

IP Waterproof 10x60w Pixel Zoom Wash Beam Bar Moving Head Light



User Manual

1.PACKAGE CONTENTS

1× IP Waterproof 10x60w Pixel Zoom Wash Beam Bar Moving Head Light

1×Mounting bracket

1×AC power cord

1×User's manual

1× 3-pin Signal cord

2.MENU

MENU	Dmx Address	001 - 512	
	Fixture	Ch Mode	Single Ch/Dual Ch
		Ch Mode1	29CH56CH/216CH/262CH/282CH/142CH/247CH
		Ch Mode2	/
		Run Mode	DMX / AutoX
		Pan Invert	Close/ Open
		Tilt Invert	Close/ Open
		Fan Control	Normal/Low/Quiet/High
		Dim Curve	Linear/Square Law/Inv SQ Law/S Curve
		Dim Fast Close	Close/ Open
		No DMX State	Clear/ Keep
		LED Flush	900Hz/1000Hz/1100Hz/1200Hz/1300Hz/ 1400H/1500Hz/2500Hz/4000Hz/5000Hz/ 6000Hz/10KHz/15KHz/20KHz/25KHz
	Manual	Pan 1	000 - 255
		Pan Fine 1	000 - 255
		Tilt 1	000 - 255
		Tilt Fine 1	000 - 255
			
	Information	Time	Current Time
			Total Time
			Power Count

		Sensor	Tilt 1
			Pan 1
			Zoom 1
			Temp 1
			
		Temperature	Head1 Temp
			Head2 Temp
			Head3 Temp
			Head4 Temp
			Head5 Temp
		Software Version	Show
			Y Motor
			Dimmer 1
			Dimmer 2
			Dimmer 3
			Dimmer 4
			Dimmer 5
	Factory	Password	000 - 255
		Pan1	000 - 255
		Tilt1	000 - 255
		Zoom1	000 - 255
		Pan2	000 - 255
		Tilt2	000 - 255
			
			
	FixReset	All Reset	OFF/Run
		Factory	OFF/Run
	Display	Language	CH / EN
		Display Flip	Normal/Reverse
		Display Mode	60s / Show

Mode/Channel							Channel	DMX	Function
282CH	262CH	216CH	56CH	29CH	142CH	247CH			
1	1	1	1	1	13	18	Tilt 1	0-255	Tilt 0-200°
2	2	2	2	2	14	19	Tilt 1 16bit	0-255	16bit adjustable
3	3	3	3	1	26	41	Tilt 2	0-255	Tilt 0-200°
4	4	4	4	2	27	42	Tilt 2 16bit	0-255	16bit adjustable
5	5	5	5	1	39	64	Tilt 3	0-255	Tilt 0-200°
6	6	6	6	2	40	65	Tilt 3 16bit	0-255	16bit adjustable
7	7	7	7	1	52	87	Tilt 4	0-255	Tilt 0-200°
8	8	8	8	2	53	88	Tilt 4 16bit	0-255	16bit adjustable
9	9	9	9	1	65	110	Tilt 5	0-255	Tilt 0-200°
10	10	10	10	2	66	111	Tilt 5 16bit	0-255	16bit adjustable
11	11	11	11	1	78	133	Tilt 6	0-255	Tilt 0-200°
12	12	12	12	2	79	134	Tilt 6 16bit	0-255	16bit adjustable
13	13	13	13	1	91	156	Tilt 7	0-255	Tilt 0-200°
14	14	14	14	2	92	157	Tilt 7 16bit	0-255	16bit adjustable
15	15	15	15	1	104	179	Tilt 8	0-255	Tilt 0-200°
16	16	16	16	2	105	180	Tilt 8 16bit	0-255	16bit adjustable
17	17	17	17	1	117	202	Tilt 9	0-255	Tilt 0-200°
18	18	18	18	2	118	203	Tilt 9 16bit	0-255	16bit adjustable
19	19	19	19	1	130	225	Tilt 10	0-255	Tilt 0-200°
20	20	20	20	2	131	226	Tilt 10 16bit	0-255	16bit adjustable
21	21	21	21	3			Tilt speed	0-255	fast to slow
22	22	22	22	4			Tilt macro	0-4	no function
								5-9	tilt macro 1
								10-14	tilt macro 2
								15-19	tilt macro 3
								.	.
								.	.
.	.								

