

QUICK REFERENCE GUIDE



COLORado 1QS

DMX Values

STD.Y (15 Channels)

Channel	Function	Value	Percent/Setting
1	Dimmer	000 ⇔ 255	0–100%
2	Fine dimmer (when Ch. 13 is 000 ⇔ 140)	000 ⇔ 255	Fine control (16-bit)
	Step Duration (when Ch. 13 is 141 ⇔ 255)	000 ⇔ 255	Custom program step duration, short to long
3	Red (when Ch. 13 is 000 ⇔ 140)	000 ⇔ 255	0–100%
	Fade Speed (when Ch. 13 is 141 ⇔ 255)	000 ⇔ 255	Custom program fade speed, slow to fast
4	Fine red	000 ⇔ 255	Fine control (16-bit)
5	Green	000 ⇔ 255	0–100%
6	Fine green	000 ⇔ 255	Fine control (16-bit)
7	Blue	000 ⇔ 255	0–100%
8	Fine blue	000 ⇔ 255	Fine control (16-bit)
9	White	000 ⇔ 255	0–100%
10	Fine white	000 ⇔ 255	Fine control (16-bit)
11	Color Macro	000 ⇔ 010	No function
		011 ⇔ 030	Red: 100% Green: 0–100% Blue: 0% White: 0%
		031 ⇔ 050	Red: 100–0% Green: 100% Blue: 0% White: 0%
		051 ⇔ 070	Red: 0% Green: 100% Blue: 0–100% White: 0%
		071 ⇔ 090	Red: 0% Green: 100–0% Blue: 100% White: 0%
		091 ⇔ 110	Red: 0–100% Green: 0% Blue: 100% White: 0%
		111 ⇔ 130	Red: 100% Green: 0% Blue: 100–0% White: 0%
		131 ⇔ 150	Red: 100% Green: 0–100% Blue: 0–100% White: 0%
		151 ⇔ 170	Red: 100–0% Green: 100–0% Blue: 100% White: 0%
		171 ⇔ 195	Red: 100% Green: 100% Blue: 100% White: 100%
		196 ⇔ 200	White 1
		201 ⇔ 205	White 2
		206 ⇔ 210	White 3
		211 ⇔ 215	White 4
		216 ⇔ 220	White 5
		221 ⇔ 225	White 6
		226 ⇔ 230	White 7
231 ⇔ 235	White 8		
236 ⇔ 240	White 9		
241 ⇔ 245	White 10		
246 ⇔ 250	White 11		
251 ⇔ 255	White 12		
12	Strobe	000 ⇔ 009	No function
		010 ⇔ 099	Strobe, slow to fast
		100 ⇔ 109	No function
		110 ⇔ 179	Lightning effect, slow to fast
		180 ⇔ 189	No function
		190 ⇔ 255	Random strobe, slow to fast

Channel	Function	Value	Percent/Setting
13	Automatic Programs	000 ⇔ 040	No function
		041 ⇔ 050	Automatic program 1
		051 ⇔ 060	Automatic program 2
		061 ⇔ 070	Automatic program 3
		071 ⇔ 080	Automatic program 4
		081 ⇔ 090	Automatic program 5
		091 ⇔ 100	Automatic program 6
		101 ⇔ 110	Automatic program 7
		111 ⇔ 120	Automatic program 8
		121 ⇔ 130	Automatic program 9
		131 ⇔ 140	Automatic program 10
		141 ⇔ 150	Custom automatic program 1
		151 ⇔ 160	Custom automatic program 2
		161 ⇔ 170	Custom automatic program 3
		171 ⇔ 180	Custom automatic program 4
		181 ⇔ 190	Custom automatic program 5
		191 ⇔ 200	Custom automatic program 6
		201 ⇔ 210	Custom automatic program 7
		211 ⇔ 220	Custom automatic program 8
		221 ⇔ 230	Custom automatic program 9
231 ⇔ 255	Custom automatic program 10		
14	Program Speed	000 ⇔ 255	Automatic program speed, slow to fast
15	Dimmer Speed	000 ⇔ 009	Preset dimmer speed from display menu
		010 ⇔ 029	Dimmer speed mode off
		030 ⇔ 069	Dimmer speed mode 1 (fastest)
		070 ⇔ 129	Dimmer speed mode 2
		130 ⇔ 189	Dimmer speed mode 3
		190 ⇔ 255	Dimmer speed mode 4 (slowest)

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TR16 (15 Channels)

