

QUICK REFERENCE GUIDE



Rogue R1 Beam Wash

DMX Values

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 ⇔ 019	Off
		020 ⇔ 024	On
		025 ⇔ 064	Strobe, fast to slow
		065 ⇔ 069	On
		070 ⇔ 084	Fast on, slow off (fast to slow)
		085 ⇔ 089	On
		090 ⇔ 104	Slow on, fast off (fast to slow)
		105 ⇔ 109	On
		110 ⇔ 124	Random strobe, fast to slow
		125 ⇔ 129	On
		130 ⇔ 144	Random fast on, slow off (fast to slow)
		145 ⇔ 149	On
		150 ⇔ 164	Random slow on, fast off (fast to slow)
		165 ⇔ 169	On
		170 ⇔ 184	Pulse strobe, fast to slow
		185 ⇔ 189	On
		190 ⇔ 204	Random pulse strobe, fast to slow
205 ⇔ 209	On		
210 ⇔ 224	Slow on, slow off (fast to slow)		
225 ⇔ 229	On		
230 ⇔ 244	Pulse strobe, fast to slow		
245 ⇔ 255	On		
9	Red	000 ⇔ 255	0–100%
10	Fine Red	000 ⇔ 255	Fine control (16-bit)
11	Green	000 ⇔ 255	0–100%
12	Fine Green	000 ⇔ 255	Fine control (16-bit)
13	Blue	000 ⇔ 255	0–100%
14	Fine Blue	000 ⇔ 255	Fine control (16-bit)
15	White	000 ⇔ 255	0–100%
16	Fine White	000 ⇔ 255	Fine control (16-bit)

Channel	Function	Value	Percent/Setting
17	Color	000 ⇔ 004	No function
		005 ⇔ 009	Color 1
		010 ⇔ 014	Color 2
		015 ⇔ 019	Color 3
		020 ⇔ 024	Color 4
		025 ⇔ 029	Color 5
		030 ⇔ 034	Color 6
		035 ⇔ 039	Color 7
		040 ⇔ 044	Color 8
		045 ⇔ 049	Color 9
		050 ⇔ 054	Color 10
		055 ⇔ 059	Color 11
		060 ⇔ 064	Color 12
		065 ⇔ 069	Color 13
		070 ⇔ 074	Color 14
		075 ⇔ 079	Color 15
		080 ⇔ 084	Color 16
		085 ⇔ 089	Color 17
		090 ⇔ 094	Color 18
		095 ⇔ 099	Color 19
		100 ⇔ 104	Color 20
		105 ⇔ 109	Color 21
		110 ⇔ 114	Color 22
		115 ⇔ 119	Color 23
		120 ⇔ 124	Color 24
		125 ⇔ 129	Color 25
		130 ⇔ 134	Color 26
		135 ⇔ 139	Color 27
		140 ⇔ 144	Color 28
		145 ⇔ 149	Color 29
150 ⇔ 154	Color 30		
155 ⇔ 159	Color 31		
160 ⇔ 164	Color 32		
165 ⇔ 169	Color 33		
170 ⇔ 174	Color 34		
175 ⇔ 179	No function		
180 ⇔ 201	Color scroll, fast to slow		
202 ⇔ 207	Hold		
208 ⇔ 229	Reverse color scroll, fast to slow		
230 ⇔ 234	No function		
235 ⇔ 249	Color snap, fast to slow		
250 ⇔ 255	No function		
18	Zoom	000 ⇔ 255	0–100%

