

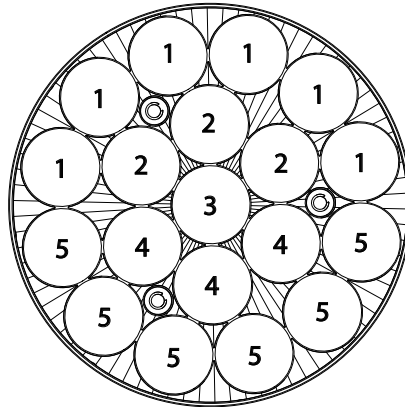
# QUICK REFERENCE GUIDE



## Rogue Outcast 2X Wash

### DMX Values

### Zones for DMX Control



### 56CH

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	Strobe 100-0%, fast to slow
		085 ⇔ 089	On
		090 ⇔ 104	Strobe 0-100%, fast to slow
		105 ⇔ 109	On
		110 ⇔ 124	Random strobe, fast to slow
		125 ⇔ 129	On
		130 ⇔ 144	Random strobe 100-0%, fast to slow
		145 ⇔ 149	On
		150 ⇔ 164	Random strobe 0-100%, 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	Strobe 100-0-100%, fast to slow		
225 ⇔ 229	On		
230 ⇔ 244	Random inverse pulse strobe, fast to slow		
245 ⇔ 255	On		
9	Red 1	000 ⇔ 255	0–100%
10	Fine red 1	000 ⇔ 255	Fine control (16-bit)
11	Green 1	000 ⇔ 255	0–100%
12	Fine green 1	000 ⇔ 255	Fine control (16-bit)
13	Blue 1	000 ⇔ 255	0–100%
14	Fine blue 1	000 ⇔ 255	Fine control (16-bit)
15	White 1	000 ⇔ 255	0–100%
16	Fine white 1	000 ⇔ 255	Fine control (16-bit)

Channel	Function	Value	Percent/Setting
17	Red 2	000 ⇔ 255	0–100%
18	Fine red 2	000 ⇔ 255	Fine control (16-bit)
19	Green 2	000 ⇔ 255	0–100%
20	Fine green 2	000 ⇔ 255	Fine control (16-bit)
21	Blue 2	000 ⇔ 255	0–100%
22	Fine blue 2	000 ⇔ 255	Fine control (16-bit)
23	White 2	000 ⇔ 255	0–100%
24	Fine white 2	000 ⇔ 255	Fine control (16-bit)
25	Red 3	000 ⇔ 255	0–100%
26	Fine red 3	000 ⇔ 255	Fine control (16-bit)
27	Green 3	000 ⇔ 255	0–100%
28	Fine green 3	000 ⇔ 255	Fine control (16-bit)
29	Blue 3	000 ⇔ 255	0–100%
30	Fine blue 3	000 ⇔ 255	Fine control (16-bit)
31	White 3	000 ⇔ 255	0–100%
32	Fine white 3	000 ⇔ 255	Fine control (16-bit)
33	Red 4	000 ⇔ 255	0–100%
34	Fine red 4	000 ⇔ 255	Fine control (16-bit)
35	Green 4	000 ⇔ 255	0–100%
36	Fine green 4	000 ⇔ 255	Fine control (16-bit)
37	Blue 4	000 ⇔ 255	0–100%
38	Fine blue 4	000 ⇔ 255	Fine control (16-bit)
39	White 4	000 ⇔ 255	0–100%
40	Fine white 4	000 ⇔ 255	Fine control (16-bit)
41	Red 5	000 ⇔ 255	0–100%
42	Fine red 5	000 ⇔ 255	Fine control (16-bit)
43	Green 5	000 ⇔ 255	0–100%
44	Fine green 5	000 ⇔ 255	Fine control (16-bit)
45	Blue 5	000 ⇔ 255	0–100%
46	Fine blue 5	000 ⇔ 255	Fine control (16-bit)
47	White 5	000 ⇔ 255	0–100%
48	Fine white 5	000 ⇔ 255	Fine control (16-bit)

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### Rogue Outcast 2X Wash

Channel	Function	Value	Percent/Setting
49	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		

Channel	Function	Value	Percent/Setting
50	Zone Selection	000 ⇄ 007	Zone 1, 2, 3, 4, 5
		008 ⇄ 015	Zone 1, 2, 3, 4
		016 ⇄ 023	Zone 1, 2, 3
		024 ⇄ 031	Zone 1, 2
		032 ⇄ 039	Zone 1
		040 ⇄ 047	No zones
		048 ⇄ 055	Zone 5
		056 ⇄ 063	Zone 4, 5
		064 ⇄ 071	Zone 3, 4, 5
		072 ⇄ 079	Zone 2, 3, 4, 5
		080 ⇄ 087	Zone 1, 2, 3, 4, 5
		088 ⇄ 095	Zone 5
		096 ⇄ 103	Zone 4
		104 ⇄ 111	Zone 3
		112 ⇄ 119	Zone 2
		120 ⇄ 127	Zone 1
		128 ⇄ 135	Zone 4, 5
		136 ⇄ 143	Zone 3, 4
		144 ⇄ 151	Zone 2, 3
		152 ⇄ 159	Zone 1, 2
		160 ⇄ 167	Zone 1, 5
		168 ⇄ 175	Zone 3, 4, 5
		176 ⇄ 183	Zone 2, 3, 4
		184 ⇄ 191	Zone 1, 2, 3
		192 ⇄ 199	Zone 1, 2, 5
		200 ⇄ 207	Zone 1, 4, 5
		208 ⇄ 215	Zone 2, 3, 4, 5
		216 ⇄ 223	Zone 1, 2, 3, 4
		224 ⇄ 231	Zone 1, 2, 3, 5
		232 ⇄ 239	Zone 1, 2, 4, 5
240 ⇄ 247	Zone 1, 3, 4, 5		
248 ⇄ 255	Zone 1, 2, 3, 4, 5		

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Rogue Outcast 2X Wash

Channel	Function	Value	Percent/Setting
51	Programs	000 ⇔ 015	No function
		016 ⇔ 020	Zone program 1
		021 ⇔ 025	Zone program 2
		026 ⇔ 030	Zone program 3
		031 ⇔ 035	Zone program 4
		036 ⇔ 040	Zone program 5
		041 ⇔ 045	Zone program 6
		046 ⇔ 050	Zone program 7
		051 ⇔ 055	Zone program 8
		056 ⇔ 060	Zone program 9
		061 ⇔ 065	Zone program 10
		066 ⇔ 070	Zone program 11
		071 ⇔ 075	Zone program 12
		076 ⇔ 080	Zone program 13
		081 ⇔ 085	Zone program 14
		086 ⇔ 090	Zone program 15
		091 ⇔ 095	Zone program 16
		096 ⇔ 100	Zone program 17
		101 ⇔ 105	Zone program 18
		106 ⇔ 110	Zone program 19
		111 ⇔ 115	Zone program 20
		116 ⇔ 120	Zone program 21
		121 ⇔ 125	Zone program 22
		126 ⇔ 130	Zone program 23
		131 ⇔ 135	Zone program 24
		136 ⇔ 140	Color program 1
		141 ⇔ 145	Color program 2
		146 ⇔ 150	Color program 3
		151 ⇔ 155	Color program 4
		156 ⇔ 160	Color program 5
		161 ⇔ 165	Color program 6
		166 ⇔ 170	Color program 7
		171 ⇔ 175	Color program 8
		176 ⇔ 180	Color program 9
		181 ⇔ 185	Color program 10
		186 ⇔ 190	Color program 11
		191 ⇔ 195	Color program 12
		196 ⇔ 200	Color program 13
		201 ⇔ 205	Color program 14
		206 ⇔ 210	Color program 15
211 ⇔ 215	Color program 16		
216 ⇔ 220	Color program 17		
221 ⇔ 225	Color program 18		
226 ⇔ 230	Color program 19		
231 ⇔ 235	Color program 20		
236 ⇔ 240	Color program 21		
241 ⇔ 245	Color program 22		
246 ⇔ 250	Color program 23		
251 ⇔ 255	Color program 24		
52	Program Speed	000 ⇔ 255	0-100%

Channel	Function	Value	Percent/Setting
53	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		
54	Movement macro speed	000 ⇔ 255	Fast to slow
55	Zoom	000 ⇔ 255	0–100%
56	Control	000 ⇔ 009	No function
		010 ⇔ 014	Blackout on pan/tilt
		015 ⇔ 049	Reserved for future use
		050 ⇔ 054	Reset pan
		055 ⇔ 059	Reset tilt
		060 ⇔ 064	Reset zoom
		065 ⇔ 069	Reserved for future use
		070 ⇔ 074	Reset all
		075 ⇔ 099	Reserved for future use
		100 ⇔ 104	Tilt range 260°
		105 ⇔ 109	Tilt range 180°
		110 ⇔ 114	Tilt range 90°
		115 ⇔ 119	Tilt range 230°
		120 ⇔ 124	Fan mode ECO
		125 ⇔ 129	Fan mode Full
		130 ⇔ 134	Fan mode Auto
		135 ⇔ 139	Fast dimmer
		140 ⇔ 144	Smooth dimmer
		145 ⇔ 149	Linear dimmer curve
		150 ⇔ 154	Square dimmer curve
		155 ⇔ 159	Inverse square dimmer curve
		160 ⇔ 164	S-curve dimmer curve
		165 ⇔ 169	White mode
		170 ⇔ 174	Full mode
		175 ⇔ 179	Color calibration off when single color
		180 ⇔ 184	Color calibration on when single color
		185 ⇔ 239	No function
		240 ⇔ 247	Color calibration on
248 ⇔ 255	Color calibration off		

