

Rogue R2E Spot

Control Channel Assignments and Value

21CH

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
9	Color wheel 1 (see Color Wheels)	216 ⇄ 255	On
		000 ⇄ 006	Open (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 colors
128 ⇄ 191	Clockwise color scroll, slow to fast		
192 ⇄ 255	Counterclockwise color scroll, slow to fast		
10	Color wheel 2 (see Color Wheels)	000 ⇄ 006	Open (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 colors
		128 ⇄ 191	Clockwise color scroll, slow to fast
192 ⇄ 255	Counterclockwise color scroll, slow to fast		

Channel	Function	Value	Percent/Setting
11	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		
12	Gobo rotation	000 ⇔ 063	Gobo index
		064 ⇔ 146	Clockwise gobo rotation, slow to fast
		147 ⇔ 148	Gobo rotate stop
		149 ⇔ 231	Counterclockwise gobo rotation, slow to fast
		232 ⇔ 255	Gobo rotation back and forth
13	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 ⇔ 079	Gobo 8 shaking, slow to fast
		072 ⇔ 087	Gobo 7 shaking, slow to fast
		079 ⇔ 095	Gobo 6 shaking, slow to fast
		086 ⇔ 103	Gobo 5 shaking, slow to fast
		093 ⇔ 111	Gobo 4 shaking, slow to fast
		100 ⇔ 119	Gobo 3 shaking, slow to fast
107 ⇔ 127	Gobo 2 shaking, slow to fast		
114 ⇔ 191	Gobo 1 shaking, slow to fast		
121 ⇔ 255	Open		
128 ⇔ 191	Clockwise gobo scroll, slow to fast		
192 ⇔ 255	Counterclockwise gobo scroll, slow to fast		
14	Focus	000 ⇔ 255	Far to near
15	Prism	000 ⇔ 004	No function
		005 ⇔ 255	Prism

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Channel	Function	Value	Percent/Setting
16	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
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
19	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		
20	Movement macro speed	000 ⇔ 255	Fast to slow

Channel	Function	Value	Percent/Setting
21	Control	000 ⇔ 007	No function
		008 ⇔ 015	Pan/tilt blackout
		016 ⇔ 023	Color blackout
		024 ⇔ 031	Gobo blackout
		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 1500Hz
		080 ⇔ 095	No function
		096 ⇔ 103	Pan reset
		104 ⇔ 111	Tilt reset
		112 ⇔ 126	Color reset
		120 ⇔ 127	Gobo reset
		128 ⇔ 135	Gobo rotation reset
		136 ⇔ 143	Prism reset
		144 ⇔ 151	Focus reset
		152 ⇔ 159	All reset
		160 ⇔ 167	Iris reset
		168 ⇔ 175	Frost reset
		176 ⇔ 191	No function
		192 ⇔ 199	Fan ECO
		200 ⇔ 207	Fan full
		208 ⇔ 215	Fan auto
		216 ⇔ 255	No function

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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 1 (see Color Wheels)	000 ⇔ 006	Open (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 colors
		128 ⇔ 191	Clockwise color scroll, slow to fast
192 ⇔ 255	Counterclockwise color scroll, slow to fast		
9	Color wheel 2 (see Color Wheels)	000 ⇔ 006	Open (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 colors
		128 ⇔ 191	Clockwise color scroll, slow to fast
192 ⇔ 255	Counterclockwise color scroll, slow to fast		

Channel	Function	Value	Percent/Setting
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
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		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	Gobo rotate stop
		149 ⇔ 231	Counterclockwise gobo rotation, slow to fast
		232 ⇔ 255	Gobo rotation back and forth
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
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		049 ⇔ 055	Gobo 7
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		064 ⇔ 079	Gobo 8 shaking, slow to fast
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		086 ⇔ 103	Gobo 5 shaking, slow to fast
		093 ⇔ 111	Gobo 4 shaking, slow to fast
		100 ⇔ 119	Gobo 3 shaking, slow to fast
		107 ⇔ 127	Gobo 2 shaking, slow to fast
114 ⇔ 191	Gobo 1 shaking, slow to fast		
121 ⇔ 255	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