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Rogue R1 Beam Wash

Channel	Function	Value	Percent/Setting
19	Movement Macros	000 ⇔ 007	No function
		008 ⇔ 023	Movement macro 1
		024 ⇔ 039	Movement macro 2
		040 ⇔ 055	Movement macro 3
		056 ⇔ 071	Movement macro 4
		072 ⇔ 087	Movement macro 5
		088 ⇔ 103	Movement macro 6
		104 ⇔ 119	Movement macro 7
		120 ⇔ 135	Movement macro 8
		136 ⇔ 151	Movement macro 9
		152 ⇔ 167	Movement macro 10
		168 ⇔ 183	Movement macro 11
		184 ⇔ 199	Movement macro 12
		200 ⇔ 215	Movement macro 13
		216 ⇔ 231	Movement macro 14
		232 ⇔ 247	Movement macro 15
248 ⇔ 255	Movement macro 16		
20	Movement Macro Speed	000 ⇔ 255	Movement macro speed, fast to slow
21	Control (5 second activation delay)	000 ⇔ 009	No function
		010 ⇔ 014	Blackout during pan/tilt
		015 ⇔ 049	No function
		050 ⇔ 054	Pan reset
		055 ⇔ 059	Tilt reset
		060 ⇔ 064	Zoom reset
		065 ⇔ 069	No function
		070 ⇔ 074	Reset all
		075 ⇔ 079	No function
		080 ⇔ 084	Reverse pan and tilt movement
		085 ⇔ 089	Reverse pan movement
		090 ⇔ 094	Reverse tilt movement
		095 ⇔ 099	Normal pan movement
		100 ⇔ 104	Normal tilt movement
		105 ⇔ 109	Normal pan and tilt movement
		110 ⇔ 119	No function
		120 ⇔ 124	Fan ECO mode
		125 ⇔ 129	Fan full speed
		130 ⇔ 134	Fan auto mode
		135 ⇔ 139	Fast dimmer curve
		140 ⇔ 144	Smooth dimmer curve
		145 ⇔ 149	Linear curve
		150 ⇔ 154	Square curve
		155 ⇔ 159	I Square curve
		160 ⇔ 164	SCurve
		165 ⇔ 169	White mode on
		170 ⇔ 174	White mode off (full mode)
		175 ⇔ 179	Color calibration off (single color)
		180 ⇔ 184	Color calibration on (single color)
		185 ⇔ 239	No function
		240 ⇔ 247	Color calibration on
		248 ⇔ 255	Color calibration off

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 ⇔ 019	Off
		020 ⇔ 024	On
		025 ⇔ 064	Strobe, fast to slow
		065 ⇔ 069	On
		070 ⇔ 084	Fast on, slow off (fast to slow)
		085 ⇔ 089	On
		090 ⇔ 104	Slow on, fast off (fast to slow)
		105 ⇔ 109	On
		110 ⇔ 124	Random strobe, fast to slow
		125 ⇔ 129	On
		130 ⇔ 144	Random fast on, slow off (fast to slow)
		145 ⇔ 149	On
		150 ⇔ 164	Random slow on, fast off (fast to slow)
		165 ⇔ 169	On
170 ⇔ 184	Pulse strobe, fast to slow		
185 ⇔ 189	On		
190 ⇔ 204	Random pulse strobe, fast to slow		
205 ⇔ 209	On		
210 ⇔ 224	Slow on, slow off (fast to slow)		
225 ⇔ 229	On		
230 ⇔ 244	Pulse strobe, fast to slow		
245 ⇔ 255	On		
9	Red	000 ⇔ 255	0–100%
10	Fine Red	000 ⇔ 255	Fine control (16-bit)
11	Green	000 ⇔ 255	0–100%
12	Fine Green	000 ⇔ 255	Fine control (16-bit)
13	Blue	000 ⇔ 255	0–100%
14	Fine Blue	000 ⇔ 255	Fine control (16-bit)
15	White	000 ⇔ 255	0–100%
16	Fine White	000 ⇔ 255	Fine control (16-bit)

