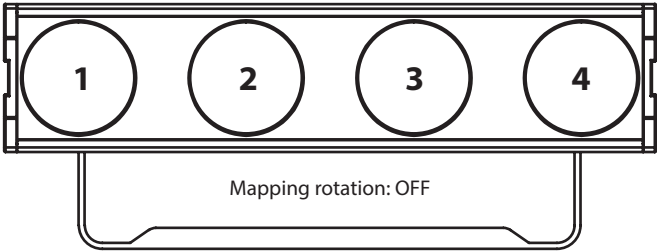


3.19 DMX CONTROL



HALO 1ch		
MODE 1 Ch	FUNCTION	DMX Value
1	DIMMER 0~100%	000 - 255

In HALO mode, the fixture emulates dimmer curve and color as an halogen DWE.

HALO 4ch		
MODE 4 Ch	FUNCTION	DMX Value
1	PIXEL 1 Dimmer 0~100%	000 - 255
2	PIXEL 2 Dimmer 0~100%	000 - 255
3	PIXEL 3 Dimmer 0~100%	000 - 255
4	PIXEL 14 Dimmer 0~100%	000 - 255

STANDARD - STD 4ch		
MODE STD 4 Ch	FUNCTION	DMX Value
1	RED 0~100%	000 - 255
2	GREEN 0~100%	000 - 255
3	BLUE 0~100%	000 - 255
4	WHITE 0~100%	000 - 255

STANDARD - STD 6ch		
MODE STD 6 Ch	FUNCTION	DMX Value
1	DIMMER 0~100%	000 - 255
2	RED 0~100%	000 - 255
3	GREEN 0~100%	000 - 255
4	BLUE 0~100%	000 - 255
5	WHITE 0~100%	000 - 255
6	STROBE No function Strobe Slow to Fast No function Random strobe Slow to Fast No function	000 - 030 031 - 100 101 - 130 131 - 200 201 - 255

STANDARD - STD 15ch

MODE STD 15 Ch	FUNCTION	DMX Value
1	DIMMER - 0~100%	000 - 255
2	RED - 0~100%	000 - 255
3	GREEN - 0~100%	000 - 255
4	BLUE - 0~100%	000 - 255
5	WHITE - 0~100%	000 - 255
6	STROBE	
	No function	000 - 030
	Strobe Slow to Fast	031 - 100
	No function	101 - 130
	Random strobe Slow to Fast	131 - 200
	No function	201 - 255
7	COLOR FUNCTION	
	No Function	000 - 010
	CTC Function	011 - 039
	Forward Spin	040 - 059
	Reverse Spin	060 - 079
	Color Presets	080 - 099
	HALO DWE	100 - 119
	TBD	120 - 255
8	CTC Function (fade change)	
	2000K~3000K	000 - 223
	3000K~4000K	224 - 231
	4000K~5600K	232 - 239
	5600K~8000K	240 - 247
	8000K	248 - 255
	Forward Spin	
	Rainbow Effect - Slow to Fast	000 - 255
	Reverse Spin	
	Rainbow Effect - Slow to Fast	000 - 255
	Color Preset (fade change)	
	R 100% G 0~100% B 0%	000 - 028
	R 100%~0% G 100% B 0%	029 - 056
	R 0% G 100% B 0~100%	057 - 084
	R 0% G 100%~0% B 100%	084 - 112
	R 0%~100% G 0% B 100%	113 - 140
	R 100% G 0% B 100%~0%	141 - 168
	R 100% G 0%~100% B 0%~100%	169 - 196
	R 100%~0% G 100%~0% B 100%	197 - 224
	R 100% G 100% B 100% W 100%	225 - 255
	Halo DWE	
	Dimmer 0~100%	000 - 255