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### Rogue Outcast 2X Wash

#### 55CH

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	Strobe 100-0%, fast to slow
		085 ⇔ 089	On
		090 ⇔ 104	Strobe 0-100%, fast to slow
		105 ⇔ 109	On
		110 ⇔ 124	Random strobe, fast to slow
		125 ⇔ 129	On
		130 ⇔ 144	Random strobe 100-0%, fast to slow
		145 ⇔ 149	On
		150 ⇔ 164	Random strobe 0-100%, 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	Strobe 100-0-100%, fast to slow		
225 ⇔ 229	On		
230 ⇔ 244	Random inverse pulse strobe, fast to slow		
245 ⇔ 255	On		
9	CTC	000 ⇔ 255	Color temperature, 2800–10000K
10	Red 1	000 ⇔ 255	0–100%
11	Fine red 1	000 ⇔ 255	Fine control (16-bit)
12	Green 1	000 ⇔ 255	0–100%
13	Fine green 1	000 ⇔ 255	Fine control (16-bit)
14	Blue 1	000 ⇔ 255	0–100%
15	Fine blue 1	000 ⇔ 255	Fine control (16-bit)
16	White 1	000 ⇔ 255	0–100%
17	Fine white 1	000 ⇔ 255	Fine control (16-bit)
18	Red 2	000 ⇔ 255	0–100%
19	Fine red 2	000 ⇔ 255	Fine control (16-bit)
20	Green 2	000 ⇔ 255	0–100%
21	Fine green 2	000 ⇔ 255	Fine control (16-bit)
22	Blue 2	000 ⇔ 255	0–100%
23	Fine blue 2	000 ⇔ 255	Fine control (16-bit)
24	White 2	000 ⇔ 255	0–100%
25	Fine white 2	000 ⇔ 255	Fine control (16-bit)
26	Red 3	000 ⇔ 255	0–100%
27	Fine red 3	000 ⇔ 255	Fine control (16-bit)
28	Green 3	000 ⇔ 255	0–100%
29	Fine green 3	000 ⇔ 255	Fine control (16-bit)
30	Blue 3	000 ⇔ 255	0–100%
31	Fine blue 3	000 ⇔ 255	Fine control (16-bit)

Channel	Function	Value	Percent/Setting
32	White 3	000 ⇔ 255	0–100%
33	Fine white 3	000 ⇔ 255	Fine control (16-bit)
34	Red 4	000 ⇔ 255	0–100%
35	Fine red 4	000 ⇔ 255	Fine control (16-bit)
36	Green 4	000 ⇔ 255	0–100%
37	Fine green 4	000 ⇔ 255	Fine control (16-bit)
38	Blue 4	000 ⇔ 255	0–100%
39	Fine blue 4	000 ⇔ 255	Fine control (16-bit)
40	White 4	000 ⇔ 255	0–100%
41	Fine white 4	000 ⇔ 255	Fine control (16-bit)
42	Red 5	000 ⇔ 255	0–100%
43	Fine red 5	000 ⇔ 255	Fine control (16-bit)
44	Green 5	000 ⇔ 255	0–100%
45	Fine green 5	000 ⇔ 255	Fine control (16-bit)
46	Blue 5	000 ⇔ 255	0–100%
47	Fine blue 5	000 ⇔ 255	Fine control (16-bit)
48	White 5	000 ⇔ 255	0–100%
49	Fine white 5	000 ⇔ 255	Fine control (16-bit)



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### Rogue Outcast 2X Wash

Channel	Function	Value	Percent/Setting
50	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		

Channel	Function	Value	Percent/Setting
51	Zone Selection	000 ⇔ 007	Zone 1, 2, 3, 4, 5
		008 ⇔ 015	Zone 1, 2, 3, 4
		016 ⇔ 023	Zone 1, 2, 3
		024 ⇔ 031	Zone 1, 2
		032 ⇔ 039	Zone 1
		040 ⇔ 047	No zones
		048 ⇔ 055	Zone 5
		056 ⇔ 063	Zone 4, 5
		064 ⇔ 071	Zone 3, 4, 5
		072 ⇔ 079	Zone 2, 3, 4, 5
		080 ⇔ 087	Zone 1, 2, 3, 4, 5
		088 ⇔ 095	Zone 5
		096 ⇔ 103	Zone 4
		104 ⇔ 111	Zone 3
		112 ⇔ 119	Zone 2
		120 ⇔ 127	Zone 1
		128 ⇔ 135	Zone 4, 5
		136 ⇔ 143	Zone 3, 4
		144 ⇔ 151	Zone 2, 3
		152 ⇔ 159	Zone 1, 2
		160 ⇔ 167	Zone 1, 5
		168 ⇔ 175	Zone 3, 4, 5
		176 ⇔ 183	Zone 2, 3, 4
		184 ⇔ 191	Zone 1, 2, 3
		192 ⇔ 199	Zone 1, 2, 5
		200 ⇔ 207	Zone 1, 4, 5
		208 ⇔ 215	Zone 2, 3, 4, 5
		216 ⇔ 223	Zone 1, 2, 3, 4
		224 ⇔ 231	Zone 1, 2, 3, 5
		232 ⇔ 239	Zone 1, 2, 4, 5
240 ⇔ 247	Zone 1, 3, 4, 5		
248 ⇔ 255	Zone 1, 2, 3, 4, 5		

## QUICK REFERENCE GUIDE



### Rogue Outcast 2X Wash

Channel	Function	Value	Percent/Setting
52	Programs	000 ⇔ 015	No function
		016 ⇔ 020	Zone program 1
		021 ⇔ 025	Zone program 2
		026 ⇔ 030	Zone program 3
		031 ⇔ 035	Zone program 4
		036 ⇔ 040	Zone program 5
		041 ⇔ 045	Zone program 6
		046 ⇔ 050	Zone program 7
		051 ⇔ 055	Zone program 8
		056 ⇔ 060	Zone program 9
		061 ⇔ 065	Zone program 10
		066 ⇔ 070	Zone program 11
		071 ⇔ 075	Zone program 12
		076 ⇔ 080	Zone program 13
		081 ⇔ 085	Zone program 14
		086 ⇔ 090	Zone program 15
		091 ⇔ 095	Zone program 16
		096 ⇔ 100	Zone program 17
		101 ⇔ 105	Zone program 18
		106 ⇔ 110	Zone program 19
		111 ⇔ 115	Zone program 20
		116 ⇔ 120	Zone program 21
		121 ⇔ 125	Zone program 22
		126 ⇔ 130	Zone program 23
		131 ⇔ 135	Zone program 24
		136 ⇔ 140	Color program 1
		141 ⇔ 145	Color program 2
		146 ⇔ 150	Color program 3
		151 ⇔ 155	Color program 4
		156 ⇔ 160	Color program 5
		161 ⇔ 165	Color program 6
		166 ⇔ 170	Color program 7
		171 ⇔ 175	Color program 8
		176 ⇔ 180	Color program 9
		181 ⇔ 185	Color program 10
		186 ⇔ 190	Color program 11
		191 ⇔ 195	Color program 12
		196 ⇔ 200	Color program 13
		201 ⇔ 205	Color program 14
		206 ⇔ 210	Color program 15
		211 ⇔ 215	Color program 16
		216 ⇔ 220	Color program 17
		221 ⇔ 225	Color program 18
		226 ⇔ 230	Color program 19
231 ⇔ 235	Color program 20		
236 ⇔ 240	Color program 21		
241 ⇔ 245	Color program 22		
246 ⇔ 250	Color program 23		
251 ⇔ 255	Color program 24		
53	Program Speed	000 ⇔ 255	0–100%
54	Zoom	000 ⇔ 255	0–100%

Channel	Function	Value	Percent/Setting
<b>55</b>	<b>Control</b>	000 ⇔ 009	No function
		010 ⇔ 014	Blackout on pan/tilt
		015 ⇔ 049	Reserved for future use
		050 ⇔ 054	Reset pan
		055 ⇔ 059	Reset tilt
		060 ⇔ 064	Reset zoom
		065 ⇔ 069	Reserved for future use
		070 ⇔ 074	Reset all
		075 ⇔ 099	Reserved for future use
		100 ⇔ 104	Tilt range 260°
		105 ⇔ 109	Tilt range 180°
		110 ⇔ 114	Tilt range 90°
		115 ⇔ 119	Tilt range 230°
		120 ⇔ 124	Fan mode ECO
		125 ⇔ 129	Fan mode Full
		130 ⇔ 134	Fan mode Auto
		135 ⇔ 139	Fast dimmer
		140 ⇔ 144	Smooth dimmer
		145 ⇔ 149	Linear dimmer curve
		150 ⇔ 154	Square dimmer curve
		155 ⇔ 159	Inverse square dimmer curve
		160 ⇔ 164	S-curve dimmer curve
		165 ⇔ 169	White mode
		170 ⇔ 174	Full mode
		175 ⇔ 179	Color calibration off when single color
		180 ⇔ 184	Color calibration on when single color
185 ⇔ 239	No function		
240 ⇔ 247	Color calibration on		
248 ⇔ 250	Color calibration off		
251 ⇔ 255	No function		

**54CH**

Channel	Function	Value	Percent/Setting
<b>1</b>	<b>Pan</b>	000 ⇔ 255	0–100%
<b>2</b>	<b>Fine pan</b>	000 ⇔ 255	Fine control (16-bit)
<b>3</b>	<b>Tilt</b>	000 ⇔ 255	0–100%
<b>4</b>	<b>Fine tilt</b>	000 ⇔ 255	Fine control (16-bit)
<b>5</b>	<b>Pan/tilt speed</b>	000 ⇔ 255	Fast to slow
<b>6</b>	<b>Dimmer</b>	000 ⇔ 255	0–100%
<b>7</b>	<b>Fine dimmer</b>	000 ⇔ 255	Fine control (16-bit)

