		147 ⇔ 148	Stop
		149 ⇔ 231	Counterclockwise rotation, slow to fast
		232 ⇔ 255	Gobo rotate shake
13	<b>Static gobo wheel</b> (see <a href="#">Gobo Wheels</a> )	000 ⇔ 006	Open
		007 ⇔ 013	Gobo 1
		014 ⇔ 020	Gobo 2
		021 ⇔ 027	Gobo 3
		028 ⇔ 034	Gobo 4
		035 ⇔ 041	Gobo 5
		042 ⇔ 048	Gobo 6
		049 ⇔ 055	Gobo 7
		056 ⇔ 063	Gobo 8
		064 ⇔ 071	Gobo 8 shaking, slow to fast
		072 ⇔ 078	Gobo 7 shaking, slow to fast
		079 ⇔ 085	Gobo 6 shaking, slow to fast
		086 ⇔ 092	Gobo 5 shaking, slow to fast
		093 ⇔ 099	Gobo 4 shaking, slow to fast
		100 ⇔ 106	Gobo 3 shaking, slow to fast
		107 ⇔ 113	Gobo 2 shaking, slow to fast
114 ⇔ 120	Gobo 1 shaking, slow to fast		
121 ⇔ 127	Open		
128 ⇔ 191	Clockwise scroll, slow to fast		
192 ⇔ 255	Counterclockwise scroll, slow to fast		
14	<b>Focus</b>	000 ⇔ 255	0-100%
15	<b>Focus fine</b>	000 ⇔ 255	Fine control (16-bit)

## DMX CHART



### Rogue R3E Spot

Channel	Function	Value	Percent/Setting
16	Auto focus	000 ⇄ 010	No function
		011 ⇄ 030	0-5 meters
		031 ⇄ 050	6 meters
		051 ⇄ 070	7 meters
		071 ⇄ 090	8 meters
		091 ⇄ 110	9 meters
		111 ⇄ 130	10 meters
		131 ⇄ 150	12.5 meters
		151 ⇄ 170	15 meters
		171 ⇄ 190	17.5 meters
		191 ⇄ 210	20-60 meters
211 ⇄ 255	Auto focus		
17	Zoom	000 ⇄ 255	0-100%
18	Zoom fine	000 ⇄ 255	0-100%
19	Prism	000 ⇄ 004	No function
		005 ⇄ 255	Prism effect
20	Rotating prism	000 ⇄ 127	Prism index
		128 ⇄ 189	Clockwise rotation, fast to slow
		190 ⇄ 193	Hold
		194 ⇄ 255	Counterclockwise rotation, slow to fast
21	Iris	000 ⇄ 063	0-100%
		064 ⇄ 127	Auto change, slow to fast
		128 ⇄ 191	Slow open, fast close (slow to fast)
		192 ⇄ 255	Slow close, fast open (slow to fast)
22	Frost	000 ⇄ 007	No function
		008 ⇄ 255	Frost effect

Channel	Function	Value	Percent/Setting
23	Movement macro	000 ⇔ 007	No function
		008 ⇔ 015	Movement macro 1
		016 ⇔ 023	Movement macro 2
		024 ⇔ 031	Movement macro 3
		032 ⇔ 039	Movement macro 4
		040 ⇔ 047	Movement macro 5
		048 ⇔ 055	Movement macro 6
		056 ⇔ 063	Movement macro 7
		064 ⇔ 071	Movement macro 8
		072 ⇔ 079	Movement macro 9
		080 ⇔ 087	Movement macro 10
		088 ⇔ 095	Movement macro 11
		096 ⇔ 103	Movement macro 12
		104 ⇔ 111	Movement macro 13
		112 ⇔ 119	Movement macro 14
		120 ⇔ 127	Movement macro 15
		128 ⇔ 135	Movement macro 16
		136 ⇔ 143	Movement macro 17
		144 ⇔ 151	Movement macro 18
		152 ⇔ 159	Movement macro 19
		160 ⇔ 167	Movement macro 20
		168 ⇔ 175	Movement macro 21
		176 ⇔ 183	Movement macro 22
		184 ⇔ 191	Movement macro 23
		192 ⇔ 199	Movement macro 24
		200 ⇔ 207	Movement macro 25
		208 ⇔ 215	Movement macro 26
		216 ⇔ 223	Movement macro 27
		224 ⇔ 231	Movement macro 28
		232 ⇔ 239	Movement macro 29
		240 ⇔ 247	Movement macro 30
248 ⇔ 255	Movement macro 31		
24	Movement macro speed	000 ⇔ 255	Fast to slow