Channel	Function	Value	Percent/Setting
1	Dimmer	000 ⇔ 255	0–100%
2	Fine dimmer (when Ch. 13 is 000 ⇔ 140)	000 ⇔ 255	Fine control (16-bit)
	Step Duration (when Ch. 13 is 141 ⇔ 255)	000 ⇔ 255	Custom program step duration, short to long
3	Red (when Ch. 13 is 000 ⇔ 140)	000 ⇔ 255	0–100%
	Fade Speed (when Ch. 13 is 141 ⇔ 255)	000 ⇔ 255	Custom program fade speed, slow to fast
4	Fine red	000 ⇔ 255	Fine control (16-bit)
5	Green	000 ⇔ 255	0–100%
6	Fine green	000 ⇔ 255	Fine control (16-bit)
7	Blue	000 ⇔ 255	0–100%
8	Fine blue	000 ⇔ 255	Fine control (16-bit)
9	White	000 ⇔ 255	0–100%
10	Fine white	000 ⇔ 255	Fine control (16-bit)
11	Color Macro	000 ⇔ 010	No function
		011 ⇔ 030	Red: 100% Green: 0–100% Blue: 0% White: 0%
		031 ⇔ 050	Red: 100–0% Green: 100% Blue: 0% White: 0%
		051 ⇔ 070	Red: 0% Green: 100% Blue: 0–100% White: 0%
		071 ⇔ 090	Red: 0% Green: 100–0% Blue: 100% White: 0%
		091 ⇔ 110	Red: 0–100% Green: 0% Blue: 100% White: 0%
		111 ⇔ 130	Red: 100% Green: 0% Blue: 100–0% White: 0%
		131 ⇔ 150	Red: 100% Green: 0–100% Blue: 0–100% White: 0%
		151 ⇔ 170	Red: 100–0% Green: 100–0% Blue: 100% White: 0%
		171 ⇔ 195	Red: 100% Green: 100% Blue: 100% White: 100%
		196 ⇔ 200	White 1
		201 ⇔ 205	White 2
		206 ⇔ 210	White 3
		211 ⇔ 215	White 4
		216 ⇔ 220	White 5
		221 ⇔ 225	White 6
		226 ⇔ 230	White 7
231 ⇔ 235	White 8		
236 ⇔ 240	White 9		
241 ⇔ 245	White 10		
246 ⇔ 250	White 11		
251 ⇔ 255	White 12		
12	Strobe	000 ⇔ 009	No function
		010 ⇔ 099	Strobe, slow to fast
		100 ⇔ 109	No function
		110 ⇔ 179	Lightning effect, slow to fast
		180 ⇔ 189	No function
		190 ⇔ 255	Random strobe, slow to fast

Channel	Function	Value	Percent/Setting
13	Automatic Programs	000 ⇔ 040	No function
		041 ⇔ 050	Automatic program 1
		051 ⇔ 060	Automatic program 2
		061 ⇔ 070	Automatic program 3
		071 ⇔ 080	Automatic program 4
		081 ⇔ 090	Automatic program 5
		091 ⇔ 100	Automatic program 6
		101 ⇔ 110	Automatic program 7
		111 ⇔ 120	Automatic program 8
		121 ⇔ 130	Automatic program 9
		131 ⇔ 140	Automatic program 10
		141 ⇔ 150	Custom automatic program 1
		151 ⇔ 160	Custom automatic program 2
		161 ⇔ 170	Custom automatic program 3
		171 ⇔ 180	Custom automatic program 4
		181 ⇔ 190	Custom automatic program 5
		191 ⇔ 200	Custom automatic program 6
		201 ⇔ 210	Custom automatic program 7
		211 ⇔ 220	Custom automatic program 8
		221 ⇔ 230	Custom automatic program 9
231 ⇔ 255	Custom automatic program 10		
14	Program Speed	000 ⇔ 255	Automatic program speed, slow to fast
15	Dimmer Speed	000 ⇔ 009	Preset dimmer speed from display menu
		010 ⇔ 029	Dimmer speed mode off
		030 ⇔ 069	Dimmer speed mode 1 (fastest)
		070 ⇔ 129	Dimmer speed mode 2
		130 ⇔ 189	Dimmer speed mode 3
		190 ⇔ 255	Dimmer speed mode 4 (slowest)

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TOUR (10 Channels)

Channel	Function	Value	Percent/Setting
1	Dimmer	000 ⇔ 255	0–100%
2	Red (when Ch. 8 is 000 ⇔ 140)	000 ⇔ 255	0–100%
	Step Duration (when Ch. 8 is 141 ⇔ 255)	000 ⇔ 255	Custom program step duration, short to long
3	Green (when Ch. 8 is 000 ⇔ 140)	000 ⇔ 255	0–100%
	Fade Speed (when Ch. 8 is 141 ⇔ 255)	000 ⇔ 255	Custom program fade speed, slow to fast
4	Blue	000 ⇔ 255	0–100%
5	White	000 ⇔ 255	0–100%
6	Color Macro	000 ⇔ 010	No function
		011 ⇔ 030	Red: 100% Green: 0–100% Blue: 0% White: 0%
		031 ⇔ 050	Red: 100–0% Green: 100% Blue: 0% White: 0%
		051 ⇔ 070	Red: 0% Green: 100% Blue: 0–100% White: 0%
		071 ⇔ 090	Red: 0% Green: 100–0% Blue: 100% White: 0%
		091 ⇔ 110	Red: 0–100% Green: 0% Blue: 100% White: 0%
		111 ⇔ 130	Red: 100% Green: 0% Blue: 100–0% White: 0%
		131 ⇔ 150	Red: 100% Green: 0–100% Blue: 0–100% White: 0%
		151 ⇔ 170	Red: 100–0% Green: 100–0% Blue: 100% White: 0%
		171 ⇔ 195	Red: 100% Green: 100% Blue: 100% White: 100%
		196 ⇔ 200	White 1
		201 ⇔ 205	White 2
		206 ⇔ 210	White 3
		211 ⇔ 215	White 4
		216 ⇔ 220	White 5
		221 ⇔ 225	White 6
		226 ⇔ 230	White 7
231 ⇔ 235	White 8		
236 ⇔ 240	White 9		
241 ⇔ 245	White 10		
246 ⇔ 250	White 11		
251 ⇔ 255	White 12		
7	Strobe	000 ⇔ 009	No function
		010 ⇔ 099	Strobe, slow to fast
		100 ⇔ 109	No function
		110 ⇔ 179	Lightning effect, slow to fast
		180 ⇔ 189	No function
		190 ⇔ 255	Random strobe, slow to fast