## QUICK REFERENCE GUIDE



### Rogue Outcast 2X Wash

Channel	Function	Value	Percent/Setting
8	Strobe	000 ⇔ 019	Off
		020 ⇔ 024	On
		025 ⇔ 064	Strobe, fast to slow
		065 ⇔ 069	On
		070 ⇔ 084	Strobe 100-0%, fast to slow
		085 ⇔ 089	On
		090 ⇔ 104	Strobe 0-100%, fast to slow
		105 ⇔ 109	On
		110 ⇔ 124	Random strobe, fast to slow
		125 ⇔ 129	On
		130 ⇔ 144	Random strobe 100-0%, fast to slow
		145 ⇔ 149	On
		150 ⇔ 164	Random strobe 0-100%, 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	Strobe 100-0-100%, fast to slow		
225 ⇔ 229	On		
230 ⇔ 244	Random inverse pulse strobe, fast to slow		
245 ⇔ 255	On		
9	Red 1	000 ⇔ 255	0-100%
10	Fine red 1	000 ⇔ 255	Fine control (16-bit)
11	Green 1	000 ⇔ 255	0-100%
12	Fine green 1	000 ⇔ 255	Fine control (16-bit)
13	Blue 1	000 ⇔ 255	0-100%
14	Fine blue 1	000 ⇔ 255	Fine control (16-bit)
15	White 1	000 ⇔ 255	0-100%
16	Fine white 1	000 ⇔ 255	Fine control (16-bit)
17	Red 2	000 ⇔ 255	0-100%
18	Fine red 2	000 ⇔ 255	Fine control (16-bit)
19	Green 2	000 ⇔ 255	0-100%
20	Fine green 2	000 ⇔ 255	Fine control (16-bit)
21	Blue 2	000 ⇔ 255	0-100%
22	Fine blue 2	000 ⇔ 255	Fine control (16-bit)
23	White 2	000 ⇔ 255	0-100%
24	Fine white 2	000 ⇔ 255	Fine control (16-bit)
25	Red 3	000 ⇔ 255	0-100%
26	Fine red 3	000 ⇔ 255	Fine control (16-bit)
27	Green 3	000 ⇔ 255	0-100%
28	Fine green 3	000 ⇔ 255	Fine control (16-bit)
29	Blue 3	000 ⇔ 255	0-100%
30	Fine blue 3	000 ⇔ 255	Fine control (16-bit)
31	White 3	000 ⇔ 255	0-100%
32	Fine white 3	000 ⇔ 255	Fine control (16-bit)
33	Red 4	000 ⇔ 255	0-100%
34	Fine red 4	000 ⇔ 255	Fine control (16-bit)
35	Green 4	000 ⇔ 255	0-100%
36	Fine green 4	000 ⇔ 255	Fine control (16-bit)
37	Blue 4	000 ⇔ 255	0-100%
38	Fine blue 4	000 ⇔ 255	Fine control (16-bit)
39	White 4	000 ⇔ 255	0-100%

Channel	Function	Value	Percent/Setting
40	Fine white 4	000 ⇔ 255	Fine control (16-bit)
41	Red 5	000 ⇔ 255	0–100%
42	Fine red 5	000 ⇔ 255	Fine control (16-bit)
43	Green 5	000 ⇔ 255	0–100%
44	Fine green 5	000 ⇔ 255	Fine control (16-bit)
45	Blue 5	000 ⇔ 255	0–100%
46	Fine blue 5	000 ⇔ 255	Fine control (16-bit)
47	White 5	000 ⇔ 255	0–100%
48	Fine white 5	000 ⇔ 255	Fine control (16-bit)
49	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		

QUICK REFERENCE GUIDE



Rogue Outcast 2X Wash

Channel	Function	Value	Percent/Setting
50	Zone Selection	000 ⇔ 007	Zone 1, 2, 3, 4, 5
		008 ⇔ 015	Zone 1, 2, 3, 4
		016 ⇔ 023	Zone 1, 2, 3
		024 ⇔ 031	Zone 1, 2
		032 ⇔ 039	Zone 1
		040 ⇔ 047	No zones
		048 ⇔ 055	Zone 5
		056 ⇔ 063	Zone 4, 5
		064 ⇔ 071	Zone 3, 4, 5
		072 ⇔ 079	Zone 2, 3, 4, 5
		080 ⇔ 087	Zone 1, 2, 3, 4, 5
		088 ⇔ 095	Zone 5
		096 ⇔ 103	Zone 4
		104 ⇔ 111	Zone 3
		112 ⇔ 119	Zone 2
		120 ⇔ 127	Zone 1
		128 ⇔ 135	Zone 4, 5
		136 ⇔ 143	Zone 3, 4
		144 ⇔ 151	Zone 2, 3
		152 ⇔ 159	Zone 1, 2
		160 ⇔ 167	Zone 1, 5
		168 ⇔ 175	Zone 3, 4, 5
		176 ⇔ 183	Zone 2, 3, 4
		184 ⇔ 191	Zone 1, 2, 3
		192 ⇔ 199	Zone 1, 2, 5
		200 ⇔ 207	Zone 1, 4, 5
		208 ⇔ 215	Zone 2, 3, 4, 5
		216 ⇔ 223	Zone 1, 2, 3, 4
		224 ⇔ 231	Zone 1, 2, 3, 5
		232 ⇔ 239	Zone 1, 2, 4, 5
240 ⇔ 247	Zone 1, 3, 4, 5		
248 ⇔ 255	Zone 1, 2, 3, 4, 5		

Channel	Function	Value	Percent/Setting
51	Programs	000 ⇔ 015	No function
		016 ⇔ 020	Zone program 1
		021 ⇔ 025	Zone program 2
		026 ⇔ 030	Zone program 3
		031 ⇔ 035	Zone program 4
		036 ⇔ 040	Zone program 5
		041 ⇔ 045	Zone program 6
		046 ⇔ 050	Zone program 7
		051 ⇔ 055	Zone program 8
		056 ⇔ 060	Zone program 9
		061 ⇔ 065	Zone program 10
		066 ⇔ 070	Zone program 11
		071 ⇔ 075	Zone program 12
		076 ⇔ 080	Zone program 13
		081 ⇔ 085	Zone program 14
		086 ⇔ 090	Zone program 15
		091 ⇔ 095	Zone program 16
		096 ⇔ 100	Zone program 17
		101 ⇔ 105	Zone program 18
		106 ⇔ 110	Zone program 19
		111 ⇔ 115	Zone program 20
		116 ⇔ 120	Zone program 21
		121 ⇔ 125	Zone program 22
		126 ⇔ 130	Zone program 23
		131 ⇔ 135	Zone program 24
		136 ⇔ 140	Color program 1
		141 ⇔ 145	Color program 2
		146 ⇔ 150	Color program 3
		151 ⇔ 155	Color program 4
		156 ⇔ 160	Color program 5
		161 ⇔ 165	Color program 6
		166 ⇔ 170	Color program 7
		171 ⇔ 175	Color program 8
		176 ⇔ 180	Color program 9
		181 ⇔ 185	Color program 10
		186 ⇔ 190	Color program 11
		191 ⇔ 195	Color program 12
		196 ⇔ 200	Color program 13
		201 ⇔ 205	Color program 14
		206 ⇔ 210	Color program 15
		211 ⇔ 215	Color program 16
		216 ⇔ 220	Color program 17
		221 ⇔ 225	Color program 18
		226 ⇔ 230	Color program 19
		231 ⇔ 235	Color program 20
		236 ⇔ 240	Color program 21
		241 ⇔ 245	Color program 22
		246 ⇔ 250	Color program 23
251 ⇔ 255	Color program 24		
52	Program Speed	000 ⇔ 255	0–100%
53	Zoom	000 ⇔ 255	0–100%



## QUICK REFERENCE GUIDE



### Rogue Outcast 2X Wash

Channel	Function	Value	Percent/Setting
54	Control	000 ⇔ 009	No function
		010 ⇔ 014	Blackout on pan/tilt
		015 ⇔ 049	Reserved for future use
		050 ⇔ 054	Reset pan
		055 ⇔ 059	Reset tilt
		060 ⇔ 064	Reset zoom
		065 ⇔ 069	Reserved for future use
		070 ⇔ 074	Reset all
		075 ⇔ 099	Reserved for future use
		100 ⇔ 104	Tilt range 260°
		105 ⇔ 109	Tilt range 180°
		110 ⇔ 114	Tilt range 90°
		115 ⇔ 119	Tilt range 230°
		120 ⇔ 124	Fan mode ECO
		125 ⇔ 129	Fan mode Full
		130 ⇔ 134	Fan mode Auto
		135 ⇔ 139	Fast dimmer
		140 ⇔ 144	Smooth dimmer
		145 ⇔ 149	Linear dimmer curve
		150 ⇔ 154	Square dimmer curve
		155 ⇔ 159	Inverse square dimmer curve
		160 ⇔ 164	S-curve dimmer curve
		165 ⇔ 169	White mode
		170 ⇔ 174	Full mode
		175 ⇔ 179	Color calibration off when single color
		180 ⇔ 184	Color calibration on when single color
		185 ⇔ 239	No function
		240 ⇔ 247	Color calibration on
		248 ⇔ 255	Color calibration off