9	DYNAMIC PATTERNS	
	No Function	000 - 010
	Pattern 1	011 - 020
	Pattern 2	021 - 030
	Pattern 3	031 - 040
	Pattern 4	041 - 050
	Pattern 5	051 - 060
	Pattern 6	061 - 070
	Pattern 7	071 - 080
	Pattern 8	081 - 090
	Pattern 9	091 - 100
	Pattern 10	101 - 110
	Pattern 11	111 - 120
	Pattern 12	121 - 130
	Pattern 13	131 - 140
	Pattern 14	141 - 150
	Pattern 15	151 - 160
	Pattern 16	161 - 170
	Pattern 17	171 - 180
	Pattern 18	181 - 190
	Pattern 19	191 - 200
	Pattern 20	201 - 210
	Pattern 21	211 - 220
	Pattern 22	221 - 230
	Pattern 23	231 - 240
	Random Pattern	241 - 255
10	PATTERNS SPEED	
	Static indexing	000 - 029
	Speed slow to fast	030 - 140
	TBD / Not used	141 - 255
11	FOREGROUND COLOR	
	No function (COLOR FUNCTION CHANNEL)	000 - 012
	R	013 - 025
	G	026 - 038
	B	039 - 051
	W	052 - 064
	GB	065 - 077
	RB	078 - 090
	RG	091 - 103
	RGB	104 - 116
	RW	117 - 129
	GW	130 - 142
	BW	143 - 155
	RGW	156 - 168
	RBW	169 - 181
	GBW	182 - 194
	RGBW	195 - 207

11	White 2000K White 3000K White 4000K Color Cycling	208 - 220 221 - 233 234 - 246 247 - 255
12	FOREGROUND DIMMER 0~100%	000 - 255
13	BACKGROUND COLOR No function (main RGBW channels control) R G B W GB RB RG RGB RW GW BW RGW RBW GBW RGBW White 2000K White 3000K White 4000K Color Cycling	000 - 012 013 - 025 026 - 038 039 - 051 052 - 064 065 - 077 078 - 090 091 - 103 104 - 116 117 - 129 130 - 142 143 - 155 156 - 168 169 - 181 182 - 194 195 - 207 208 - 220 221 - 233 234 - 246 247 - 255
14	BACKGROUND DIMMER Dimmer 0~100%	000 - 255
15	DIMMER FADE Preset dimmer speed from display menu Dimmer curve Fast to Slow	000 - 000 001 - 255

EXTENDED - EXT 16ch			
MODE EXT 16 Ch	FUNCTION		DMX Value
1	PIXEL1	0~100% RED	000 - 255
2		0~100% GREEN	000 - 255
3		0~100% BLUE	000 - 255
4		0~100% WHITE	000 - 255
5	PIXEL2	0~100% RED	000 - 255
6		0~100% GREEN	000 - 255
7		0~100% BLUE	000 - 255
8		0~100% WHITE	000 - 255
9	PIXEL3	0~100% RED	000 - 255
10		0~100% GREEN	000 - 255
11		0~100% BLUE	000 - 255
12		0~100% WHITE	000 - 255
13	PIXEL4	0~100% RED	000 - 255
14		0~100% GREEN	000 - 255
15		0~100% BLUE	000 - 255
16		0~100% WHITE	000 - 255

EXTENDED - EXT 21ch			
MODE EXT 21 Ch	FUNCTION		DMX Value
1	PIXEL1	0~100% RED	000 - 255
2		0~100% GREEN	000 - 255
3		0~100% BLUE	000 - 255
4		0~100% WHITE	000 - 255
5	PIXEL2	0~100% RED	000 - 255
6		0~100% GREEN	000 - 255
7		0~100% BLUE	000 - 255
8		0~100% WHITE	000 - 255
9	PIXEL3	0~100% RED	000 - 255
10		0~100% GREEN	000 - 255
11		0~100% BLUE	000 - 255
12		0~100% WHITE	000 - 255
13	PIXEL4	0~100% RED	000 - 255
14		0~100% GREEN	000 - 255
15		0~100% BLUE	000 - 255
16		0~100% WHITE	000 - 255
17	DIMMER 0~100%		000 - 255
18	STROBE		
	No function		000 - 030
	Strobe Slow to Fast		031 - 100
	No function		101 - 130
19	COLOR FUNCTION		
	No Function		000 - 010
	CTC Function		011 - 039
	Forward Spin		040 - 059
20	Forward Spin		
	Rainbow Effect - Slow to Fast		000 - 255
	Reverse Spin		
	Rainbow Effect - Slow to Fast		000 - 255

