

# DMX Profile

## Halo 5R 15 Channel Mode

DMX Channel	Function	Description	Value
1	Pan	Pan	0-255
2	Pan Fine	Pan Fine	0-255
3	Tilt	Tilt	0-255
4	Tilt Fine	Tilt fine	0-255
5	Pan/Tilt Speed	Fast	0-84
		Mid	85-170
		Slow	171-255
6	Control	No Function	0-249
		Reset	250-254
		No Function	255
7	Dimmer	5R Lamp 0% to 100%	0-255
8	5R lamp Shutter/ Strobe	Close	0-31
		Strobe (slow to fast)	32-95
		Open	96-127
		Pulse strobe (slow to fast)	128-158
		Open	159-191
		Random Strobe (slow to fast)	192-223
9	Colors	Open	0-15
		Red	16-31
		Green	32-47
		Yellow	48-63
		Blue	64-79
		Magenta	80-95
		Orange	96-111
		Light Blue	112-127
		Forward and Backward Rainrow Effect(slow to fast)	128-255
10	Gobo	Open	0-15
		Gobo 1	16-31
		Gobo 2	32-47
		Gobo 3	48-63
		Gobo 4	64-79
		Gobo 5	80-95
		Gobo 6	96-111
		Gobo 7	112-127
		Gobo Wheel Rotation Clockwise (slow to fast)	128-191
		Gobo Wheel Rotation Counter Clockwise (slow to fast)	192-255
11	Gobo Rotation	No Function	0-15
		Clockwise rotation (slow to fast)	1-85
		Counter Clockwise rotation (slow to fast)	86-171
		Gobo Bounce (back and forth)	172-255
12	Iris	Iris (open to close)	0-191
		Iris Pulse (slow to fast)	192-252

13	Focus	Focus from Near to far	0-255
14	Prism	No Function	0-63
		Prism	64-255
15	Prism Rotate	No Function	0-15
		Prism Rota Clockwise (Slow to Fast)	16-136
		Prism Rota Counter Clockwise (Fast to Slow)	137-255

## Halo 5R 19 Channel Mode

DMX Channel	Function	Description	Value
1	Pan	Pan	0-255
2	Pan Fine	Pan Fine	0-255
3	Tilt	Tilt	0-255
4	Tilt Fine	Tilt fine	0-255
5	Pan/Tilt Speed	From fast to slow	0-255
6	Control	No Function	0-249
		Reset	250-254
		No Function	255
7	Dimmer	5R Lamp Dimmer 0% to 100%	0-255
8	5R lamp Shutter/ Strobe	Close	0-31
		Strobe (slow to fast)	32-95
		Open	96-127
		Pulse strobe (slow to fast)	128-158
		Open	159-191
		Random Strobe (slow to fast)	192-223
		Open	224-255
9	Colors	Open	0-15
		Red	16-31
		Green	32-47
		Yellow	48-63
		Blue	64-79
		Magenta	80-95
		Orange	96-111
		Light Blue	112-127
		Forward and Backward Rainrow Effect(slow to fast)	128-255
10	Gobo	Open	0-15
		Gobo 1	16-31
		Gobo 2	32-47
		Gobo 3	48-63
		Gobo 4	64-79
		Gobo 5	80-95
		Gobo 6	96-111
		Gobo 7	112-127
		Gobo Wheel Rotation Clockwise (slow to fast)	128-191
		Gobo Wheel Rotation Counter Clockwise (slow to fast)	192-255

