

DMX CHART

20CH Mode(DMX,ArtNet,sACN)

CH	Value	Function	Description
1CH	0-255	Pan	0°- 540°
2CH	0-255	Pan Fine	16 bit adjustable
3CH	0-255	Tilt	0°- 205°
4CH	0-255	Tile Fine	16 bit adjustable
5CH	0-255	Pan/Tilt speed	fast to slow
6CH	0-255	Zoom	3°- 45°
7CH	0-255	Zoom Fine	
8CH	0-255	Lens Rotation	
	0-5	/	
	6-62	Clockwise rotate	0-360°
	63-127	Counter-Clockwise rotate	0-360°
	128-192	Infinite Clockwise	slow to fast
	193-255	Infinite Counter-Clockwise	slow to fast
9CH	0-255	Control	The value must stop for 5 seconds to make Effect
	0-10	No Function	
	11-16	Dimmer smooth	Dimmer menu set to smooth
	17-21	Dimmer Fast	Dimmer menu set to fast
	22-26	LED FREQ	400HZ
	27-31		1200HZ
	32-36		2000HZ
	37-41		4000HZ
	42-46		6000HZ
	47-51		8000HZ
	52-56		16000HZ
	57-61		24000HZ
	62-66	Dimmer Mode	Linear
	67-71		Square
	72-76		I-Square
	77-81		S-Shape
	82-86	Fan Mode	Fan Auto
	87-91		Fan Silent
	92-96		Fan Full
	97-101	Screen Lock	YES
	102-106		NO
	107-111	Display	ON
	112-116		10S
	117-121		30S

	122-126		1min
	127-200	No Function	
	201-215	Reset	Effect motor reset
	216-230		Pan/Tilt motor reset
	231-245		Overall reset
	246-255	No Function	
10CH	0-255	Master Dimmer	Dark to light
11CH	0-255	Master Dimmer Fine	
12CH	0-255	60W LED strobe	
	0-5	/	
	6-55	Synchronous strobe	From slow to fast
	56-105	Pulse strobe	From slow to fast
	106-155	Random strobe	From slow to fast
	156-205	Gradient Strobe1	The larger value, the faster speed Dark to light
	206-255	Gradient Strobe2	The larger value, the faster speed Light to dark
13CH	0-255	60W Red	Dark to light
14CH	0-255	60W Green	Dark to light
15CH	0-255	60W Blue	Dark to light
16CH	0-255	60W White	Dark to light
17CH	0-255	60W Built in program	Program1-program16
	0-5	/	
	6-20	Program 1	Program color is controlled by 60W color channel
	21-35	Program 2	
	36-50	Program 3	
	51-65	Program 4	
	66-80	Program 5	
	81-95	Program 6	
	96-110	Program 7	
	111-125	Program 8	
	126-140	Program 9	
	141-155	Program 10	
	156-170	Program 11	
	171-185	Program 12	
	186-200	Program 13	
	201-215	Program 14	
	216-230	Program 15	
	231-245	Program 16	
	246-255	Auto -built-in programs	Program 1-Program 16 loop play
18CH	0-255	60W Program Speed	0-127 clockwise rotate slow to fast 128-255 counterclockwise rotate slow to fast
19CH	0-255	Marco Color	

0-45		
46-50	Cyan	R=000,G=255,B=255,W=000
51-55	Yellow	R=255,G=255,B=000,W=000
56-60	Magenta	R=255,G=000,B=255,W=000
61-65	Medium Yellow	R=156,G=126,B=000,W=000
66-70	Straw Tint	R=152,G=115,B=009,W=000
71-75	Surprise Peach	R=198,G=114,B=009,W=000
76-80	Fire	R=255,G=056,B=000,W=000
81-85	Medium Amber	R=255,G=135,B=000,W=000
86-90	Gold Amber	R=255,G=100,B=000,W=000
91-95	Dark Amber	R=255,G=065,B=000,W=000
96-100	Sunrise Red	R=255,G=083,B=002,W=000
101-105	Light Pink	R=255,G=112,B=000,W=141
106-110	Medium Pink	R=255,G=087,B=000,W=107
111-115	Pink Carnation	R=255,G=107,B=000,W=130
116-120	Light Lavender	R=243,G=117,B=039,W=197
121-125	Sky Blue	R=000,G=255,B=135,W=000
126-130	Just Blue	R=000,G=194,B=130,W=000
131-135	Dark yellow green	R=041,G=219,B=000,W=000
136-140	Spring Yellow	R=245,G=202,B=000,W=000
141-145	Light Amber	R=237,G=163,B=000,W=000
146-150	Straw Tint	R=230,G=160,B=000,W=069
151-155	Deep Amber	R=255,G=166,B=000,W=000
156-160	Orange	R=255,G=122,B=000,W=000
161-165	Light Rose	R=255,G=141,B=031,W=000
166-170	Middle Rose	R=217,G=130,B=028,W=000
171-175	Dark Pink	R=255,G=109,B=033,W=000
176-180	Magenta	R=255,G=020,B=015,W=000
181-185	Peacock Blue	R=051,G=255,B=051,W=000
186-190	Steel Blue	R=206,G=255,B=056,W=000
191-195	Light Blue	R=074,G=255,B=082,W=000
196-200	Dark Blue	R=000,G=186,B=255,W=000
201-205	Leaf Green	R=206,G=255,B=000,W=000
206-210	Dark Green	R=084,G=255,B=013,W=000
211-215	Mauve	R=227,G=041,B=056,W=000
216-220	Deep Golden Amber	R=255,G=058,B=000,W=000
221-225	Pale Lavender	R=255,G=197,B=061,W=000
226-230	Primary Green	R=077,G=255,B=000,W=000
231-235	Bright Blue	R=000,G=255,B=087,W=000
235-240	Apricot	R=255,G=143,B=013,W=000
241-245	Pale Gold	R=253,G=171,B=026,W=000