20	Color Preset (fade change)		
	R 100% G 0~100% B 0%		000 - 028
	R 100%~0% G 100% B 0%		029 - 056
	R 0% G 100% B 0~100%		057 - 084
	R 0% G 100%~0% B 100%		084 - 112
	R 0%~100% G 0% B 100%		113 - 140
	R 100% G 0% B 100%~0%		141 - 168
	R 100% G 0%~100% B 0%~100%		169 - 196
	R 100%~0% G 100%~0% B 100%		197 - 224
	R 100% G 100% B 100% W 100%		225 - 255
21	Halo DWE		
	Dimmer 0~100%		000 - 255
	DIMMER FADE		
	Preset dimmer speed from display menu		000 - 000
	Dimmer curve Fast to Slow		001 - 255

EXTENDED - EXT 27ch			
MODE EXT 27 Ch	FUNCTION		DMX Value
1	PIXEL1	0~100% RED	000 - 255
2		0~100% GREEN	000 - 255
3		0~100% BLUE	000 - 255
4		0~100% WHITE	000 - 255
5	PIXEL2	0~100% RED	000 - 255
6		0~100% GREEN	000 - 255
7		0~100% BLUE	000 - 255
8		0~100% WHITE	000 - 255
9	PIXEL3	0~100% RED	000 - 255
10		0~100% GREEN	000 - 255
11		0~100% BLUE	000 - 255
12		0~100% WHITE	000 - 255
13	PIXEL4	0~100% RED	000 - 255
14		0~100% GREEN	000 - 255
15		0~100% BLUE	000 - 255
16		0~100% WHITE	000 - 255
17	COLOR FUNCTION		
	No Function		000 - 010
	CTC Function		011 - 039
	Forward Spin		040 - 059
	Reverse Spin		060 - 079
	Color Presets		080 - 099
	HALO DWE		100 - 119
	TBD		120 - 255

18	CTC Function (fade change) 2000K~3000K 3000K~4000K 4000K~5600K 5600K~8000K 8000K	000 - 223 224 - 231 232 - 239 240 - 247 248 - 255
	Forward Spin Rainbow Effect - Slow to Fast	000 - 255
	Reverse Spin Rainbow Effect - Slow to Fast	000 - 255
	Color Preset (fade change) R 100% G 0~100% B 0% R 100%~0% G 100% B 0% R 0% G 100% B 0~100% R 0% G 100%~0% B 100% R 0%~100% G 0% B 100% R 100% G 0% B 100%~0% R 100% G 0%~100% B 0%~100% R 100%~0% G 100%~0% B 100% R 100% G 100% B 100% W 100%	000 - 028 029 - 056 057 - 084 084 - 112 113 - 140 141 - 168 169 - 196 197 - 224 225 - 255
	Halo DWE Dimmer 0~100%	000 - 255
	DYNAMIC PATTERNS No Function	000 - 010
	Pattern 1	011 - 020
	Pattern 2	021 - 030
	Pattern 3	031 - 040
	Pattern 4	041 - 050
	Pattern 5	051 - 060
	Pattern 6	061 - 070
	Pattern 7	071 - 080
	Pattern 8	081 - 090
	Pattern 9	091 - 100
	Pattern 10	101 - 110
	Pattern 11	111 - 120
	Pattern 12	121 - 130
	Pattern 13	131 - 140
	Pattern 14	141 - 150
	Pattern 15	151 - 160
	Pattern 16	161 - 170
	Pattern 17	171 - 180
	Pattern 18	181 - 190
	Pattern 19	191 - 200
	Pattern 20	201 - 210
	Pattern 21	211 - 220
	Pattern 22	221 - 230
	Pattern 23	231 - 240
	Random FX	241 - 255