11	Gobo Rotation	No Function	0-15
		Clockwise rotation (slow to fast)	16-136
		Counter Clockwise rotation (slow to fast)	137-225
		Gobo Bounce (back and forth)	172-255
12	Iris	Iris (open to close)	0-191
		Iris Pulse (slow to fast)	192-252
13	Focus	Focus from Near to far	0-255
14	Prism	No Function	0-63
		Prism	64-255
15	Prism Rotate	No Function	0-15
		Prism Rota Clockwise (Slow to Fast)	16-136
		Prism Rota Counter Clockwise (Fast to Slow)	137-255
15	Red	Red LED Dimmer (full ring)	0-255
16	Green	Green LED Dimmer (full ring)	0-255
17	Blue	Blue LED Dimmer (full ring)	0-255
18	Macros	No Function	0
		Color Fade (slow to fast)	1-19
		Color Step Chase (slow to fast)	20-39
		Red Ring Chase (slow to fast)	40-59
		Green Ring Chase (slow to fast)	60-79
		Blue Ring Chase (slow to fast)	80-99
		Random Color Fade each different (slow to fast)	100-119
		Random Color Step each different (slow to fast)	120-139
		Red Pulse (slow to fast)	140-169
		Green Pulse (slow to fast)	170-199
		Blue Pulse (slow to fast)	200-229
		White Pulse (slow to fast)	230-255
19	LED Strobe	Strobe (slow to fast)	0-255

## Halo 5R 29 Channel Mode

DMX Channel	Function	Description	Value
1	Pan	Pan	0-255
2	Pan Fine	Pan Fine	0-255
3	Tilt	Tilt	0-255
4	Tilt Fine	Tilt fine	0-255
5	Pan/Tilt Speed	From fast to slow	0-255
6	Control	No Function	0-249
		Reset	250-254
		No Function	255
7	Dimmer	5R Lamp Dimmer 0% to 100%	0-255
8	5R lamp Shutter/ Strobe	Close	0-31
		Strobe (slow to fast)	32-95
		Open	96-127
		Pulse strobe (slow to fast)	128-158
		Open	159-191
		Random Strobe (slow to fast)	192-223
		Open	224-255

9	Colors	Open	0-15
		Red	16-31
		Green	32-47
		Yellow	48-63
		Blue	64-79
		Magenta	80-95
		Orange	96-111
		Light Blue	112-127
		Forward and Backward Rainbow Effect (slow to fast)	128-255
10	Gobo	Open	0-15
		Gobo 1	16-31
		Gobo 2	32-47
		Gobo 3	48-63
		Gobo 4	64-79
		Gobo 5	80-95
		Gobo 6	96-111
		Gobo 7	112-127
		Gobo Wheel Rotation Clockwise (slow to fast)	128-191
		Gobo Wheel Rotation Counter Clockwise (slow to fast)	192-255
11	Gobo Rotation	No Function	0-15
		Clockwise rotation (slow to fast)	16-136
		Counter Clockwise rotation (slow to fast)	137-255
12	Iris	Iris (open to close)	0-191
		Iris Pulse (slow to fast)	192-252
13	Focus	Focus from near to far	0-255
14	Prism	No Function	0-63
		Prism	64-255
15	Prism Rotate	No Function	0-10
		Prism rotation Clockwise (Slow to Fast)	11-130
		Prism rotation Counter Clockwise (Slow to Fast)	131-255
16	Macros	No Function	0
		Color Fade (slow to fast)	1-19
		Color Step Chase (slow to fast)	20-39
		Red Ring Chase (slow to fast)	40-59
		Green Ring Chase (slow to fast)	60-79
		Blue Ring Chase (slow to fast)	80-99
		Random Color Fade each different (slow to fast)	100-119
		Random Color Step each different (slow to fast)	120-139
		Red Pulse (slow to fast)	140-169
		Green Pulse (slow to fast)	170-199
		Blue Pulse (slow to fast)	200-229
White Pulse (slow to fast)	230-255		
17	LED Strobe	Strobe (slow to fast)	0-255
18	Red 1	Red 1 Dimmer	0-255
19	Green 1	Green 1 Dimmer	0-255
20	Blue 1	Blue 1 Dimmer	0-255
21	Red 2	Red 2 Dimmer	0-255
22	Green 2	Green 2 Dimmer	0-255
23	Blue 2	Blue 2 Dimmer	0-255
24	Red 3	Red 3 Dimmer	0-255
25	Green 3	Green 3 Dimmer	0-255
26	Blue 3	Blue 3 Dimmer	0-255
27	Red 4	Red 4 Dimmer	0-255
28	Green 4	Green 4 Dimmer	0-255
29	Blue 4	Blue 4 Dimmer	0-255