33CH

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	Strobe 100-0%, fast to slow
		085 ⇄ 089	On
		090 ⇄ 104	Strobe 0-100%, fast to slow
		105 ⇄ 109	On
		110 ⇄ 124	Random strobe, fast to slow
		125 ⇄ 129	On
		130 ⇄ 144	Random strobe 100-0%, fast to slow
		145 ⇄ 149	On
		150 ⇄ 164	Random strobe 0-100%, 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	Strobe 100-0-100%, fast to slow		
225 ⇄ 229	On		
230 ⇄ 244	Random inverse pulse strobe, fast to slow		
245 ⇄ 255	On		
8	Red 1	000 ⇄ 255	0–100%
9	Green 1	000 ⇄ 255	0–100%
10	Blue 1	000 ⇄ 255	0–100%
11	White 1	000 ⇄ 255	0–100%
12	Red 2	000 ⇄ 255	0–100%
13	Green 2	000 ⇄ 255	0–100%
14	Blue 2	000 ⇄ 255	0–100%
15	White 2	000 ⇄ 255	0–100%
16	Red 3	000 ⇄ 255	0–100%
17	Green 3	000 ⇄ 255	0–100%
18	Blue 3	000 ⇄ 255	0–100%
19	White 3	000 ⇄ 255	0–100%
20	Red 4	000 ⇄ 255	0–100%
21	Green 4	000 ⇄ 255	0–100%
22	Blue 4	000 ⇄ 255	0–100%
23	White 4	000 ⇄ 255	0–100%
24	Red 5	000 ⇄ 255	0–100%
25	Green 5	000 ⇄ 255	0–100%
26	Blue 5	000 ⇄ 255	0–100%
27	White 5	000 ⇄ 255	0–100%

## QUICK REFERENCE GUIDE



### Rogue Outcast 2X Wash

Channel	Function	Value	Percent/Setting
28	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		

Channel	Function	Value	Percent/Setting
29	Zone Selection	000 ⇄ 007	Zone 1, 2, 3, 4, 5
		008 ⇄ 015	Zone 1, 2, 3, 4
		016 ⇄ 023	Zone 1, 2, 3
		024 ⇄ 031	Zone 1, 2
		032 ⇄ 039	Zone 1
		040 ⇄ 047	No zones
		048 ⇄ 055	Zone 5
		056 ⇄ 063	Zone 4, 5
		064 ⇄ 071	Zone 3, 4, 5
		072 ⇄ 079	Zone 2, 3, 4, 5
		080 ⇄ 087	Zone 1, 2, 3, 4, 5
		088 ⇄ 095	Zone 5
		096 ⇄ 103	Zone 4
		104 ⇄ 111	Zone 3
		112 ⇄ 119	Zone 2
		120 ⇄ 127	Zone 1
		128 ⇄ 135	Zone 4, 5
		136 ⇄ 143	Zone 3, 4
		144 ⇄ 151	Zone 2, 3
		152 ⇄ 159	Zone 1, 2
		160 ⇄ 167	Zone 1, 5
		168 ⇄ 175	Zone 3, 4, 5
		176 ⇄ 183	Zone 2, 3, 4
		184 ⇄ 191	Zone 1, 2, 3
		192 ⇄ 199	Zone 1, 2, 5
		200 ⇄ 207	Zone 1, 4, 5
		208 ⇄ 215	Zone 2, 3, 4, 5
		216 ⇄ 223	Zone 1, 2, 3, 4
		224 ⇄ 231	Zone 1, 2, 3, 5
		232 ⇄ 239	Zone 1, 2, 4, 5
		240 ⇄ 247	Zone 1, 3, 4, 5
		248 ⇄ 255	Zone 1, 2, 3, 4, 5

## QUICK REFERENCE GUIDE



### Rogue Outcast 2X Wash

Channel	Function	Value	Percent/Setting
30	Programs	000 ⇔ 015	No function
		016 ⇔ 020	Zone program 1
		021 ⇔ 025	Zone program 2
		026 ⇔ 030	Zone program 3
		031 ⇔ 035	Zone program 4
		036 ⇔ 040	Zone program 5
		041 ⇔ 045	Zone program 6
		046 ⇔ 050	Zone program 7
		051 ⇔ 055	Zone program 8
		056 ⇔ 060	Zone program 9
		061 ⇔ 065	Zone program 10
		066 ⇔ 070	Zone program 11
		071 ⇔ 075	Zone program 12
		076 ⇔ 080	Zone program 13
		081 ⇔ 085	Zone program 14
		086 ⇔ 090	Zone program 15
		091 ⇔ 095	Zone program 16
		096 ⇔ 100	Zone program 17
		101 ⇔ 105	Zone program 18
		106 ⇔ 110	Zone program 19
		111 ⇔ 115	Zone program 20
		116 ⇔ 120	Zone program 21
		121 ⇔ 125	Zone program 22
		126 ⇔ 130	Zone program 23
		131 ⇔ 135	Zone program 24
		136 ⇔ 140	Color program 1
		141 ⇔ 145	Color program 2
		146 ⇔ 150	Color program 3
		151 ⇔ 155	Color program 4
		156 ⇔ 160	Color program 5
		161 ⇔ 165	Color program 6
		166 ⇔ 170	Color program 7
		171 ⇔ 175	Color program 8
		176 ⇔ 180	Color program 9
		181 ⇔ 185	Color program 10
		186 ⇔ 190	Color program 11
		191 ⇔ 195	Color program 12
		196 ⇔ 200	Color program 13
		201 ⇔ 205	Color program 14
		206 ⇔ 210	Color program 15
		211 ⇔ 215	Color program 16
		216 ⇔ 220	Color program 17
		221 ⇔ 225	Color program 18
		226 ⇔ 230	Color program 19
231 ⇔ 235	Color program 20		
236 ⇔ 240	Color program 21		
241 ⇔ 245	Color program 22		
246 ⇔ 250	Color program 23		
251 ⇔ 255	Color program 24		
31	Program Speed	000 ⇔ 255	0–100%
32	Zoom	000 ⇔ 255	0–100%

Channel	Function	Value	Percent/Setting
33	Control	000 ⇔ 009	No function
		010 ⇔ 014	Blackout on pan/tilt
		015 ⇔ 049	Reserved for future use
		050 ⇔ 054	Reset pan
		055 ⇔ 059	Reset tilt
		060 ⇔ 064	Reset zoom
		065 ⇔ 069	Reserved for future use
		070 ⇔ 074	Reset all
		075 ⇔ 099	Reserved for future use
		100 ⇔ 104	Tilt range 260°
		105 ⇔ 109	Tilt range 180°
		110 ⇔ 114	Tilt range 90°
		115 ⇔ 119	Tilt range 230°
		120 ⇔ 124	Fan mode ECO
		125 ⇔ 129	Fan mode Full
		130 ⇔ 134	Fan mode Auto
		135 ⇔ 139	Fast dimmer
		140 ⇔ 144	Smooth dimmer
		145 ⇔ 149	Linear dimmer curve
		150 ⇔ 154	Square dimmer curve
		155 ⇔ 159	Inverse square dimmer curve
		160 ⇔ 164	S-curve dimmer curve
		165 ⇔ 169	White mode
		170 ⇔ 174	Full mode
		175 ⇔ 179	Color calibration off when single color
		180 ⇔ 184	Color calibration on when single color
		185 ⇔ 239	No function
		240 ⇔ 247	Color calibration on
248 ⇔ 255	Color calibration off		

## QUICK REFERENCE GUIDE



### Rogue Outcast 2X Wash

#### 23CH

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	Strobe 100-0%, fast to slow
		085 ⇔ 089	On
		090 ⇔ 104	Strobe 0-100%, fast to slow
		105 ⇔ 109	On
		110 ⇔ 124	Random strobe, fast to slow
		125 ⇔ 129	On
		130 ⇔ 144	Random strobe 100-0%, fast to slow
		145 ⇔ 149	On
		150 ⇔ 164	Random strobe 0-100%, 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	Strobe 100-0-100%, fast to slow		
225 ⇔ 229	On		
230 ⇔ 244	Random inverse pulse strobe, fast to slow		
245 ⇔ 255	On		
9	CTC	000 ⇔ 255	Color temperature, 2800–10000K
10	Red	000 ⇔ 255	0–100%
11	Fine red	000 ⇔ 255	Fine control (16-bit)
12	Green	000 ⇔ 255	0–100%
13	Fine green	000 ⇔ 255	Fine control (16-bit)
14	Blue	000 ⇔ 255	0–100%
15	Fine blue	000 ⇔ 255	Fine control (16-bit)
16	White	000 ⇔ 255	0–100%
17	Fine white	000 ⇔ 255	Fine control (16-bit)

Channel	Function	Value	Percent/Setting
18	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		