20	PATTERNS SPEED Static indexing Speed slow to fast TBD / Not used	000 - 029 030 - 140 141 - 255
21	FOREGROUND COLOR No function (main RGBW channels control) R G B W GB RB RG RGB RW GW BW RGW RBW GBW RGBW White 2000K White 3000K White 4000K Color Cycling	000 - 012 013 - 025 026 - 038 039 - 051 052 - 064 065 - 077 078 - 090 091 - 103 104 - 116 117 - 129 130 - 142 143 - 155 156 - 168 169 - 181 182 - 194 195 - 207 208 - 220 221 - 233 234 - 246 247 - 255
22	FOREGROUND DIMMER 0~100%	000 - 255
23	BACKGROUND COLOR No function (main RGBW channels control) R G B W GB RB RG RGB RW GW BW RGW RBW GBW RGBW White 2000K White 3000K White 4000K Color Cycling	000 - 012 013 - 025 026 - 038 039 - 051 052 - 064 065 - 077 078 - 090 091 - 103 104 - 116 117 - 129 130 - 142 143 - 155 156 - 168 169 - 181 182 - 194 195 - 207 208 - 220 221 - 233 234 - 246 247 - 255
24	BACKGROUND DIMMER 0~100%	000 - 255

25	DIMMER 0~100%	000 - 255
26	STROBE No function Strobe Slow to Fast No function Random strobe Slow to Fast No function	000 - 030 031 - 100 101 - 130 131 - 200 201 - 255
27	DIMMER FADE Preset dimmer speed from display menu Dimmer curve Fast to Slow	000 - 000 001 - 255

EXTENDED - EXT 28ch			
MODE EXT 28 Ch		FUNCTION	DMX Value
1	PIXEL1	0~100% RED	000 - 255
2		0~100% GREEN	000 - 255
3		0~100% BLUE	000 - 255
4		0~100% WHITE	000 - 255
5	PIXEL2	0~100% RED	000 - 255
6		0~100% GREEN	000 - 255
7		0~100% BLUE	000 - 255
8		0~100% WHITE	000 - 255
9	PIXEL3	0~100% RED	000 - 255
10		0~100% GREEN	000 - 255
11		0~100% BLUE	000 - 255
12		0~100% WHITE	000 - 255
13	PIXEL4	0~100% RED	000 - 255
14		0~100% GREEN	000 - 255
15		0~100% BLUE	000 - 255
16		0~100% WHITE	000 - 255
17	COLOR FUNCTION No Function CTC Function Forward Spin Reverse Spin Color Presets HALO DWE TBD		000 - 010 011 - 039 040 - 059 060 - 079 080 - 099 100 - 119 120 - 255

18	CTC Function (fade change) 2000K~3000K 3000K~4000K 4000K~5600K 5600K~8000K 8000K	000 - 223 224 - 231 232 - 239 240 - 247 248 - 255
	Forward Spin Rainbow Effect - Slow to Fast	000 - 255
	Reverse Spin Rainbow Effect - Slow to Fast	000 - 255
	Color Preset (fade change) R 100% G 0~100% B 0% R 100%~0% G 100% B 0% R 0% G 100% B 0~100% R 0% G 100%~0% B 100% R 0%~100% G 0% B 100% R 100% G 0% B 100%~0% R 100% G 0%~100% B 0%~100% R 100%~0% G 100%~0% B 100% R 100% G 100% B 100% W 100%	000 - 028 029 - 056 057 - 084 084 - 112 113 - 140 141 - 168 169 - 196 197 - 224 225 - 255
	Halo DWE Dimmer 0~100%	000 - 255