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Rogue R1 Beam Wash

Channel	Function	Value	Percent/Setting
17	Color	000 ⇔ 004	No function
		005 ⇔ 009	Color 1
		010 ⇔ 014	Color 2
		015 ⇔ 019	Color 3
		020 ⇔ 024	Color 4
		025 ⇔ 029	Color 5
		030 ⇔ 034	Color 6
		035 ⇔ 039	Color 7
		040 ⇔ 044	Color 8
		045 ⇔ 049	Color 9
		050 ⇔ 054	Color 10
		055 ⇔ 059	Color 11
		060 ⇔ 064	Color 12
		065 ⇔ 069	Color 13
		070 ⇔ 074	Color 14
		075 ⇔ 079	Color 15
		080 ⇔ 084	Color 16
		085 ⇔ 089	Color 17
		090 ⇔ 094	Color 18
		095 ⇔ 099	Color 19
		100 ⇔ 104	Color 20
		105 ⇔ 109	Color 21
		110 ⇔ 114	Color 22
		115 ⇔ 119	Color 23
		120 ⇔ 124	Color 24
		125 ⇔ 129	Color 25
		130 ⇔ 134	Color 26
		135 ⇔ 139	Color 27
		140 ⇔ 144	Color 28
		145 ⇔ 149	Color 29
		150 ⇔ 154	Color 30
		155 ⇔ 159	Color 31
		160 ⇔ 164	Color 32
		165 ⇔ 169	Color 33
170 ⇔ 174	Color 34		
175 ⇔ 179	No function		
180 ⇔ 201	Color scroll, fast to slow		
202 ⇔ 207	Hold		
208 ⇔ 229	Reverse color scroll, fast to slow		
230 ⇔ 234	No function		
235 ⇔ 249	Color snap, fast to slow		
250 ⇔ 255	No function		
18	Zoom	000 ⇔ 255	0-100%

Channel	Function	Value	Percent/Setting
19	Control (5 second activation delay)	000 ⇔ 009	No function
		010 ⇔ 014	Blackout during pan/tilt
		015 ⇔ 049	No function
		050 ⇔ 054	Pan reset
		055 ⇔ 059	Tilt reset
		060 ⇔ 064	Zoom reset
		065 ⇔ 069	No function
		070 ⇔ 074	Reset all
		075 ⇔ 079	No function
		080 ⇔ 084	Reverse pan and tilt movement
		085 ⇔ 089	Reverse pan movement
		090 ⇔ 094	Reverse tilt movement
		095 ⇔ 099	Normal pan movement
		100 ⇔ 104	Normal tilt movement
		105 ⇔ 109	Normal pan and tilt movement
		110 ⇔ 119	No function
		120 ⇔ 124	Fan ECO mode
		125 ⇔ 129	Fan full speed
		130 ⇔ 134	Fan auto mode
		135 ⇔ 139	Fast dimmer curve
		140 ⇔ 144	Smooth dimmer curve
		145 ⇔ 149	Linear curve
		150 ⇔ 154	Square curve
		155 ⇔ 159	I Square curve
		160 ⇔ 164	SCurve
		165 ⇔ 169	White mode on
		170 ⇔ 174	White mode off (full mode)
		175 ⇔ 179	Color calibration off (single color)
		180 ⇔ 184	Color calibration on (single color)
		185 ⇔ 239	No function
240 ⇔ 247	Color calibration on		
248 ⇔ 255	Color calibration off		

QUICK REFERENCE GUIDE



Rogue R1 Beam Wash

15CH

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 ⇔ 019	Off
		020 ⇔ 024	On
		025 ⇔ 064	Strobe, fast to slow
		065 ⇔ 069	On
		070 ⇔ 084	Fast on, slow off (fast to slow)
		085 ⇔ 089	On
		090 ⇔ 104	Slow on, fast off (fast to slow)
		105 ⇔ 109	On
		110 ⇔ 124	Random strobe, fast to slow
		125 ⇔ 129	On
		130 ⇔ 144	Random fast on, slow off (fast to slow)
		145 ⇔ 149	On
		150 ⇔ 164	Random slow on, fast off (fast to slow)
		165 ⇔ 169	On
		170 ⇔ 184	Pulse strobe, fast to slow
185 ⇔ 189	On		
190 ⇔ 204	Random pulse strobe, fast to slow		
205 ⇔ 209	On		
210 ⇔ 224	Slow on, slow off (fast to slow)		
225 ⇔ 229	On		
230 ⇔ 244	Pulse strobe, fast to slow		
245 ⇔ 255	On		
9	Red	000 ⇔ 255	0–100%
10	Green	000 ⇔ 255	0–100%
11	Blue	000 ⇔ 255	0–100%
12	White	000 ⇔ 255	0–100%

