

Control Channel Assignments and Value

19CH

Channel	Function	Value	Percent/Setting
1	Pan	000 ⇔ 255	0–100%
2	Fine pan	000 ⇔ 255	Fine control (16-bit)
3	Tilt	000 ⇔ 255	0–100%
4	Fine tilt	000 ⇔ 255	Fine control (16-bit)
5	Pan/tilt speed	000 ⇔ 255	Fast to slow
6	Dimmer	000 ⇔ 255	0–100%
7	Fine dimmer	000 ⇔ 255	Fine control (16-bit)
8	Strobe	000 ⇔ 003	No function
		004 ⇔ 007	On
		008 ⇔ 076	Synchronized strobe, slow to fast
		077 ⇔ 145	Pulse strobe, slow to fast
		146 ⇔ 215	Random strobe, slow to fast
		216 ⇔ 255	On
9	Color wheel (see Color Wheel)	000 ⇔ 006	Open (White)
		007 ⇔ 013	Red
		014 ⇔ 020	Orange
		021 ⇔ 027	Green
		028 ⇔ 034	Yellow
		035 ⇔ 041	Blue
		042 ⇔ 048	CTO 3200
		049 ⇔ 055	Magenta
		056 ⇔ 063	Purple
		064 ⇔ 127	Split colors
		128 ⇔ 191	Clockwise color scroll, slow to fast
192 ⇔ 255	Counterclockwise color scroll, slow to fast		
10	Rotating gobo wheel (see Gobo Wheels)	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 gobo scroll, slow to fast		
192 ⇔ 255	Counterclockwise gobo scroll, slow to fast		
11	Gobo rotation	000 ⇔ 063	Gobo index
		064 ⇔ 146	Clockwise gobo rotation, slow to fast
		147 ⇔ 148	Stop
		149 ⇔ 231	Counterclockwise gobo rotation, slow to fast
		232 ⇔ 255	Gobo rotation back and forth

Channel	Function	Value	Percent/Setting
12	Static gobo wheel (see Gobo Wheels)	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 ⇔ 079	Gobo 7 shaking, slow to fast
		080 ⇔ 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 gobo scroll, slow to fast		
192 ⇔ 255	Counterclockwise gobo scroll, slow to fast		
13	Focus	000 ⇔ 255	Far to near
14	Prism	000 ⇔ 004	No function
		005 ⇔ 255	Prism
15	Prism rotation	000 ⇔ 127	Prism index
		128 ⇔ 189	Clockwise prism rotation, fast to slow
		190 ⇔ 193	Stop
		194 ⇔ 255	Counterclockwise prism rotation, slow to fast
16	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

Channel	Function	Value	Percent/Setting
17	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 ⇔ 126	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 ⇔ 177	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		
18	Movement macro speed	248 ⇔ 255	Fast to slow

Channel	Function	Value	Percent/Setting
19	Control (hold for 3 seconds)	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	Pan/tilt/color blackout
		040 ⇔ 047	Pan/tilt/gobo blackout
		048 ⇔ 055	Pan/tilt/color/gobo blackout
		056 ⇔ 059	PWM 600Hz
		060 ⇔ 063	PWM 1200Hz
		064 ⇔ 067	PWM 2000Hz
		068 ⇔ 071	PWM 4000Hz
		072 ⇔ 075	PWM 6000Hz
		076 ⇔ 079	PWM 150000Hz
		080 ⇔ 095	No function
		096 ⇔ 103	Pan reset
		104 ⇔ 111	Tilt reset
		112 ⇔ 119	Color wheel reset
		120 ⇔ 127	Gobo wheel reset
		128 ⇔ 135	Gobo rotation reset
		136 ⇔ 143	Prism reset
		144 ⇔ 151	Focus reset
		152 ⇔ 159	All reset
		160 ⇔ 167	Iris reset
		168 ⇔ 191	No function
		192 ⇔ 199	Fan ECO
		200 ⇔ 207	Fan Full
		208 ⇔ 215	Fan Auto
		216 ⇔ 255	No function

DMX CHARTS

Rogue R1E Spot
V1.240123



16CH

Channel	Function	Value	Percent/Setting
1	Pan	000 ⇄ 255	0–100%
2	Fine pan	000 ⇄ 255	Fine control (16-bit)
3	Tilt	000 ⇄ 255	0–100%
4	Fine tilt	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	No function
		004 ⇄ 007	On
		008 ⇄ 076	Synchronized strobe, slow to fast
		077 ⇄ 145	Pulse strobe, slow to fast
		146 ⇄ 215	Random strobe, slow to fast
		216 ⇄ 255	On
8	Color wheel (see Color Wheel)	000 ⇄ 006	Open (White)
		007 ⇄ 013	Red
		014 ⇄ 020	Orange
		021 ⇄ 027	Green
		028 ⇄ 034	Yellow
		035 ⇄ 041	Blue
		042 ⇄ 048	CTO 3200
		049 ⇄ 055	Magenta
		056 ⇄ 063	Purple
		064 ⇄ 127	Split colors
		128 ⇄ 191	Clockwise color scroll, slow to fast
192 ⇄ 255	Counterclockwise color scroll, slow to fast		
9	Rotating gobo wheel (see Gobo Wheels)	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 gobo scroll, slow to fast		
192 ⇄ 255	Counterclockwise gobo scroll, slow to fast		
10	Gobo rotation	000 ⇄ 063	Gobo index
		064 ⇄ 146	Clockwise gobo rotation, slow to fast
		147 ⇄ 148	Stop
		149 ⇄ 231	Counterclockwise gobo rotation, slow to fast
		232 ⇄ 255	Gobo rotation back and forth