19	DYNAMIC PATTERNS	
	No Function	000 - 010
	Pattern 1	011 - 020
	Pattern 2	021 - 030
	Pattern 3	031 - 040
	Pattern 4	041 - 050
	Pattern 5	051 - 060
	Pattern 6	061 - 070
	Pattern 7	071 - 080
	Pattern 8	081 - 090
	Pattern 9	091 - 100
	Pattern 10	101 - 110
	Pattern 11	111 - 120
	Pattern 12	121 - 130
	Pattern 13	131 - 140
	Pattern 14	141 - 150
	Pattern 15	151 - 160
	Pattern 16	161 - 170
	Pattern 17	171 - 180
	Pattern 18	181 - 190
	Pattern 19	191 - 200
	Pattern 20	201 - 210
	Pattern 21	211 - 220
	Pattern 22	221 - 230
	Pattern 23	231 - 240
	Random FX	241 - 255
20	PATTERNS SPEED	
	Static indexing	000 - 029
	Speed slow to fast	030 - 140
	TBD / Not used	141 - 255
21	FOREGROUND COLOR	
	No function (main RGBW channels control)	000 - 012
	R	013 - 025
	G	026 - 038
	B	039 - 051
	W	052 - 064
	GB	065 - 077
	RB	078 - 090
	RG	091 - 103
	RGB	104 - 116
	RW	117 - 129
	GW	130 - 142
	BW	143 - 155
	RGW	156 - 168
	RBW	169 - 181
	GBW	182 - 194
	RGBW	195 - 207
	White 2000K	208 - 220
	White 3000K	221 - 233
	White 4000K	234 - 246
	Color Cycling	247 - 255
22	FOREGROUND DIMMER 0~100%	000 - 255

23	BACKGROUND COLOR	
	No function (main RGBW channels control)	000 - 012
	R	013 - 025
	G	026 - 038
	B	039 - 051
	W	052 - 064
	GB	065 - 077
	RB	078 - 090
	RG	091 - 103
	RGB	104 - 116
	RW	117 - 129
	GW	130 - 142
	BW	143 - 155
	RGW	156 - 168
	RBW	169 - 181
	GBW	182 - 194
	RGBW	195 - 207
	White 2000K	208 - 220
	White 3000K	221 - 233
	White 4000K	234 - 246
	Color Cycling	247 - 255
24	BACKGROUND DIMMER 0~100%	000 - 255
25	DIMMER 0~100%	000 - 255
26	STROBE	
	No function	000 - 030
	Strobe Slow to Fast	031 - 100
	No function	101 - 130
	Random strobe Slow to Fast	131 - 200
	No function	201 - 255
27	DIMMER FADE	
	Preset dimmer speed from display menu Dimmer curve Fast to Slow	000 - 000 001 - 255
28	CONTROL CHANNEL	
	No function	000-009
	Dimmer Speed AUTO	010-019
	Dimmer Speed FAST	020-029
	Dimmer Speed MEDIUM	030-039
	Dimmer Speed SLOW	040-049
	Static Fixed Color	050-059
	Static Manual Color	060-069
	Key Lock ON	070-079
	Key Lock OFF	080-089
	MASTER DMX	090-099
	SLAVE	100-109
	Backlight ON	110-119
	Backlight 10s	120-129
	Backlight 20s	130-139
	Backlight 30s	140-149
	Mapping Rotation ON	150-159
	Mapping Rotazione OFF	160-169
	Reserved	170-255