# DMX CHART



## Rogue R3E Spot

Channel	Function	Value	Percent/Setting
25	Control	000 ⇄ 007	No function
		008 ⇄ 015	Blackout during pan/tilt
		016 ⇄ 023	Blackout while color wheel is moving
		024 ⇄ 031	Blackout while gobo wheel is moving
		032 ⇄ 039	Blackout while pan/tilt/moving color wheel
		040 ⇄ 047	Blackout while pan/tilt/moving gobo wheel
		048 ⇄ 055	Blackout while pan/tilt/moving color wheel/moving gobo wheel
		056 ⇄ 059	PWM 600 Hz
		060 ⇄ 063	PWM 1200 Hz
		064 ⇄ 067	PWM 2000 Hz
		068 ⇄ 071	PWM 4000 Hz
		072 ⇄ 075	PWM 6000 Hz
		076 ⇄ 079	PWM 15000Hz
		080 ⇄ 095	No function
		096 ⇄ 103	Pan reset
		104 ⇄ 111	Tilt reset
		112 ⇄ 119	Color reset
		120 ⇄ 127	Gobo/gobo rotation reset
		128 ⇄ 135	No function
		136 ⇄ 143	Prism reset
		144 ⇄ 151	No function
		152 ⇄ 159	All reset
		160 ⇄ 167	Iris reset
		168 ⇄ 175	Frost reset
		176 ⇄ 183	Zoom reset
		184 ⇄ 191	No function
		192 ⇄ 199	Fan eco
		200 ⇄ 207	Fan full
		208 ⇄ 215	Fan auto
		216 ⇄ 223	No function
		224 ⇄ 231	No function
		232 ⇄ 239	No function
240 ⇄ 247	No function		
248 ⇄ 255	No function		