QUICK REFERENCE GUIDE



Rogue Outcast 2X Wash

Channel	Function	Value	Percent/Setting
19	Zone Selection	000 ⇔ 007	Zone 1, 2, 3, 4, 5
		008 ⇔ 015	Zone 1, 2, 3, 4
		016 ⇔ 023	Zone 1, 2, 3
		024 ⇔ 031	Zone 1, 2
		032 ⇔ 039	Zone 1
		040 ⇔ 047	No zones
		048 ⇔ 055	Zone 5
		056 ⇔ 063	Zone 4, 5
		064 ⇔ 071	Zone 3, 4, 5
		072 ⇔ 079	Zone 2, 3, 4, 5
		080 ⇔ 087	Zone 1, 2, 3, 4, 5
		088 ⇔ 095	Zone 5
		096 ⇔ 103	Zone 4
		104 ⇔ 111	Zone 3
		112 ⇔ 119	Zone 2
		120 ⇔ 127	Zone 1
		128 ⇔ 135	Zone 4, 5
		136 ⇔ 143	Zone 3, 4
		144 ⇔ 151	Zone 2, 3
		152 ⇔ 159	Zone 1, 2
		160 ⇔ 167	Zone 1, 5
		168 ⇔ 175	Zone 3, 4, 5
		176 ⇔ 183	Zone 2, 3, 4
		184 ⇔ 191	Zone 1, 2, 3
		192 ⇔ 199	Zone 1, 2, 5
		200 ⇔ 207	Zone 1, 4, 5
		208 ⇔ 215	Zone 2, 3, 4, 5
		216 ⇔ 223	Zone 1, 2, 3, 4
		224 ⇔ 231	Zone 1, 2, 3, 5
		232 ⇔ 239	Zone 1, 2, 4, 5
240 ⇔ 247	Zone 1, 3, 4, 5		
248 ⇔ 255	Zone 1, 2, 3, 4, 5		

Channel	Function	Value	Percent/Setting
20	Programs	000 ⇔ 015	No function
		016 ⇔ 020	Zone program 1
		021 ⇔ 025	Zone program 2
		026 ⇔ 030	Zone program 3
		031 ⇔ 035	Zone program 4
		036 ⇔ 040	Zone program 5
		041 ⇔ 045	Zone program 6
		046 ⇔ 050	Zone program 7
		051 ⇔ 055	Zone program 8
		056 ⇔ 060	Zone program 9
		061 ⇔ 065	Zone program 10
		066 ⇔ 070	Zone program 11
		071 ⇔ 075	Zone program 12
		076 ⇔ 080	Zone program 13
		081 ⇔ 085	Zone program 14
		086 ⇔ 090	Zone program 15
		091 ⇔ 095	Zone program 16
		096 ⇔ 100	Zone program 17
		101 ⇔ 105	Zone program 18
		106 ⇔ 110	Zone program 19
		111 ⇔ 115	Zone program 20
		116 ⇔ 120	Zone program 21
		121 ⇔ 125	Zone program 22
		126 ⇔ 130	Zone program 23
		131 ⇔ 135	Zone program 24
		136 ⇔ 140	Color program 1
		141 ⇔ 145	Color program 2
		146 ⇔ 150	Color program 3
		151 ⇔ 155	Color program 4
		156 ⇔ 160	Color program 5
		161 ⇔ 165	Color program 6
		166 ⇔ 170	Color program 7
		171 ⇔ 175	Color program 8
		176 ⇔ 180	Color program 9
		181 ⇔ 185	Color program 10
		186 ⇔ 190	Color program 11
		191 ⇔ 195	Color program 12
		196 ⇔ 200	Color program 13
		201 ⇔ 205	Color program 14
		206 ⇔ 210	Color program 15
		211 ⇔ 215	Color program 16
		216 ⇔ 220	Color program 17
		221 ⇔ 225	Color program 18
		226 ⇔ 230	Color program 19
231 ⇔ 235	Color program 20		
236 ⇔ 240	Color program 21		
241 ⇔ 245	Color program 22		
246 ⇔ 250	Color program 23		
251 ⇔ 255	Color program 24		
21	Program Speed	000 ⇔ 255	0–100%
22	Zoom	000 ⇔ 255	0–100%

## QUICK REFERENCE GUIDE



### Rogue Outcast 2X Wash

Channel	Function	Value	Percent/Setting
<b>23</b>	<b>Control</b>	000 ⇔ 009	No function
		010 ⇔ 014	Blackout on pan/tilt
		015 ⇔ 049	Reserved for future use
		050 ⇔ 054	Reset pan
		055 ⇔ 059	Reset tilt
		060 ⇔ 064	Reset zoom
		065 ⇔ 069	Reserved for future use
		070 ⇔ 074	Reset all
		075 ⇔ 099	Reserved for future use
		100 ⇔ 104	Tilt range 260°
		105 ⇔ 109	Tilt range 180°
		110 ⇔ 114	Tilt range 90°
		115 ⇔ 119	Tilt range 230°
		120 ⇔ 124	Fan mode ECO
		125 ⇔ 129	Fan mode Full
		130 ⇔ 134	Fan mode Auto
		135 ⇔ 139	Fast dimmer
		140 ⇔ 144	Smooth dimmer
		145 ⇔ 149	Linear dimmer curve
		150 ⇔ 154	Square dimmer curve
		155 ⇔ 159	Inverse square dimmer curve
		160 ⇔ 164	S-curve dimmer curve
		165 ⇔ 169	White mode
		170 ⇔ 174	Full mode
		175 ⇔ 179	Color calibration off when single color
180 ⇔ 184	Color calibration on when single color		
185 ⇔ 239	No function		
240 ⇔ 247	Color calibration on		
248 ⇔ 250	Color calibration off		
251 ⇔ 255	No function		

### 22CH

Channel	Function	Value	Percent/Setting
<b>1</b>	<b>Pan</b>	000 ⇔ 255	0–100%
<b>2</b>	<b>Fine pan</b>	000 ⇔ 255	Fine control (16-bit)
<b>3</b>	<b>Tilt</b>	000 ⇔ 255	0–100%
<b>4</b>	<b>Fine tilt</b>	000 ⇔ 255	Fine control (16-bit)
<b>5</b>	<b>Pan/tilt speed</b>	000 ⇔ 255	Fast to slow
<b>6</b>	<b>Dimmer</b>	000 ⇔ 255	0–100%
<b>7</b>	<b>Fine dimmer</b>	000 ⇔ 255	Fine control (16-bit)

Channel	Function	Value	Percent/Setting
<b>8</b>	<b>Strobe</b>	000 ⇔ 019	Off
		020 ⇔ 024	On
		025 ⇔ 064	Strobe, fast to slow
		065 ⇔ 069	On
		070 ⇔ 084	Strobe 100-0%, fast to slow
		085 ⇔ 089	On
		090 ⇔ 104	Strobe 0-100%, fast to slow
		105 ⇔ 109	On
		110 ⇔ 124	Random strobe, fast to slow
		125 ⇔ 129	On
		130 ⇔ 144	Random strobe 100-0%, fast to slow
		145 ⇔ 149	On
		150 ⇔ 164	Random strobe 0-100%, 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	Strobe 100-0-100%, fast to slow		
225 ⇔ 229	On		
230 ⇔ 244	Random inverse pulse strobe, fast to slow		
245 ⇔ 255	On		
<b>9</b>	<b>Red</b>	000 ⇔ 255	0–100%
<b>10</b>	<b>Fine red</b>	000 ⇔ 255	Fine control (16-bit)
<b>11</b>	<b>Green</b>	000 ⇔ 255	0–100%
<b>12</b>	<b>Fine green</b>	000 ⇔ 255	Fine control (16-bit)
<b>13</b>	<b>Blue</b>	000 ⇔ 255	0–100%
<b>14</b>	<b>Fine blue</b>	000 ⇔ 255	Fine control (16-bit)
<b>15</b>	<b>White</b>	000 ⇔ 255	0–100%
<b>16</b>	<b>Fine white</b>	000 ⇔ 255	Fine control (16-bit)

## QUICK REFERENCE GUIDE



### Rogue Outcast 2X 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		

Channel	Function	Value	Percent/Setting
18	Zone Selection	000 ⇔ 007	Zone 1, 2, 3, 4, 5
		008 ⇔ 015	Zone 1, 2, 3, 4
		016 ⇔ 023	Zone 1, 2, 3
		024 ⇔ 031	Zone 1, 2
		032 ⇔ 039	Zone 1
		040 ⇔ 047	No zones
		048 ⇔ 055	Zone 5
		056 ⇔ 063	Zone 4, 5
		064 ⇔ 071	Zone 3, 4, 5
		072 ⇔ 079	Zone 2, 3, 4, 5
		080 ⇔ 087	Zone 1, 2, 3, 4, 5
		088 ⇔ 095	Zone 5
		096 ⇔ 103	Zone 4
		104 ⇔ 111	Zone 3
		112 ⇔ 119	Zone 2
		120 ⇔ 127	Zone 1
		128 ⇔ 135	Zone 4, 5
		136 ⇔ 143	Zone 3, 4
		144 ⇔ 151	Zone 2, 3
		152 ⇔ 159	Zone 1, 2
		160 ⇔ 167	Zone 1, 5
		168 ⇔ 175	Zone 3, 4, 5
		176 ⇔ 183	Zone 2, 3, 4
		184 ⇔ 191	Zone 1, 2, 3
		192 ⇔ 199	Zone 1, 2, 5
		200 ⇔ 207	Zone 1, 4, 5
		208 ⇔ 215	Zone 2, 3, 4, 5
		216 ⇔ 223	Zone 1, 2, 3, 4
		224 ⇔ 231	Zone 1, 2, 3, 5
		232 ⇔ 239	Zone 1, 2, 4, 5
240 ⇔ 247	Zone 1, 3, 4, 5		
248 ⇔ 255	Zone 1, 2, 3, 4, 5		