DMX CHARTS



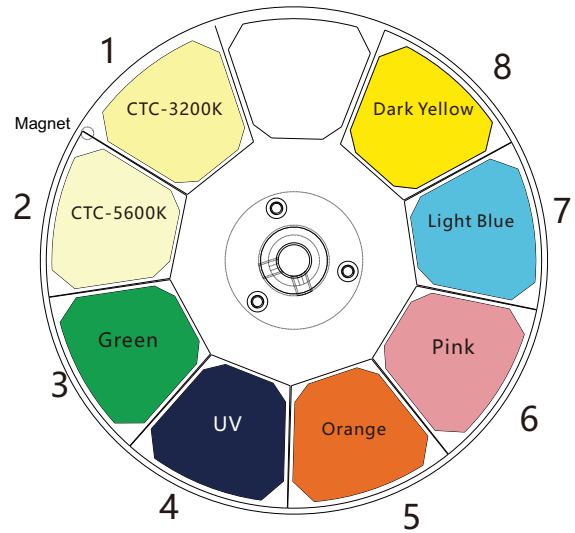
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Channel	Function	Value	Percent/Setting
15	Prism rotation	000 ⇔ 127	Prism index
		128 ⇔ 189	Clockwise prism rotation, fast to slow
		190 ⇔ 193	Stop
		194 ⇔ 255	Counterclockwise prism rotation, slow to fast
16	Iris	000 ⇔ 063	0–100%
		064 ⇔ 127	Auto change, slow to fast
		128 ⇔ 191	Slow open - fast close, slow to fast
		192 ⇔ 255	Slow close - fast open, slow to fast
17	Frost	000 ⇔ 007	No function
		008 ⇔ 255	Frost effect
18	Control	000 ⇔ 007	No function
		008 ⇔ 015	Pan/tilt blackout
		016 ⇔ 023	Color blackout
		024 ⇔ 031	Gobo blackout
		032 ⇔ 039	Pan/tilt/color blackout
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		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 1500Hz
		080 ⇔ 095	No function
		096 ⇔ 103	Pan reset
		104 ⇔ 111	Tilt reset
		112 ⇔ 126	Color reset
		120 ⇔ 127	Gobo reset
		128 ⇔ 135	Gobo rotation reset
		136 ⇔ 143	Prism reset
		144 ⇔ 151	Focus reset
		152 ⇔ 159	All reset
		160 ⇔ 167	Iris reset
		168 ⇔ 175	Frost
176 ⇔ 191	No function		
192 ⇔ 199	Fan ECO		
200 ⇔ 207	Fan full		
208 ⇔ 215	Fan auto		
216 ⇔ 255	No function		

Color Wheels

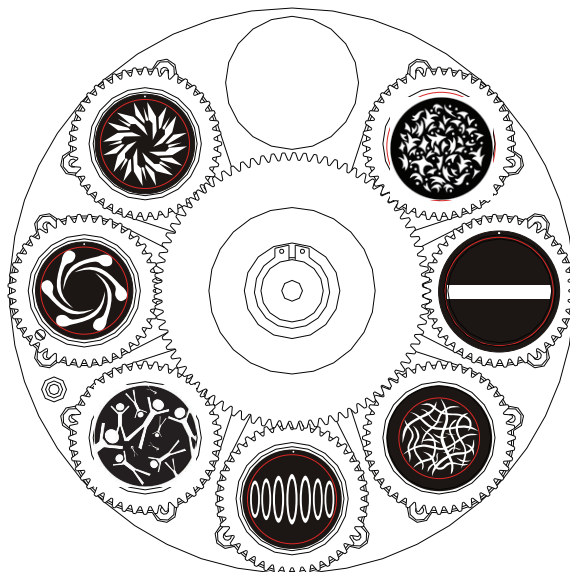


Color Wheel 1

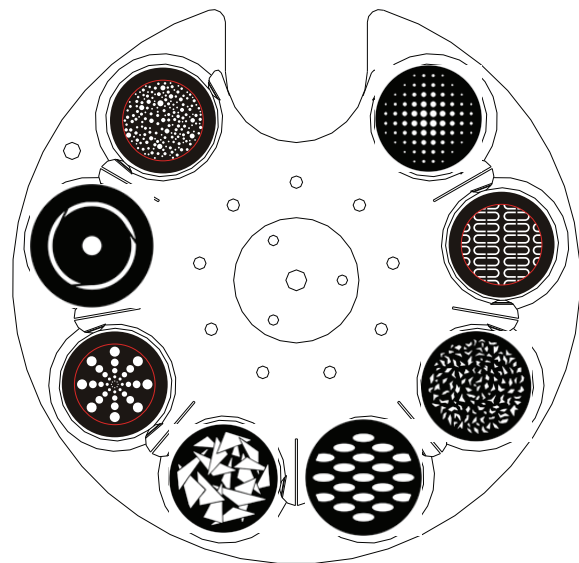


Color Wheel 2

Gobo Wheels



Gobo Wheel 1
(Rotating gobo wheel)



Gobo Wheel 2
(Static gobo wheel)