	246-250	Deep Orange	R=222,G=084,B=000,W=000
	251-255	Flame Red	R=255,G=046,B=002,W=000
	0-255	Color temperature preset	Color temperature 2000K-8000K
	0-17	Off light	
	18-34	8000K	R=255,G=182,B=110,W=255
	35-51	7500K	R=255,G=144,B=089,W=255
	52-68	6500K	R=255,G=129,B=081,W=255
	69-85	6000K	R=255,G=121,B=073,W=255
	86-102	5600K	R=255,G=106,B=066,W=255
	103-119	5000K	R=255,G=090,B=055,W=255
	120-136	4500K	R=255,G=071,B=043,W=255
	137-153	4000K	R=255,G=055,B=034,W=255
	154-170	3500K	R=255,G=029,B=024,W=255
	171-187	3200K	R=255,G=011,B=019,W=255
	188-204	3000K	R=255,G=004,B=016,W=255
	205-221	2700K	R=255,G=000,B=009,W=203
	222-238	2500K	R=255,G=000,B=004,W=172
	239-255	2000K	R=255,G=000,B=000,W=105

90CH Mode(Support DMX/Artnet/sACN.

When you use DMX+Artnet mode, the 1-14CH are controlled by DMX protocol)

CH	Value	Function	Description
1CH	0-255	Pan	0°- 540°
2CH	0-255	Pan Fine	16 bit adjustable
3CH	0-255	Tilt	0°- 205°
4CH	0-255	Tile Fine	16 bit adjustable
5CH	0-255	Pan/Tilt speed	Dast to slow
6CH	0-255	Zoom	3°- 45°
7CH	0-255	Zoom Fine	
	0-255	Lens Rotation	
	0-5	/	
	6-62	Clockwise rotate	
	63-127	Counter-Clockwise rotate	
	128-192	Infinite Clockwise	0-360°
	193-255	Infinite Counter-Clockwise	0-360°
	0-255	Control	The value must stop for 5 seconds to make Effect
	0-10	No Function	
	11-16	Dimmer smooth	Dimmer menu set to smooth
	17-21	Dimmer Fast	Dimmer menu set to fast
	22-26		400HZ

9CH	27-31	LED FREQ	1200HZ
	32-36		2000HZ
	37-41		4000HZ
	42-46		6000HZ
	47-51		8000HZ
	52-56		16000HZ
	57-61		24000HZ
	62-66	Dimmer Mode	Linear
	67-71		Square
	72-76		I-Square
	77-81		S-Shape
	82-86	Fan Mode	Fan Auto
	87-91		Fan Silent
	92-96		Fan Full
	97-101	Screen Lock	YES
	102-106		NO
	107-111	Display	ON
	112-116		10S
	117-121		30S
	122-126		1min
	127-200	No Function	
	201-215	Reset	Effect motor reset
	216-230		Pan/Tilt motor reset
	231-245		Overall reset
	246-255	No Function	
10CH	0-255	60W Dimmer	Dark to light
11CH	0-255	60W Dimmer Fine	
12CH	0-255	60W Strobe	
	0-5	/	
	6-55	Synchronous strobe	The larger value, the faster speed
	56-105	Pulse strobe	The larger value, the faster speed
	106-155	Random strobe	The larger value, the faster speed
	156-205	Gradient Strobe1	The larger value, the faster speed Dark to light
	206-255	Gradient Strobe2	The larger value, the faster speed Light to dark
13CH	0-255	Marco Color	
	0-45		
	46-50	Cyan	R=000,G=255,B=255,W=000
	51-55	Yellow	R=255,G=255,B=000,W=000
	56-60	Magenta	R=255,G=000,B=255,W=000
	61-65	Medium Yellow	R=156,G=126,B=000,W=000
	66-70	Straw Tint	R=152,G=115,B=009,W=000
	71-75	Surprise Peach	R=198,G=114,B=009,W=000