## QUICK REFERENCE GUIDE



### Rogue Outcast 2X Wash

Channel	Function	Value	Percent/Setting
19	Programs	000 ⇔ 015	No function
		016 ⇔ 020	Zone program 1
		021 ⇔ 025	Zone program 2
		026 ⇔ 030	Zone program 3
		031 ⇔ 035	Zone program 4
		036 ⇔ 040	Zone program 5
		041 ⇔ 045	Zone program 6
		046 ⇔ 050	Zone program 7
		051 ⇔ 055	Zone program 8
		056 ⇔ 060	Zone program 9
		061 ⇔ 065	Zone program 10
		066 ⇔ 070	Zone program 11
		071 ⇔ 075	Zone program 12
		076 ⇔ 080	Zone program 13
		081 ⇔ 085	Zone program 14
		086 ⇔ 090	Zone program 15
		091 ⇔ 095	Zone program 16
		096 ⇔ 100	Zone program 17
		101 ⇔ 105	Zone program 18
		106 ⇔ 110	Zone program 19
		111 ⇔ 115	Zone program 20
		116 ⇔ 120	Zone program 21
		121 ⇔ 125	Zone program 22
		126 ⇔ 130	Zone program 23
		131 ⇔ 135	Zone program 24
		136 ⇔ 140	Color program 1
		141 ⇔ 145	Color program 2
		146 ⇔ 150	Color program 3
		151 ⇔ 155	Color program 4
		156 ⇔ 160	Color program 5
		161 ⇔ 165	Color program 6
		166 ⇔ 170	Color program 7
		171 ⇔ 175	Color program 8
		176 ⇔ 180	Color program 9
		181 ⇔ 185	Color program 10
		186 ⇔ 190	Color program 11
		191 ⇔ 195	Color program 12
		196 ⇔ 200	Color program 13
		201 ⇔ 205	Color program 14
		206 ⇔ 210	Color program 15
		211 ⇔ 215	Color program 16
		216 ⇔ 220	Color program 17
		221 ⇔ 225	Color program 18
		226 ⇔ 230	Color program 19
231 ⇔ 235	Color program 20		
236 ⇔ 240	Color program 21		
241 ⇔ 245	Color program 22		
246 ⇔ 250	Color program 23		
251 ⇔ 255	Color program 24		
20	Program Speed	000 ⇔ 255	0–100%
21	Zoom	000 ⇔ 255	0–100%

Channel	Function	Value	Percent/Setting
22	Control	000 ⇔ 009	No function
		010 ⇔ 014	Blackout on pan/tilt
		015 ⇔ 049	Reserved for future use
		050 ⇔ 054	Reset pan
		055 ⇔ 059	Reset tilt
		060 ⇔ 064	Reset zoom
		065 ⇔ 069	Reserved for future use
		070 ⇔ 074	Reset all
		075 ⇔ 099	Reserved for future use
		100 ⇔ 104	Tilt range 260°
		105 ⇔ 109	Tilt range 180°
		110 ⇔ 114	Tilt range 90°
		115 ⇔ 119	Tilt range 230°
		120 ⇔ 124	Fan mode ECO
		125 ⇔ 129	Fan mode Full
		130 ⇔ 134	Fan mode Auto
		135 ⇔ 139	Fast dimmer
		140 ⇔ 144	Smooth dimmer
		145 ⇔ 149	Linear dimmer curve
		150 ⇔ 154	Square dimmer curve
		155 ⇔ 159	Inverse square dimmer curve
		160 ⇔ 164	S-curve dimmer curve
		165 ⇔ 169	White mode
		170 ⇔ 174	Full mode
		175 ⇔ 179	Color calibration off when single color
		180 ⇔ 184	Color calibration on when single color
		185 ⇔ 239	No function
		240 ⇔ 247	Color calibration on
248 ⇔ 255	Color calibration off		



## QUICK REFERENCE GUIDE



### Rogue Outcast 2X Wash

#### 17CH

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	Strobe 100-0%, fast to slow
		085 ⇔ 089	On
		090 ⇔ 104	Strobe 0-100%, fast to slow
		105 ⇔ 109	On
		110 ⇔ 124	Random strobe, fast to slow
		125 ⇔ 129	On
		130 ⇔ 144	Random strobe 100-0%, fast to slow
		145 ⇔ 149	On
		150 ⇔ 164	Random strobe 0-100%, 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	Strobe 100-0-100%, fast to slow		
225 ⇔ 229	On		
230 ⇔ 244	Random inverse 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%

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		

QUICK REFERENCE GUIDE



Rogue Outcast 2X Wash

Channel	Function	Value	Percent/Setting
13	Zone Selection	000 ⇔ 007	Zone 1, 2, 3, 4, 5
		008 ⇔ 015	Zone 1, 2, 3, 4
		016 ⇔ 023	Zone 1, 2, 3
		024 ⇔ 031	Zone 1, 2
		032 ⇔ 039	Zone 1
		040 ⇔ 047	No zones
		048 ⇔ 055	Zone 5
		056 ⇔ 063	Zone 4, 5
		064 ⇔ 071	Zone 3, 4, 5
		072 ⇔ 079	Zone 2, 3, 4, 5
		080 ⇔ 087	Zone 1, 2, 3, 4, 5
		088 ⇔ 095	Zone 5
		096 ⇔ 103	Zone 4
		104 ⇔ 111	Zone 3
		112 ⇔ 119	Zone 2
		120 ⇔ 127	Zone 1
		128 ⇔ 135	Zone 4, 5
		136 ⇔ 143	Zone 3, 4
		144 ⇔ 151	Zone 2, 3
		152 ⇔ 159	Zone 1, 2
		160 ⇔ 167	Zone 1, 5
		168 ⇔ 175	Zone 3, 4, 5
		176 ⇔ 183	Zone 2, 3, 4
		184 ⇔ 191	Zone 1, 2, 3
		192 ⇔ 199	Zone 1, 2, 5
		200 ⇔ 207	Zone 1, 4, 5
		208 ⇔ 215	Zone 2, 3, 4, 5
		216 ⇔ 223	Zone 1, 2, 3, 4
		224 ⇔ 231	Zone 1, 2, 3, 5
		232 ⇔ 239	Zone 1, 2, 4, 5
240 ⇔ 247	Zone 1, 3, 4, 5		
248 ⇔ 255	Zone 1, 2, 3, 4, 5		

Channel	Function	Value	Percent/Setting
14	Programs	000 ⇔ 015	No function
		016 ⇔ 020	Zone program 1
		021 ⇔ 025	Zone program 2
		026 ⇔ 030	Zone program 3
		031 ⇔ 035	Zone program 4
		036 ⇔ 040	Zone program 5
		041 ⇔ 045	Zone program 6
		046 ⇔ 050	Zone program 7
		051 ⇔ 055	Zone program 8
		056 ⇔ 060	Zone program 9
		061 ⇔ 065	Zone program 10
		066 ⇔ 070	Zone program 11
		071 ⇔ 075	Zone program 12
		076 ⇔ 080	Zone program 13
		081 ⇔ 085	Zone program 14
		086 ⇔ 090	Zone program 15
		091 ⇔ 095	Zone program 16
		096 ⇔ 100	Zone program 17
		101 ⇔ 105	Zone program 18
		106 ⇔ 110	Zone program 19
		111 ⇔ 115	Zone program 20
		116 ⇔ 120	Zone program 21
		121 ⇔ 125	Zone program 22
		126 ⇔ 130	Zone program 23
		131 ⇔ 135	Zone program 24
		136 ⇔ 140	Color program 1
		141 ⇔ 145	Color program 2
		146 ⇔ 150	Color program 3
		151 ⇔ 155	Color program 4
		156 ⇔ 160	Color program 5
		161 ⇔ 165	Color program 6
		166 ⇔ 170	Color program 7
		171 ⇔ 175	Color program 8
		176 ⇔ 180	Color program 9
		181 ⇔ 185	Color program 10
		186 ⇔ 190	Color program 11
		191 ⇔ 195	Color program 12
		196 ⇔ 200	Color program 13
		201 ⇔ 205	Color program 14
		206 ⇔ 210	Color program 15
		211 ⇔ 215	Color program 16
		216 ⇔ 220	Color program 17
		221 ⇔ 225	Color program 18
		226 ⇔ 230	Color program 19
231 ⇔ 235	Color program 20		
236 ⇔ 240	Color program 21		
241 ⇔ 245	Color program 22		
246 ⇔ 250	Color program 23		
251 ⇔ 255	Color program 24		
15	Program Speed	000 ⇔ 255	0–100%
16	Zoom	000 ⇔ 255	0–100%

## QUICK REFERENCE GUIDE



### Rogue Outcast 2X Wash

Channel	Function	Value	Percent/Setting
17	Control	000 ⇔ 009	No function
		010 ⇔ 014	Blackout on pan/tilt
		015 ⇔ 049	Reserved for future use
		050 ⇔ 054	Reset pan
		055 ⇔ 059	Reset tilt
		060 ⇔ 064	Reset zoom
		065 ⇔ 069	Reserved for future use
		070 ⇔ 074	Reset all
		075 ⇔ 099	Reserved for future use
		100 ⇔ 104	Tilt range 260°
		105 ⇔ 109	Tilt range 180°
		110 ⇔ 114	Tilt range 90°
		115 ⇔ 119	Tilt range 230°
		120 ⇔ 124	Fan mode ECO
		125 ⇔ 129	Fan mode Full
		130 ⇔ 134	Fan mode Auto
		135 ⇔ 139	Fast dimmer
		140 ⇔ 144	Smooth dimmer
		145 ⇔ 149	Linear dimmer curve
		150 ⇔ 154	Square dimmer curve
		155 ⇔ 159	Inverse square dimmer curve
		160 ⇔ 164	S-curve dimmer curve
		165 ⇔ 169	White mode
		170 ⇔ 174	Full mode
		175 ⇔ 179	Color calibration off when single color
		180 ⇔ 184	Color calibration on when single color
		185 ⇔ 239	No function
		240 ⇔ 247	Color calibration on
		248 ⇔ 255	Color calibration off