Channel	Function	Value	Percent/Setting
8	Automatic Programs	000 ⇔ 040	No function
		041 ⇔ 050	Automatic program 1
		051 ⇔ 060	Automatic program 2
		061 ⇔ 070	Automatic program 3
		071 ⇔ 080	Automatic program 4
		081 ⇔ 090	Automatic program 5
		091 ⇔ 100	Automatic program 6
		101 ⇔ 110	Automatic program 7
		111 ⇔ 120	Automatic program 8
		121 ⇔ 130	Automatic program 9
		131 ⇔ 140	Automatic program 10
		141 ⇔ 150	Custom automatic program 1
		151 ⇔ 160	Custom automatic program 2
		161 ⇔ 170	Custom automatic program 3
		171 ⇔ 180	Custom automatic program 4
		181 ⇔ 190	Custom automatic program 5
		191 ⇔ 200	Custom automatic program 6
201 ⇔ 210	Custom automatic program 7		
211 ⇔ 220	Custom automatic program 8		
221 ⇔ 230	Custom automatic program 9		
231 ⇔ 255	Custom automatic program 10		
9	Program Speed	000 ⇔ 255	Automatic program speed, slow to fast
10	Dimmer Speed	000 ⇔ 009	Preset dimmer speed from display menu
		010 ⇔ 029	Dimmer speed mode off
		030 ⇔ 069	Dimmer speed mode 1 (fastest)
		070 ⇔ 129	Dimmer speed mode 2
		130 ⇔ 189	Dimmer speed mode 3
		190 ⇔ 255	Dimmer speed mode 4 (slowest)

SSP (7 Channels)

Channel	Function	Value	Percent/Setting
1	Dimmer	000 ⇔ 255	0–100%
2	Red	000 ⇔ 255	0–100%
3	Green	000 ⇔ 255	0–100%
4	Blue	000 ⇔ 255	0–100%
5	White	000 ⇔ 255	0–100%
6	Strobe	000 ⇔ 009	No function
		010 ⇔ 099	Strobe, slow to fast
		100 ⇔ 109	No function
		110 ⇔ 179	Lightning effect, slow to fast
		180 ⇔ 189	No function
		190 ⇔ 255	Random strobe, slow to fast
7	Dimmer Speed	000 ⇔ 009	Preset dimmer speed from display menu
		010 ⇔ 029	Dimmer speed mode off
		030 ⇔ 069	Dimmer speed mode 1 (fastest)
		070 ⇔ 129	Dimmer speed mode 2
		130 ⇔ 189	Dimmer speed mode 3
		190 ⇔ 255	Dimmer speed mode 4 (slowest)

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HSIC (7 Channels)

Channel	Function	Value	Percent/Setting
1	Dimmer	000 ⇔ 255	0–100%
2	Hue	000 ⇔ 255	0–100%
3	Fine hue	000 ⇔ 255	Fine control (16-bit)
4	Saturation	000 ⇔ 255	0–100%
5	Color Temperature	000 ⇔ 010	No function
		011 ⇔ 030	White 1
		031 ⇔ 050	White 2
		051 ⇔ 070	White 3
		071 ⇔ 090	White 4
		091 ⇔ 110	White 5
		111 ⇔ 130	White 6
		131 ⇔ 150	White 7
		151 ⇔ 170	White 8
		171 ⇔ 190	White 9
		191 ⇔ 210	White 10
		211 ⇔ 230	White 11
231 ⇔ 255	White 12		
6	Strobe	000 ⇔ 009	No function
		010 ⇔ 099	Strobe, slow to fast
		100 ⇔ 109	No function
		110 ⇔ 179	Lightning effect, slow to fast
		180 ⇔ 189	No function
		190 ⇔ 255	Random strobe, slow to fast
7	Dimmer Speed	000 ⇔ 009	Preset dimmer speed from display menu
		010 ⇔ 029	Dimmer speed mode off
		030 ⇔ 069	Dimmer speed mode 1 (fastest)
		070 ⇔ 129	Dimmer speed mode 2
		130 ⇔ 189	Dimmer speed mode 3
		190 ⇔ 255	Dimmer speed mode 4 (slowest)