	76-80	Fire	R=255,G=056,B=000,W=000
	81-85	Medium Amber	R=255,G=135,B=000,W=000
	86-90	Gold Amber	R=255,G=100,B=000,W=000
	91-95	Dark Amber	R=255,G=065,B=000,W=000
	96-100	Sunrise Red	R=255,G=083,B=002,W=000
	101-105	Light Pink	R=255,G=112,B=000,W=141
	106-110	Medium Pink	R=255,G=087,B=000,W=107
	111-115	Pink Carnation	R=255,G=107,B=000,W=130
	116-120	Light Lavender	R=243,G=117,B=039,W=197
	121-125	Sky Blue	R=000,G=255,B=135,W=000
	126-130	Just Blue	R=000,G=194,B=130,W=000
	131-135	Dark yellow green	R=041,G=219,B=000,W=000
	136-140	Spring Yellow	R=245,G=202,B=000,W=000
	141-145	Light Amber	R=237,G=163,B=000,W=000
	146-150	Straw Tint	R=230,G=160,B=000,W=069
	151-155	Deep Amber	R=255,G=166,B=000,W=000
	156-160	Orange	R=255,G=122,B=000,W=000
	161-165	Light Rose	R=255,G=141,B=031,W=000
	166-170	Middle Rose	R=217,G=130,B=028,W=000
	171-175	Dark Pink	R=255,G=109,B=033,W=000
	176-180	Magenta	R=255,G=020,B=015,W=000
	181-185	Peacock Blue	R=051,G=255,B=051,W=000
	186-190	Steel Blue	R=206,G=255,B=056,W=000
	191-195	Light Blue	R=074,G=255,B=082,W=000
	196-200	Dark Blue	R=000,G=186,B=255,W=000
	201-205	Leaf Green	R=206,G=255,B=000,W=000
	206-210	Dark Green	R=084,G=255,B=013,W=000
	211-215	Mauve	R=227,G=041,B=056,W=000
	216-220	Deep Golden Amber	R=255,G=058,B=000,W=000
	221-225	Pale Lavender	R=255,G=197,B=061,W=000
	226-230	Primary Green	R=077,G=255,B=000,W=000
	231-235	Bright Blue	R=000,G=255,B=087,W=000
	235-240	Apricot	R=255,G=143,B=013,W=000
	241-245	Pale Gold	R=253,G=171,B=026,W=000
	246-250	Deep Orange	R=222,G=084,B=000,W=000
	251-255	Flame Red	R=255,G=046,B=002,W=000
14CH	0-255	Color temperature preset	Color temperature 2000K-8000K
	0-17	Off light	
	18-34	8000K	R=255,G=182,B=110,W=255
	35-51	7500K	R=255,G=144,B=089,W=255
	52-68	6500K	R=255,G=129,B=081,W=255
	69-85	6000K	R=255,G=121,B=073,W=255

	86-102	5600K	R=255,G=106,B=066,W=255
	103-119	5000K	R=255,G=090,B=055,W=255
	120-136	4500K	R=255,G=071,B=043,W=255
	137-153	4000K	R=255,G=055,B=034,W=255
	154-170	3500K	R=255,G=029,B=024,W=255
	171-187	3200K	R=255,G=011,B=019,W=255
	188-204	3000K	R=255,G=004,B=016,W=255
	205-221	2700K	R=255,G=000,B=009,W=203
	222-238	2500K	R=255,G=000,B=004,W=172
	239-255	2000K	R=255,G=000,B=000,W=105
15CH	0-255	LED1 Red	Dark to light
16CH	0-255	LED1 Green	Dark to light
17CH	0-255	LED1 Blue	Dark to light
18CH	0-255	LED1 White	Dark to light
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87CH	0-255	LED19 Red	Dark to light
88CH	0-255	LED19 Green	Dark to light
89CH	0-255	LED19 Blue	Dark to light
90CH	0-255	LED19 White	Dark to light

SPECIFICATIONS

◆SOURCE:

19pcs* 60W RGBW LEDs
50,000 Hour Average LED Life*

◆PHOTOMETRIC DATA:

CRI 80+
Zoom Range 4.5° - 60°

◆EFFECTS

Motorized Zoom
Linear Color Temperature Presets (2000 -8000K)
RGBL Color Mixing and Pixel Control
Color Presets and Macros
Electronic Strobe and Variable Dimming Curves
16 - Bit Dimming

◆CONTROL / CONNECTIONS:

20/90CH DMX Channel Modes
Pan Movement: 540°
Tilt Movement: 210°
DMX Adjustable Refresh Rate (800 - 24000 Hz)
Full Color 180° Reversible LCD Menu Display