### 19CH

Channel	Function	Value	Percent/Setting
1	Pan	000 ⇄ 255	0-100%
2	Pan fine	000 ⇄ 255	Fine control (16-bit)
3	Tilt	000 ⇄ 255	0-100%
4	Tilt fine	000 ⇄ 255	Fine control (16-bit)
5	Pan/tilt speed	000 ⇄ 255	Fast to slow
6	Dimmer	000 ⇄ 255	0-100%
7	Strobe	000 ⇄ 003	Off
		004 ⇄ 007	On
		008 ⇄ 076	Synchronizing strobe, slow to fast
		077 ⇄ 145	Pulse strobe, slow to fast
		146 ⇄ 215	Random strobe, slow to fast
8	Color 1 (see <a href="#">Color Wheels</a> )	216 ⇄ 255	On
		000 ⇄ 006	White
		007 ⇄ 013	Yellow
		014 ⇄ 020	Light blue
		021 ⇄ 027	Green
		028 ⇄ 034	Red
		035 ⇄ 041	Magenta
		042 ⇄ 048	Dark blue
		049 ⇄ 055	Orange
		056 ⇄ 063	Pink
064 ⇄ 127	Split color		
128 ⇄ 191	Color scroll, slow to fast		
192 ⇄ 255	Counterclockwise color scroll, slow to fast		
9	Color 2 (see <a href="#">Color Wheels</a> )	000 ⇄ 006	White
		007 ⇄ 013	CTC 3200K
		014 ⇄ 020	CTC 5600K
		021 ⇄ 027	Green
		028 ⇄ 034	UV
		035 ⇄ 041	Orange
		042 ⇄ 048	Pink
		049 ⇄ 055	Light blue
		056 ⇄ 063	Dark yellow
		064 ⇄ 127	Split color
128 ⇄ 191	Color scroll, slow to fast		
192 ⇄ 255	Counterclockwise color scroll, slow to fast		
10	Rotating gobo wheel (see <a href="#">Gobo Wheels</a> )	000 ⇄ 007	Open
		008 ⇄ 015	Gobo 1
		016 ⇄ 023	Gobo 2
		024 ⇄ 031	Gobo 3
		032 ⇄ 039	Gobo 4
		040 ⇄ 047	Gobo 5
		048 ⇄ 055	Gobo 6
		056 ⇄ 063	Gobo 7
		064 ⇄ 071	Gobo 7 shaking, slow to fast
		072 ⇄ 079	Gobo 6 shaking, slow to fast
		080 ⇄ 087	Gobo 5 shaking, slow to fast
		088 ⇄ 095	Gobo 4 shaking, slow to fast
		096 ⇄ 103	Gobo 3 shaking, slow to fast
		104 ⇄ 111	Gobo 2 shaking, slow to fast
		112 ⇄ 119	Gobo 1 shaking, slow to fast
		120 ⇄ 127	Open
		128 ⇄ 191	Clockwise scroll, slow to fast
192 ⇄ 255	Counterclockwise scroll, slow to fast		

# DMX CHART



## Rogue R3E Spot

Channel	Function	Value	Percent/Setting
11	Gobo rotation	000 ⇄ 063	Rotating gobo index
		064 ⇄ 146	Clockwise rotation, slow to fast
		147 ⇄ 148	Stop
		149 ⇄ 231	Counterclockwise rotation, slow to fast
		232 ⇄ 255	Gobo rotate shake
12	Static gobo wheel (see <a href="#">Gobo Wheels</a> )	000 ⇄ 006	Open
		007 ⇄ 013	Gobo 1
		014 ⇄ 020	Gobo 2
		021 ⇄ 027	Gobo 3
		028 ⇄ 034	Gobo 4
		035 ⇄ 041	Gobo 5
		042 ⇄ 048	Gobo 6
		049 ⇄ 055	Gobo 7
		056 ⇄ 063	Gobo 8
		064 ⇄ 071	Gobo 8 shaking, slow to fast
		072 ⇄ 078	Gobo 7 shaking, slow to fast
		079 ⇄ 085	Gobo 6 shaking, slow to fast
		086 ⇄ 092	Gobo 5 shaking, slow to fast
		093 ⇄ 099	Gobo 4 shaking, slow to fast
		100 ⇄ 106	Gobo 3 shaking, slow to fast
		107 ⇄ 113	Gobo 2 shaking, slow to fast
		114 ⇄ 120	Gobo 1 shaking, slow to fast
121 ⇄ 127	Open		
128 ⇄ 191	Clockwise scroll, slow to fast		
192 ⇄ 255	Counterclockwise scroll, slow to fast		
13	Focus	000 ⇄ 255	0-100%
14	Zoom	000 ⇄ 255	0-100%
15	Prism	000 ⇄ 004	No function
		005 ⇄ 255	Prism effect
16	Rotating prism	000 ⇄ 127	Prism index
		128 ⇄ 189	Clockwise rotation, fast to slow
		190 ⇄ 193	Hold
		194 ⇄ 255	Counterclockwise rotation, slow to fast
17	Iris	000 ⇄ 063	0-100%
		064 ⇄ 127	Auto change, slow to fast
		128 ⇄ 191	Slow open, fast close (slow to fast)
		192 ⇄ 255	Slow close, fast open (slow to fast)
18	Frost	000 ⇄ 007	No function
		008 ⇄ 255	Frost effect