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	Strobe 100-0%, fast to slow
		085 ⇔ 089	On
		090 ⇔ 104	Strobe 0-100%, fast to slow
		105 ⇔ 109	On
		110 ⇔ 124	Random strobe, fast to slow
		125 ⇔ 129	On
		130 ⇔ 144	Random strobe 100-0%, fast to slow
		145 ⇔ 149	On
		150 ⇔ 164	Random strobe 0-100%, 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	Strobe 100-0-100%, fast to slow		
225 ⇔ 229	On		
230 ⇔ 244	Random inverse 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%

## QUICK REFERENCE GUIDE



### Rogue Outcast 2X Wash

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%

Channel	Function	Value	Percent/Setting
15	Control	000 ⇔ 009	No function
		010 ⇔ 014	Blackout on pan/tilt
		015 ⇔ 049	Reserved for future use
		050 ⇔ 054	Reset pan
		055 ⇔ 059	Reset tilt
		060 ⇔ 064	Reset zoom
		065 ⇔ 069	Reserved for future use
		070 ⇔ 074	Reset all
		075 ⇔ 099	Reserved for future use
		100 ⇔ 104	Tilt range 260°
		105 ⇔ 109	Tilt range 180°
		110 ⇔ 114	Tilt range 90°
		115 ⇔ 119	Tilt range 230°
		120 ⇔ 124	Fan mode ECO
		125 ⇔ 129	Fan mode Full
		130 ⇔ 134	Fan mode Auto
		135 ⇔ 139	Fast dimmer
		140 ⇔ 144	Smooth dimmer
		145 ⇔ 149	Linear dimmer curve
		150 ⇔ 154	Square dimmer curve
		155 ⇔ 159	Inverse square dimmer curve
		160 ⇔ 164	S-curve dimmer curve
		165 ⇔ 169	White mode
		170 ⇔ 174	Full mode
		175 ⇔ 179	Color calibration off when single color
		180 ⇔ 184	Color calibration on when single color
		185 ⇔ 239	No function
		240 ⇔ 247	Color calibration on
248 ⇔ 255	Color calibration off		



## QUICK REFERENCE GUIDE



### Rogue Outcast 2X Wash

#### 54MS

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	Strobe 100-0%, fast to slow
		085 ⇔ 089	On
		090 ⇔ 104	Strobe 0-100%, fast to slow
		105 ⇔ 109	On
		110 ⇔ 124	Random strobe, fast to slow
		125 ⇔ 129	On
		130 ⇔ 144	Random strobe 100-0%, fast to slow
		145 ⇔ 149	On
		150 ⇔ 164	Random strobe 0-100%, 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	Strobe 100-0-100%, fast to slow
		225 ⇔ 229	On
230 ⇔ 244	Random inverse pulse strobe, fast to slow		
245 ⇔ 255	On		

Channel	Function	Value	Percent/Setting
9	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		

QUICK REFERENCE GUIDE



Rogue Outcast 2X Wash

Channel	Function	Value	Percent/Setting
10	Zone Selection	000 ⇔ 007	Zone 1, 2, 3, 4, 5
		008 ⇔ 015	Zone 1, 2, 3, 4
		016 ⇔ 023	Zone 1, 2, 3
		024 ⇔ 031	Zone 1, 2
		032 ⇔ 039	Zone 1
		040 ⇔ 047	No zones
		048 ⇔ 055	Zone 5
		056 ⇔ 063	Zone 4, 5
		064 ⇔ 071	Zone 3, 4, 5
		072 ⇔ 079	Zone 2, 3, 4, 5
		080 ⇔ 087	Zone 1, 2, 3, 4, 5
		088 ⇔ 095	Zone 5
		096 ⇔ 103	Zone 4
		104 ⇔ 111	Zone 3
		112 ⇔ 119	Zone 2
		120 ⇔ 127	Zone 1
		128 ⇔ 135	Zone 4, 5
		136 ⇔ 143	Zone 3, 4
		144 ⇔ 151	Zone 2, 3
		152 ⇔ 159	Zone 1, 2
		160 ⇔ 167	Zone 1, 5
		168 ⇔ 175	Zone 3, 4, 5
		176 ⇔ 183	Zone 2, 3, 4
		184 ⇔ 191	Zone 1, 2, 3
		192 ⇔ 199	Zone 1, 2, 5
		200 ⇔ 207	Zone 1, 4, 5
		208 ⇔ 215	Zone 2, 3, 4, 5
		216 ⇔ 223	Zone 1, 2, 3, 4
		224 ⇔ 231	Zone 1, 2, 3, 5
		232 ⇔ 239	Zone 1, 2, 4, 5
240 ⇔ 247	Zone 1, 3, 4, 5		
248 ⇔ 255	Zone 1, 2, 3, 4, 5		

Channel	Function	Value	Percent/Setting
11	Programs	000 ⇔ 015	No function
		016 ⇔ 020	Zone program 1
		021 ⇔ 025	Zone program 2
		026 ⇔ 030	Zone program 3
		031 ⇔ 035	Zone program 4
		036 ⇔ 040	Zone program 5
		041 ⇔ 045	Zone program 6
		046 ⇔ 050	Zone program 7
		051 ⇔ 055	Zone program 8
		056 ⇔ 060	Zone program 9
		061 ⇔ 065	Zone program 10
		066 ⇔ 070	Zone program 11
		071 ⇔ 075	Zone program 12
		076 ⇔ 080	Zone program 13
		081 ⇔ 085	Zone program 14
		086 ⇔ 090	Zone program 15
		091 ⇔ 095	Zone program 16
		096 ⇔ 100	Zone program 17
		101 ⇔ 105	Zone program 18
		106 ⇔ 110	Zone program 19
		111 ⇔ 115	Zone program 20
		116 ⇔ 120	Zone program 21
		121 ⇔ 125	Zone program 22
		126 ⇔ 130	Zone program 23
		131 ⇔ 135	Zone program 24
		136 ⇔ 140	Color program 1
		141 ⇔ 145	Color program 2
		146 ⇔ 150	Color program 3
		151 ⇔ 155	Color program 4
		156 ⇔ 160	Color program 5
		161 ⇔ 165	Color program 6
		166 ⇔ 170	Color program 7
		171 ⇔ 175	Color program 8
		176 ⇔ 180	Color program 9
		181 ⇔ 185	Color program 10
		186 ⇔ 190	Color program 11
		191 ⇔ 195	Color program 12
		196 ⇔ 200	Color program 13
		201 ⇔ 205	Color program 14
		206 ⇔ 210	Color program 15
		211 ⇔ 215	Color program 16
		216 ⇔ 220	Color program 17
		221 ⇔ 225	Color program 18
		226 ⇔ 230	Color program 19
231 ⇔ 235	Color program 20		
236 ⇔ 240	Color program 21		
241 ⇔ 245	Color program 22		
246 ⇔ 250	Color program 23		
251 ⇔ 255	Color program 24		
12	Program Speed	000 ⇔ 255	0–100%
13	Zoom	000 ⇔ 255	0–100%

## QUICK REFERENCE GUIDE



### Rogue Outcast 2X Wash

Channel	Function	Value	Percent/Setting
14	Control	000 ⇔ 009	No function
		010 ⇔ 014	Blackout on pan/tilt
		015 ⇔ 049	Reserved for future use
		050 ⇔ 054	Reset pan
		055 ⇔ 059	Reset tilt
		060 ⇔ 064	Reset zoom
		065 ⇔ 069	Reserved for future use
		070 ⇔ 074	Reset all
		075 ⇔ 099	Reserved for future use
		100 ⇔ 104	Tilt range 260°
		105 ⇔ 109	Tilt range 180°
		110 ⇔ 114	Tilt range 90°
		115 ⇔ 119	Tilt range 230°
		120 ⇔ 124	Fan mode ECO
		125 ⇔ 129	Fan mode Full
		130 ⇔ 134	Fan mode Auto
		135 ⇔ 139	Fast dimmer
		140 ⇔ 144	Smooth dimmer
		145 ⇔ 149	Linear dimmer curve
		150 ⇔ 154	Square dimmer curve
		155 ⇔ 159	Inverse square dimmer curve
		160 ⇔ 164	S-curve dimmer curve
		165 ⇔ 169	White mode
		170 ⇔ 174	Full mode
		175 ⇔ 179	Color calibration off when single color
		180 ⇔ 184	Color calibration on when single color
185 ⇔ 239	No function		
240 ⇔ 247	Color calibration on		
248 ⇔ 255	Color calibration off		
15	Red 1	000 ⇔ 255	0–100%
16	Fine red 1	000 ⇔ 255	Fine control (16-bit)
17	Green 1	000 ⇔ 255	0–100%
18	Fine green 1	000 ⇔ 255	Fine control (16-bit)
19	Blue 1	000 ⇔ 255	0–100%
20	Fine blue 1	000 ⇔ 255	Fine control (16-bit)
21	White 1	000 ⇔ 255	0–100%
22	Fine white 1	000 ⇔ 255	Fine control (16-bit)
23	Red 2	000 ⇔ 255	0–100%
24	Fine red 2	000 ⇔ 255	Fine control (16-bit)
25	Green 2	000 ⇔ 255	0–100%
26	Fine green 2	000 ⇔ 255	Fine control (16-bit)
27	Blue 2	000 ⇔ 255	0–100%
28	Fine blue 2	000 ⇔ 255	Fine control (16-bit)
29	White 2	000 ⇔ 255	0–100%
30	Fine white 2	000 ⇔ 255	Fine control (16-bit)
31	Red 3	000 ⇔ 255	0–100%
32	Fine red 3	000 ⇔ 255	Fine control (16-bit)
33	Green 3	000 ⇔ 255	0–100%
34	Fine green 3	000 ⇔ 255	Fine control (16-bit)
35	Blue 3	000 ⇔ 255	0–100%
36	Fine blue 3	000 ⇔ 255	Fine control (16-bit)
37	White 3	000 ⇔ 255	0–100%
38	Fine white 3	000 ⇔ 255	Fine control (16-bit)

