

DMX Channel Assignments and Values**Control Chart****14Ch**

Channel	Function	Value	Percent/Setting
1	Dimmer	000 ⇔ 255	0–100%
2	Fine dimmer	000 ⇔ 255	0–100%
3	Red	000 ⇔ 255	0–100%
4	Green	000 ⇔ 255	0–100%
5	Blue	000 ⇔ 255	0–100%
6	Amber	000 ⇔ 255	0–100%
7	White	000 ⇔ 255	0–100%
8	U V	000 ⇔ 255	0–100%
9	Strobe	000 ⇔ 010 011 ⇔ 255	No function Strobe, slow to fast
10	Color macro	000 ⇔ 010 011 012 ⇔ 029 030 031 ⇔ 049 050 051 ⇔ 069 070 071 ⇔ 089 090 091 ⇔ 109 110 111 ⇔ 129 130 131 ⇔ 149 150 151 ⇔ 169 170 171 ⇔ 200 201 ⇔ 255	No function Red full Red full, green increases Red and green full Green full, red decreases Green full Green full, blue increases Green and blue full Blue full, green decreases Blue full Blue full, red increases Red and blue full Red full, blue decreases Red full Red full, green and blue increase Red, green, and blue full Blue full, red and green decrease Blue full Red, green, and blue full Color temperature, warm to cool
11	Color temperature	000 ⇔ 005 006 ⇔ 025 026 ⇔ 050 051 ⇔ 075 076 ⇔ 100 101 ⇔ 125 126 ⇔ 150 151 ⇔ 175 176 ⇔ 200 201 ⇔ 225 226 ⇔ 250 251 ⇔ 255	No function Warm white 1 Warm white 2 Warm white 3 Neutral white 1 Neutral white 2 Neutral white 3 Daylight 1 Daylight 2 Daylight 3 Daylight 4 No function

Channel	Function	Value	Percent/Setting
12	Automatic program	000 ⇔ 010	No function
		011 ⇔ 060	Automatic program 1
		061 ⇔ 110	Automatic program 2
		111 ⇔ 160	Automatic program 3
		161 ⇔ 210	Automatic program 4
		211 ⇔ 255	Automatic program 5 (Auto program 1-4)
13	Program speed	000 ⇔ 255	Program speed, slow to fast
14	Dimmer speed	000 ⇔ 051	Preset dimmer speed from display menu
		052 ⇔ 101	Linear dimmer
		102 ⇔ 152	Dimmer mode 1 (fastest)
		153 ⇔ 203	Dimmer mode 2
		204 ⇔ 255	Dimmer mode 3 (slowest)

13Ch

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	Amber	000 ⇔ 255	0–100%
6	White	000 ⇔ 255	0–100%
7	UV	000 ⇔ 255	0–100%
8	Strobe	000 ⇔ 010	No function
		011 ⇔ 255	Strobe, slow to fast
9	Color Macro	000 ⇔ 010	No function
		011	Red full
		012 ⇔ 029	Red full, green increases
		030	Red and green full
		031 ⇔ 049	Green full, red decreases
		050	Green full
		051 ⇔ 069	Green full, blue increases
		070	Green and blue full
		071 ⇔ 089	Blue full, green decreases
		090	Blue full
		091 ⇔ 109	Blue full, red increases
		110	Red and blue full
		111 ⇔ 129	Red full, blue decreases
		130	Red full
		131 ⇔ 149	Red full, green and blue increase
		150	Red, green, and blue full
		151 ⇔ 169	Blue full, red and green decrease
		170	Blue full
		171 ⇔ 200	Red, green, and blue full
		201 ⇔ 255	Color temperature, warm to cool

DMX CHART

COLORdash Par H18XM
V1.231201



Channel	Function	Value	Percent/Setting
10	Color temperature	000 ⇔ 005	No function
		006 ⇔ 025	Warm white 1
		026 ⇔ 050	Warm white 2
		051 ⇔ 075	Warm white 3
		076 ⇔ 100	Neutral white 1
		101 ⇔ 125	Neutral white 2
		126 ⇔ 150	Neutral white 3
		151 ⇔ 175	Daylight 1
		176 ⇔ 200	Daylight 2
		201 ⇔ 225	Daylight 3
		226 ⇔ 250	Daylight 4
		251 ⇔ 255	No function
11	Automatic programs	000 ⇔ 010	No function
		011 ⇔ 060	Automatic program 1
		061 ⇔ 110	Automatic program 2
		111 ⇔ 160	Automatic program 3
		161 ⇔ 210	Automatic program 4
		211 ⇔ 255	Automatic program 5 (Auto program 1-4)
12	Program speed	000 ⇔ 255	Automatic program speed, slow to fast
13	Dimmer mode	000 ⇔ 051	Preset dimmer speed from display menu
		052 ⇔ 101	Linear dimmer
		102 ⇔ 152	Dimmer mode 1 (fastest)
		153 ⇔ 203	Dimmer mode 2
		204 ⇔ 255	Dimmer mode 3 (slowest)

9Ch

Channel	Function	Value	Percent/Setting
1	Dimmer	000 ⇔ 255	0–100%
2	Fine dimmer	000 ⇔ 255	0–100%
3	Red	000 ⇔ 255	0–100%
4	Green	000 ⇔ 255	0–100%
5	Blue	000 ⇔ 255	0–100%
6	Amber	000 ⇔ 255	0–100%
7	White	000 ⇔ 255	0–100%
8	UV	000 ⇔ 255	0–100%
9	Strobe	000 ⇔ 010	No function
		011 ⇔ 255	Strobe, slow to fast

8Ch

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	Amber	000 ⇔ 255	0–100%
6	White	000 ⇔ 255	0–100%
7	UV	000 ⇔ 255	0–100%
8	Strobe	000 ⇔ 010 011 ⇔ 255	No function Strobe, slow to fast

6Ch

Channel	Function	Value	Percent/Setting
1	Red	000 ⇔ 255	0–100%
2	Green	000 ⇔ 255	0–100%
3	Blue	000 ⇔ 255	0–100%
4	Amber	000 ⇔ 255	0–100%
5	White	000 ⇔ 255	0–100%
6	UV	000 ⇔ 255	0–100%