Channel	Function	Value	Percent/Setting
13	Color	000 ⇔ 004	No function
		005 ⇔ 009	Color 1
		010 ⇔ 014	Color 2
		015 ⇔ 019	Color 3
		020 ⇔ 024	Color 4
		025 ⇔ 029	Color 5
		030 ⇔ 034	Color 6
		035 ⇔ 039	Color 7
		040 ⇔ 044	Color 8
		045 ⇔ 049	Color 9
		050 ⇔ 054	Color 10
		055 ⇔ 059	Color 11
		060 ⇔ 064	Color 12
		065 ⇔ 069	Color 13
		070 ⇔ 074	Color 14
		075 ⇔ 079	Color 15
		080 ⇔ 084	Color 16
		085 ⇔ 089	Color 17
		090 ⇔ 094	Color 18
		095 ⇔ 099	Color 19
		100 ⇔ 104	Color 20
		105 ⇔ 109	Color 21
		110 ⇔ 114	Color 22
		115 ⇔ 119	Color 23
		120 ⇔ 124	Color 24
		125 ⇔ 129	Color 25
		130 ⇔ 134	Color 26
		135 ⇔ 139	Color 27
		140 ⇔ 144	Color 28
		145 ⇔ 149	Color 29
150 ⇔ 154	Color 30		
155 ⇔ 159	Color 31		
160 ⇔ 164	Color 32		
165 ⇔ 169	Color 33		
170 ⇔ 174	Color 34		
175 ⇔ 179	No function		
180 ⇔ 201	Color scroll, fast to slow		
202 ⇔ 207	Hold		
208 ⇔ 229	Reverse color scroll, fast to slow		
230 ⇔ 234	No function		
235 ⇔ 249	Color snap, fast to slow		
250 ⇔ 255	No function		
14	Zoom	000 ⇔ 255	0–100%

QUICK REFERENCE GUIDE



Rogue R1 Beam Wash

Channel	Function	Value	Percent/Setting
15	Control (5 second activation delay)	000 ⇔ 009	No function
		010 ⇔ 014	Blackout during pan/tilt
		015 ⇔ 049	No function
		050 ⇔ 054	Pan reset
		055 ⇔ 059	Tilt reset
		060 ⇔ 064	Zoom reset
		065 ⇔ 069	No function
		070 ⇔ 074	Reset all
		075 ⇔ 079	No function
		080 ⇔ 084	Reverse pan and tilt movement
		085 ⇔ 089	Reverse pan movement
		090 ⇔ 094	Reverse tilt movement
		095 ⇔ 099	Normal pan movement
		100 ⇔ 104	Normal tilt movement
		105 ⇔ 109	Normal pan and tilt movement
		110 ⇔ 119	No function
		120 ⇔ 124	Fan ECO mode
		125 ⇔ 129	Fan full speed
		130 ⇔ 134	Fan auto mode
		135 ⇔ 139	Fast dimmer curve
		140 ⇔ 144	Smooth dimmer curve
		145 ⇔ 149	Linear curve
		150 ⇔ 154	Square curve
		155 ⇔ 159	I Square curve
		160 ⇔ 164	SCurve
		165 ⇔ 169	White mode on
		170 ⇔ 174	White mode off (full mode)
		175 ⇔ 179	Color calibration off (single color)
		180 ⇔ 184	Color calibration on (single color)
		185 ⇔ 239	No function
240 ⇔ 247	Color calibration on		
248 ⇔ 255	Color calibration off		