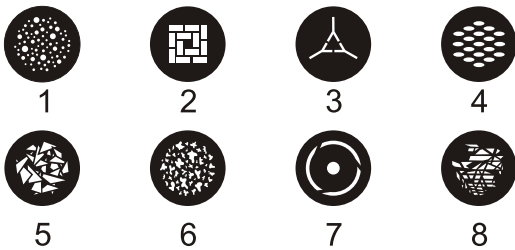
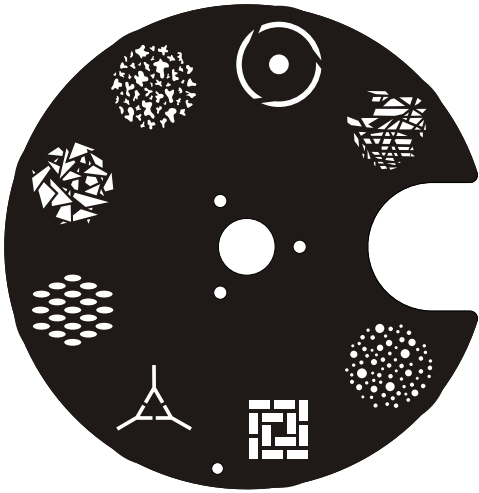
Channel	Function	Value	Percent/Setting
19	Control	000 ⇔ 007	No function
		008 ⇔ 015	Blackout during pan/tilt
		016 ⇔ 023	Blackout while color wheel is moving
		024 ⇔ 031	Blackout while gobo wheel is moving
		032 ⇔ 039	Blackout while pan/tilt/moving color wheel
		040 ⇔ 047	Blackout while pan/tilt/moving gobo wheel
		048 ⇔ 055	Blackout while pan/tilt/moving color wheel/moving gobo wheel
		056 ⇔ 059	PWM 600 Hz
		060 ⇔ 063	PWM 1200 Hz
		064 ⇔ 067	PWM 2000 Hz
		068 ⇔ 071	PWM 4000 Hz
		072 ⇔ 075	PWM 6000 Hz
		076 ⇔ 079	PWM 15000Hz
		080 ⇔ 095	No function
		096 ⇔ 103	Pan reset
		104 ⇔ 111	Tilt reset
		112 ⇔ 119	Color reset
		120 ⇔ 127	Gobo/gobo rotation reset
		128 ⇔ 135	No function
		136 ⇔ 143	Prism reset
		144 ⇔ 151	No function
		152 ⇔ 159	All reset
		160 ⇔ 167	Iris reset
		168 ⇔ 175	Frost reset
		176 ⇔ 183	Zoom reset
		184 ⇔ 191	No function
		192 ⇔ 199	Fan eco
		200 ⇔ 207	Fan full
		208 ⇔ 215	Fan auto
		216 ⇔ 223	No function
		224 ⇔ 231	No function
		232 ⇔ 239	No function
240 ⇔ 247	No function		
248 ⇔ 255	No function		



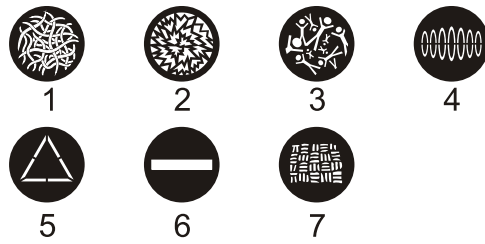
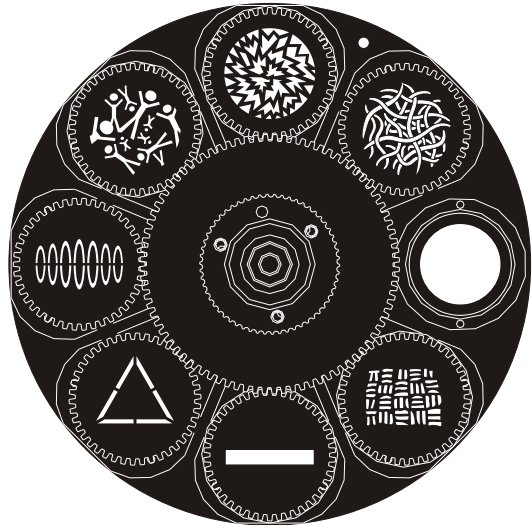
Rogue R3E Spot