Channel	Function	Value	Percent/Setting
11	Static gobo wheel (see Gobo Wheels)	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 ⇔ 079	Gobo 7 shaking, slow to fast
		080 ⇔ 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 gobo scroll, slow to fast		
192 ⇔ 255	Counterclockwise gobo scroll, slow to fast		
12	Focus	000 ⇔ 255	Far to near
13	Prism	000 ⇔ 004	No function
		005 ⇔ 255	Prism
14	Prism rotation	000 ⇔ 127	Prism index
		128 ⇔ 189	Clockwise prism rotation, fast to slow
		190 ⇔ 193	Stop
		194 ⇔ 255	Counterclockwise prism rotation, slow to fast
15	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

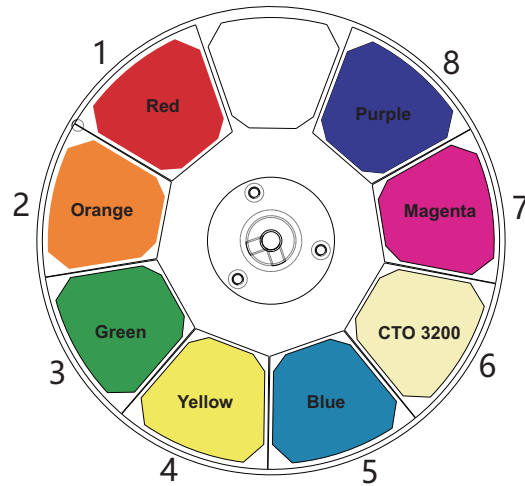
DMX CHARTS

Rogue R1E Spot
V1.240123

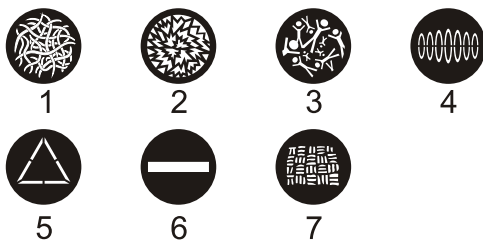
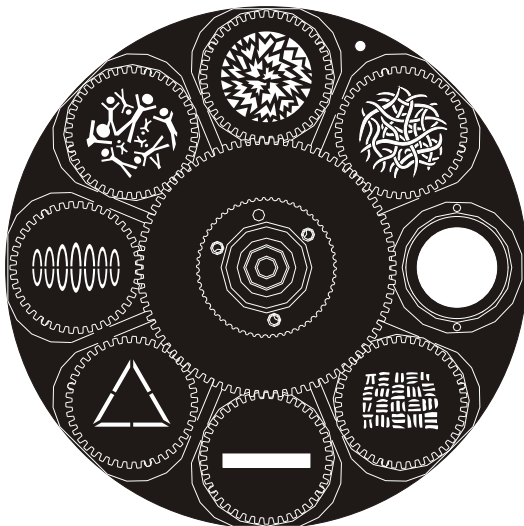


Channel	Function	Value	Percent/Setting
16	Control (hold for 3 seconds)	000 ⇔ 007	No function
		008 ⇔ 015	Blackout during pan/tilt
		016 ⇔ 023	Blackout while color wheel is moving
		024 ⇔ 031	Blackout while gobo wheel is moving
		032 ⇔ 039	Pan/tilt/color blackout
		040 ⇔ 047	Pan/tilt/gobo blackout
		048 ⇔ 055	Pan/tilt/color/gobo blackout
		056 ⇔ 059	PWM 600Hz
		060 ⇔ 063	PWM 1200Hz
		064 ⇔ 067	PWM 2000Hz
		068 ⇔ 071	PWM 4000Hz
		072 ⇔ 075	PWM 6000Hz
		076 ⇔ 079	PWM 15000Hz
		080 ⇔ 095	No function
		096 ⇔ 103	Pan reset
		104 ⇔ 111	Tilt reset
		112 ⇔ 119	Color wheel reset
		120 ⇔ 127	Gobo wheel reset
		128 ⇔ 135	Gobo rotation reset
		136 ⇔ 143	Prism reset
		144 ⇔ 151	Focus reset
		152 ⇔ 159	All reset
		160 ⇔ 167	Iris reset
		168 ⇔ 191	No function
		192 ⇔ 199	Fan ECO
		200 ⇔ 207	Fan Full
		208 ⇔ 215	Fan Auto
		216 ⇔ 255	No function

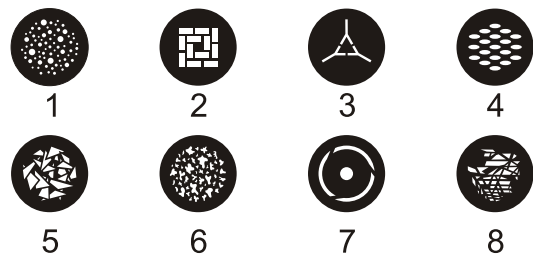
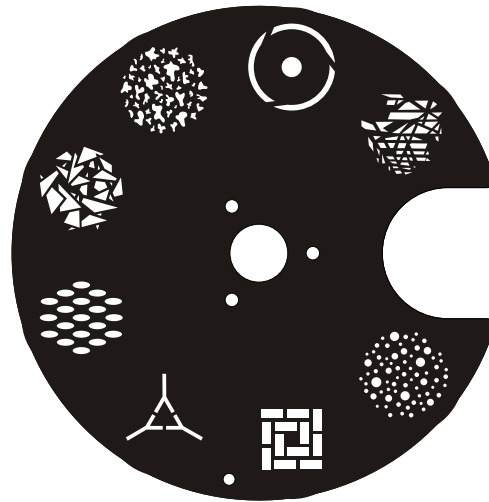
Color Wheel



Gobo Wheels



Gobo Wheel 1
(Rotating gobo wheel)



Gobo Wheel 2
(Static gobo wheel)