Channel	Function	Value	Percent/Setting
39	Red 4	000 ⇔ 255	0–100%
40	Fine red 4	000 ⇔ 255	Fine control (16-bit)
41	Green 4	000 ⇔ 255	0–100%
42	Fine green 4	000 ⇔ 255	Fine control (16-bit)
43	Blue 4	000 ⇔ 255	0–100%
44	Fine blue 4	000 ⇔ 255	Fine control (16-bit)
45	White 4	000 ⇔ 255	0–100%
46	Fine white 4	000 ⇔ 255	Fine control (16-bit)
47	Red 5	000 ⇔ 255	0–100%
48	Fine red 5	000 ⇔ 255	Fine control (16-bit)
49	Green 5	000 ⇔ 255	0–100%
50	Fine green 5	000 ⇔ 255	Fine control (16-bit)
51	Blue 5	000 ⇔ 255	0–100%
52	Fine blue 5	000 ⇔ 255	Fine control (16-bit)
53	White 5	000 ⇔ 255	0–100%
54	Fine white 5	000 ⇔ 255	Fine control (16-bit)

**33MS**

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	Strobe 100-0%, fast to slow
		085 ⇔ 089	On
		090 ⇔ 104	Strobe 0-100%, fast to slow
		105 ⇔ 109	On
		110 ⇔ 124	Random strobe, fast to slow
		125 ⇔ 129	On
		130 ⇔ 144	Random strobe 100-0%, fast to slow
		145 ⇔ 149	On
		150 ⇔ 164	Random strobe 0-100%, 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	Strobe 100-0-100%, fast to slow
		225 ⇔ 229	On
230 ⇔ 244	Random inverse pulse strobe, fast to slow		
245 ⇔ 255	On		

## QUICK REFERENCE GUIDE



### Rogue Outcast 2X Wash

Channel	Function	Value	Percent/Setting
8	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		

Channel	Function	Value	Percent/Setting
9	Zone Selection	000 ⇔ 007	Zone 1, 2, 3, 4, 5
		008 ⇔ 015	Zone 1, 2, 3, 4
		016 ⇔ 023	Zone 1, 2, 3
		024 ⇔ 031	Zone 1, 2
		032 ⇔ 039	Zone 1
		040 ⇔ 047	No zones
		048 ⇔ 055	Zone 5
		056 ⇔ 063	Zone 4, 5
		064 ⇔ 071	Zone 3, 4, 5
		072 ⇔ 079	Zone 2, 3, 4, 5
		080 ⇔ 087	Zone 1, 2, 3, 4, 5
		088 ⇔ 095	Zone 5
		096 ⇔ 103	Zone 4
		104 ⇔ 111	Zone 3
		112 ⇔ 119	Zone 2
		120 ⇔ 127	Zone 1
		128 ⇔ 135	Zone 4, 5
		136 ⇔ 143	Zone 3, 4
		144 ⇔ 151	Zone 2, 3
		152 ⇔ 159	Zone 1, 2
		160 ⇔ 167	Zone 1, 5
		168 ⇔ 175	Zone 3, 4, 5
		176 ⇔ 183	Zone 2, 3, 4
		184 ⇔ 191	Zone 1, 2, 3
		192 ⇔ 199	Zone 1, 2, 5
		200 ⇔ 207	Zone 1, 4, 5
		208 ⇔ 215	Zone 2, 3, 4, 5
		216 ⇔ 223	Zone 1, 2, 3, 4
		224 ⇔ 231	Zone 1, 2, 3, 5
		232 ⇔ 239	Zone 1, 2, 4, 5
240 ⇔ 247	Zone 1, 3, 4, 5		
248 ⇔ 255	Zone 1, 2, 3, 4, 5		



## QUICK REFERENCE GUIDE



### Rogue Outcast 2X Wash

Channel	Function	Value	Percent/Setting
10	Programs	000 ⇔ 015	No function
		016 ⇔ 020	Zone program 1
		021 ⇔ 025	Zone program 2
		026 ⇔ 030	Zone program 3
		031 ⇔ 035	Zone program 4
		036 ⇔ 040	Zone program 5
		041 ⇔ 045	Zone program 6
		046 ⇔ 050	Zone program 7
		051 ⇔ 055	Zone program 8
		056 ⇔ 060	Zone program 9
		061 ⇔ 065	Zone program 10
		066 ⇔ 070	Zone program 11
		071 ⇔ 075	Zone program 12
		076 ⇔ 080	Zone program 13
		081 ⇔ 085	Zone program 14
		086 ⇔ 090	Zone program 15
		091 ⇔ 095	Zone program 16
		096 ⇔ 100	Zone program 17
		101 ⇔ 105	Zone program 18
		106 ⇔ 110	Zone program 19
		111 ⇔ 115	Zone program 20
		116 ⇔ 120	Zone program 21
		121 ⇔ 125	Zone program 22
		126 ⇔ 130	Zone program 23
		131 ⇔ 135	Zone program 24
		136 ⇔ 140	Color program 1
		141 ⇔ 145	Color program 2
		146 ⇔ 150	Color program 3
		151 ⇔ 155	Color program 4
		156 ⇔ 160	Color program 5
		161 ⇔ 165	Color program 6
		166 ⇔ 170	Color program 7
		171 ⇔ 175	Color program 8
		176 ⇔ 180	Color program 9
		181 ⇔ 185	Color program 10
		186 ⇔ 190	Color program 11
		191 ⇔ 195	Color program 12
		196 ⇔ 200	Color program 13
		201 ⇔ 205	Color program 14
		206 ⇔ 210	Color program 15
		211 ⇔ 215	Color program 16
		216 ⇔ 220	Color program 17
		221 ⇔ 225	Color program 18
		226 ⇔ 230	Color program 19
231 ⇔ 235	Color program 20		
236 ⇔ 240	Color program 21		
241 ⇔ 245	Color program 22		
246 ⇔ 250	Color program 23		
251 ⇔ 255	Color program 24		
11	Program Speed	000 ⇔ 255	0–100%
12	Zoom	000 ⇔ 255	0–100%

Channel	Function	Value	Percent/Setting
<b>13</b>	<b>Control</b>	000 ⇔ 009	No function
		010 ⇔ 014	Blackout on pan/tilt
		015 ⇔ 049	Reserved for future use
		050 ⇔ 054	Reset pan
		055 ⇔ 059	Reset tilt
		060 ⇔ 064	Reset zoom
		065 ⇔ 069	Reserved for future use
		070 ⇔ 074	Reset all
		075 ⇔ 099	Reserved for future use
		100 ⇔ 104	Tilt range 260°
		105 ⇔ 109	Tilt range 180°
		110 ⇔ 114	Tilt range 90°
		115 ⇔ 119	Tilt range 230°
		120 ⇔ 124	Fan mode ECO
		125 ⇔ 129	Fan mode Full
		130 ⇔ 134	Fan mode Auto
		135 ⇔ 139	Fast dimmer
		140 ⇔ 144	Smooth dimmer
		145 ⇔ 149	Linear dimmer curve
		150 ⇔ 154	Square dimmer curve
		155 ⇔ 159	Inverse square dimmer curve
		160 ⇔ 164	S-curve dimmer curve
		165 ⇔ 169	White mode
		170 ⇔ 174	Full mode
175 ⇔ 179	Color calibration off when single color		
180 ⇔ 184	Color calibration on when single color		
185 ⇔ 239	No function		
240 ⇔ 247	Color calibration on		
248 ⇔ 255	Color calibration off		
<b>14</b>	<b>Red 1</b>	000 ⇔ 255	0–100%
<b>15</b>	<b>Green 1</b>	000 ⇔ 255	0–100%
<b>16</b>	<b>Blue 1</b>	000 ⇔ 255	0–100%
<b>17</b>	<b>White 1</b>	000 ⇔ 255	0–100%
<b>18</b>	<b>Red 2</b>	000 ⇔ 255	0–100%
<b>19</b>	<b>Green 2</b>	000 ⇔ 255	0–100%
<b>20</b>	<b>Blue 2</b>	000 ⇔ 255	0–100%
<b>21</b>	<b>White 2</b>	000 ⇔ 255	0–100%
<b>22</b>	<b>Red 3</b>	000 ⇔ 255	0–100%
<b>23</b>	<b>Green 3</b>	000 ⇔ 255	0–100%
<b>24</b>	<b>Blue 3</b>	000 ⇔ 255	0–100%
<b>25</b>	<b>White 3</b>	000 ⇔ 255	0–100%
<b>26</b>	<b>Red 4</b>	000 ⇔ 255	0–100%
<b>27</b>	<b>Green 4</b>	000 ⇔ 255	0–100%
<b>28</b>	<b>Blue 4</b>	000 ⇔ 255	0–100%
<b>29</b>	<b>White 4</b>	000 ⇔ 255	0–100%
<b>30</b>	<b>Red 5</b>	000 ⇔ 255	0–100%
<b>31</b>	<b>Green 5</b>	000 ⇔ 255	0–100%
<b>32</b>	<b>Blue 5</b>	000 ⇔ 255	0–100%
<b>33</b>	<b>White 5</b>	000 ⇔ 255	0–100%