Gobo Wheels

Static Gobo Wheel

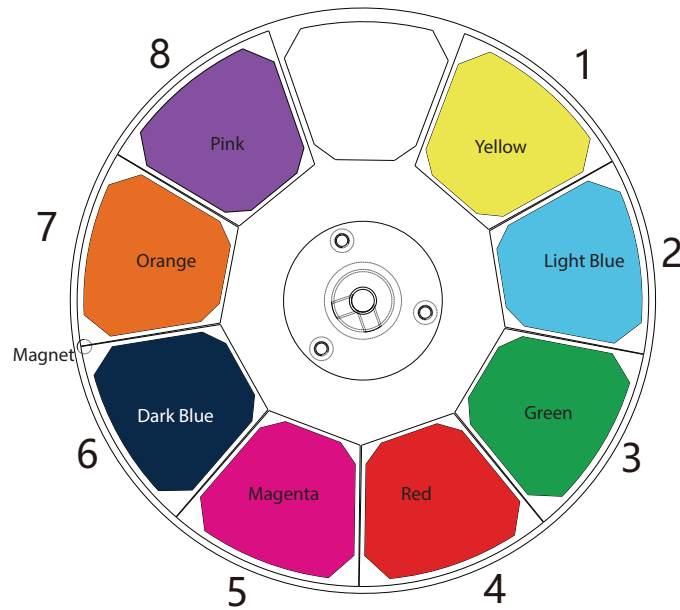


Rotating Gobo Wheel

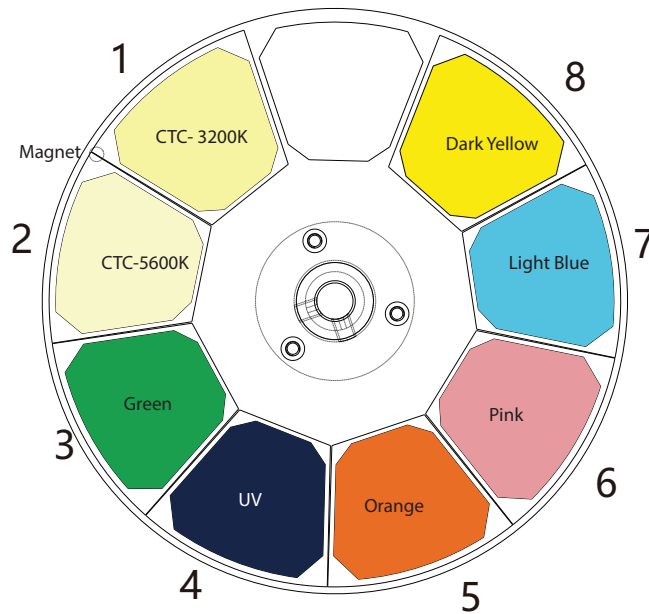


Gobo Wheel	Gobo #	Description	Gobo Wheel	Gobo #	Description
Static gobo wheel	1	Dots breakup	Rotating gobo wheel	1	Tribal breakup
	2	Bricks		2	Shattered
	3	Triangle rays		3	Stickmen
	4	Grouped ovals		4	Linear ovals
	5	Triangle breakup		5	Laser triangle
	6	Foliage breakup		6	Line
	7	Circle dot		7	Thatched breakup
	8	Mosaic breakup			

**Color Wheels**



**Color Wheel 1**



**Color Wheel 2**