STANDARD - STD 16ch		
MODE STD 16 Ch	FUNCTION	DMX Value
1	DIMMER - 0~100%	000 - 255
2	RED - 0~100%	000 - 255
3	GREEN - 0~100%	000 - 255
4	BLUE - 0~100%	000 - 255
5	WHITE - 0~100%	000 - 255
6	STROBE	
	No function	000 - 030
	Strobe Slow to Fast	031 - 100
	No function	101 - 130
	Random strobe Slow to Fast	131 - 200
	No function	201 - 255
7	COLOR FUNCTION	
	No Function	000 - 010
	CTC Function	011 - 039
	Forward Spin	040 - 059
	Reverse Spin	060 - 079
	Color Presets	080 - 099
	HALO DWE	100 - 119
	TBD	120 - 255
8	CTC Function (fade change)	
	2000K~3000K	000 - 223
	3000K~4000K	224 - 231
	4000K~5600K	232 - 239
	5600K~8000K	240 - 247
	8000K	248 - 255
	Forward Spin	
	Rainbow Effect - Slow to Fast	000 - 255
	Reverse Spin	
	Rainbow Effect - Slow to Fast	000 - 255
	Color Preset (fade change)	
	R 100% G 0~100% B 0%	000 - 028
	R 100%~0% G 100% B 0%	029 - 056
	R 0% G 100% B 0~100%	057 - 084
	R 0% G 100%~0% B 100%	084 - 112
	R 0%~100% G 0% B 100%	113 - 140
	R 100% G 0% B 100%~0%	141 - 168
	R 100% G 0%~100% B 0%~100%	169 - 196
	R 100%~0% G 100%~0% B 100%	197 - 224
	R 100% G 100% B 100% W 100%	225 - 255
	Halo DWE	
	Dimmer 0~100%	000 - 255

9	DYNAMIC PATTERNS	
	No Function	000 - 010
	Pattern 1	011 - 020
	Pattern 2	021 - 030
	Pattern 3	031 - 040
	Pattern 4	041 - 050
	Pattern 5	051 - 060
	Pattern 6	061 - 070
	Pattern 7	071 - 080
	Pattern 8	081 - 090
	Pattern 9	091 - 100
	Pattern 10	101 - 110
	Pattern 11	111 - 120
	Pattern 12	121 - 130
	Pattern 13	131 - 140
	Pattern 14	141 - 150
	Pattern 15	151 - 160
	Pattern 16	161 - 170
	Pattern 17	171 - 180
	Pattern 18	181 - 190
	Pattern 19	191 - 200
	Pattern 20	201 - 210
	Pattern 21	211 - 220
	Pattern 22	221 - 230
	Pattern 23	231 - 240
	Random Pattern	241 - 255
10	PATTERNS SPEED	
	Static indexing	000 - 029
	Speed slow to fast	030 - 140
	TBD / Not used	141 - 255
11	FOREGROUND COLOR	
	No function (COLOR FUNCTION CHANNEL)	000 - 012
	R	013 - 025
	G	026 - 038
	B	039 - 051
	W	052 - 064
	GB	065 - 077
	RB	078 - 090
	RG	091 - 103
	RGB	104 - 116
	RW	117 - 129
	GW	130 - 142
	BW	143 - 155
	RGW	156 - 168
	RBW	169 - 181
	GBW	182 - 194
	RGBW	195 - 207

11	White 2000K White 3000K White 4000K Color Cycling	208 - 220 221 - 233 234 - 246 247 - 255
12	FOREGROUND DIMMER 0~100%	000 - 255
13	BACKGROUND COLOR No function (main RGBW channels control) R G B W GB RB RG RGB RW GW BW RGW RBW GBW RGBW White 2000K White 3000K White 4000K Color Cycling	000 - 012 013 - 025 026 - 038 039 - 051 052 - 064 065 - 077 078 - 090 091 - 103 104 - 116 117 - 129 130 - 142 143 - 155 156 - 168 169 - 181 182 - 194 195 - 207 208 - 220 221 - 233 234 - 246 247 - 255
14	BACKGROUND DIMMER Dimmer 0~100%	000 - 255
15	DIMMER FADE Preset dimmer speed from display menu Dimmer curve Fast to Slow	000 - 000 001 - 255
16	CONTROL CHANNEL No function Dimmer Speed AUTO Dimmer Speed FAST Dimmer Speed MEDIUM Dimmer Speed SLOW Static Fixed Color Static Manual Color Key Lock ON Key Lock OFF MASTER DMX SLAVE Backlight ON Backlight 10s Backlight 20s Backlight 30s Mapping Rotation ON Mapping Rotazione OFF Reserved	000-009 010-019 020-029 030-039 040-049 050-059 060-069 070-079 080-089 090-099 100-109 110-119 120-129 130-139 140-149 150-159 160-169 170-255