14CH

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 ⇔ 019	Off
		020 ⇔ 024	On
		025 ⇔ 064	Strobe, fast to slow
		065 ⇔ 069	On
		070 ⇔ 084	Fast on, slow off (fast to slow)
		085 ⇔ 089	On
		090 ⇔ 104	Slow on, fast off (fast to slow)
		105 ⇔ 109	On
		110 ⇔ 124	Random strobe, fast to slow
		125 ⇔ 129	On
		130 ⇔ 144	Random fast on, slow off (fast to slow)
		145 ⇔ 149	On
		150 ⇔ 164	Random slow on, fast off (fast to slow)
		165 ⇔ 169	On
170 ⇔ 184	Pulse strobe, fast to slow		
185 ⇔ 189	On		
190 ⇔ 204	Random pulse strobe, fast to slow		
205 ⇔ 209	On		
210 ⇔ 224	Slow on, slow off (fast to slow)		
225 ⇔ 229	On		
230 ⇔ 244	Pulse strobe, fast to slow		
245 ⇔ 255	On		
8	Red	000 ⇔ 255	0–100%
9	Green	000 ⇔ 255	0–100%
10	Blue	000 ⇔ 255	0–100%
11	White	000 ⇔ 255	0–100%

QUICK REFERENCE GUIDE



Rogue R1 Beam Wash

Channel	Function	Value	Percent/Setting
12	Color	000 ⇔ 004	No function
		005 ⇔ 009	Color 1
		010 ⇔ 014	Color 2
		015 ⇔ 019	Color 3
		020 ⇔ 024	Color 4
		025 ⇔ 029	Color 5
		030 ⇔ 034	Color 6
		035 ⇔ 039	Color 7
		040 ⇔ 044	Color 8
		045 ⇔ 049	Color 9
		050 ⇔ 054	Color 10
		055 ⇔ 059	Color 11
		060 ⇔ 064	Color 12
		065 ⇔ 069	Color 13
		070 ⇔ 074	Color 14
		075 ⇔ 079	Color 15
		080 ⇔ 084	Color 16
		085 ⇔ 089	Color 17
		090 ⇔ 094	Color 18
		095 ⇔ 099	Color 19
		100 ⇔ 104	Color 20
		105 ⇔ 109	Color 21
		110 ⇔ 114	Color 22
		115 ⇔ 119	Color 23
		120 ⇔ 124	Color 24
		125 ⇔ 129	Color 25
		130 ⇔ 134	Color 26
		135 ⇔ 139	Color 27
		140 ⇔ 144	Color 28
		145 ⇔ 149	Color 29
		150 ⇔ 154	Color 30
		155 ⇔ 159	Color 31
		160 ⇔ 164	Color 32
165 ⇔ 169	Color 33		
170 ⇔ 174	Color 34		
175 ⇔ 179	No function		
180 ⇔ 201	Color scroll, fast to slow		
202 ⇔ 207	Hold		
208 ⇔ 229	Reverse color scroll, fast to slow		
230 ⇔ 234	No function		
235 ⇔ 249	Color snap, fast to slow		
250 ⇔ 255	No function		
13	Zoom	000 ⇔ 255	0–100%

Channel	Function	Value	Percent/Setting
14	Control (5 second activation delay)	000 ⇔ 009	No function
		010 ⇔ 014	Blackout during pan/tilt
		015 ⇔ 049	No function
		050 ⇔ 054	Pan reset
		055 ⇔ 059	Tilt reset
		060 ⇔ 064	Zoom reset
		065 ⇔ 069	No function
		070 ⇔ 074	Reset all
		075 ⇔ 079	No function
		080 ⇔ 084	Reverse pan and tilt movement
		085 ⇔ 089	Reverse pan movement
		090 ⇔ 094	Reverse tilt movement
		095 ⇔ 099	Normal pan movement
		100 ⇔ 104	Normal tilt movement
		105 ⇔ 109	Normal pan and tilt movement
		110 ⇔ 119	No function
		120 ⇔ 124	Fan ECO mode
		125 ⇔ 129	Fan full speed
		130 ⇔ 134	Fan auto mode
		135 ⇔ 139	Fast dimmer curve
		140 ⇔ 144	Smooth dimmer curve
		145 ⇔ 149	Linear curve
		150 ⇔ 154	Square curve
		155 ⇔ 159	I Square curve
		160 ⇔ 164	SCurve
		165 ⇔ 169	White mode on
		170 ⇔ 174	White mode off (full mode)
		175 ⇔ 179	Color calibration off (single color)
		180 ⇔ 184	Color calibration on (single color)
		185 ⇔ 239	No function
240 ⇔ 247	Color calibration on		
248 ⇔ 255	Color calibration off		