								240-244	Tilt macro 48
								245-249	Tilt macro 49
								250-254	Tilt macro 50
								255	Tilt macro 51
23	23	23	23	5	5	5	CTC	0	no function
								1-255	from 19000K to 2700K
24	24	24	24	6			Strobe line CTC	0	no function
								1-255	from 8000K to 2700K
25	25	25	25	7		6	Color	0	no function
								1-2	white 2700K(R=236, G=137, B=0, W=28)
								3-4	white 3200K(R=255, G=161, B=0, W=56)
								5-6	white 4000K(R=229, G=183, B=0, W=115)
								7-8	white 4200K(R=251, G=255, B=8, W=145)
								9-10	white 5600K(R=155, G=176, B=15, W=93)
								11-12	white 6500K(R=160, G=190, B=18, W=181)
								13-14	white 7500K(R=160, G=209, B=25, W=242)
								15	Blue (R=0, G=0, B=255, W=0)
								16-52	R=0, G+, B=255, W=0
								53	Cyan (R=0, G=255, B=255, W=0)
								54-90	R=0, G=255, B-, W=0
								91	Green (R=0, G=255, B=0, W=0)
								92-128	R+, G=255, B=0, W=0
								129	Yellow (R=255, G=255, B=0, W=0)
								130-166	R=255, G-, B=0, W=0
								167	Red (R=255, G=0, B=0, W=0)
								168-204	R=255, G=0, B+, W=0
								205	Magenta (R=255, G=0, B=255, W=0)
								206-242	R-, G=0, B=255, W=0
								243	Blue (R=0, G=0, B=255, W=0)
25	25	25	25	7				244-249	Color fade, fast to slow
								250-255	Color jump, fast to slow
26	26	26	26	8		7	Pattern	0	no function
								1	Pattern 1
								2	Pattern 2
								3	Pattern 3
								.	.
								.	.
								.	.
								253	Pattern 253
								254	Pattern 254
								255	Pattern 255
27	27	27	27	9	6	8	Strobe line Pattern	0	no function
								1	Pattern 1
								2	Pattern 2
								3	Pattern 3
								.	.
								.	.
								.	.
27	27	27	27	9	6	8	Strobe line Pattern	253	Pattern 253
								254	Pattern 254
								255	Pattern 255
28	28	28	28	10		9	LED built-in	0-15	no function
								16-17	LED built-in 1
								18-19	LED built-in 2
								20-21	LED built-in 3
								.	.
								.	.
								.	.
								98-99	LED built-in 42
								100-101	LED built-in 43
								102-103	LED built-in 44
								104-135	LED built-in 45(main build-in)
								136-137	LED built-in 46
								138-139	LED built-in 47
								140-141	LED built-in 48
								.	.
								.	.
								.	.
								218-219	LED built-in 87
								220-221	LED built-in 88
								222-223	LED built-in 89
								224-255	LED built-in 90(main build-in)
29	29	29	29	11		10	LED built-in speed	0-127	fast to slow

								128	stop
								129-255	reverse slow to fast
30	30	30	30	12		11	LED built-in delay	0-255	fast to slow
31	31	31	31	13	9	12	Strobe line built-in	0-15	no function
								16-17	built-in 1
								18-19	built-in 2
								20-21	built-in 3
								.	.
								.	.
								.	.
								100-101	built-in 43
								102-103	built-in 44
								104-105	built-in 45
								106-135	built-in 46(main built-in)
								136-137	built-in 47
								138-139	built-in 48
								140-141	built-in 49
								.	.
								.	.
								.	.
								220-221	built-in 89
								222-223	built-in 90
								224-225	built-in 91
								226-255	built-in 92(main built-in)
32	32	32	32	14	10	13	Strobe line built-in speed	0-127	fast to slow
								128	stop
								129-255	reverse slow to fast
33	33	33	33	15	11	14	Strobe line built-in delay	0-255	fast to slow
34	34	34	34	16	7	15	Background color	0	no function
								1-2	2700K(R=156, G=118, B=0, W=63)
								3-4	3200K(R=156, G=141, B=5, W=89)
								5-6	4200K(R=156, G=141, B=14, W=255)
								7-8	5600K(R=156, G=207, B=54, W=255)
								9-10	8000K(R=130, G=255, B=96, W=255)
								11	Blue (R=0, G=0, B=255, W=0)
								12-48	R=0, G+, B=255, W=0
								49	Cyan (R=0, G=255, B=255, W=0)
								50-86	R=0, G=255, B-, W=0
								87	Green (R=0, G=255, B=0, W=0)
								88-124	R+, G=255, B=0, W=0
								125	Yellow (R=255, G=255, B=0, W=0)
								126-162	R=255, G-, B=0, W=0
								163	Red (R=255, G=0, B=0, W=0)
								164-200	R=255, G=0, B+, W=0
								201	Magenta (R=255, G=0, B=255, W=0)
								202-238	R-, G=0, B=255, W=0
								239	Blue (R=0, G=0, B=255, W=0)
								240-247	Color fade, fast to slow
								248-255	Color jump, fast to slow
35	35	35	35	17	8	16	Background color dimmer	0-255	0-100%
36	36						Background color dimmer 16bit	0-255	0-100%
37	37	36	36	18	1	1	Dimmer	0-255	0-100%
38	38				2	2	Dimmer 16bit	0-255	0-100%
39	39	37	37	19			Strobe line dimmer	0-255	0-100%
40	40	38	38	20	3	3	Strobe	0-19	off
								20-24	on
								25-64	strobe 1, fast to slow
								65-69	on
								70-84	strobe 2 (fast on, slow off), fast to slow
								85-89	on
								90-104	strobe 3 (slow on, fast off), fast to slow
								105-109	on
								110-124	strobe 4 (random), fast to slow
								125-129	on
								130-144	strobe 5 (random fast on, slow off), fast to slow
								145-149	on
								150-164	strobe 6 (random slow on, fast off), fast to slow
								165-169	on
								170-184	strobe 7 (pulse strobe), fast to slow

								185-189	on
								190-204	strobe 8 (random pulse strobe), fast to slow
								205-209	on
								210-224	strobe 9 (fade), fast to slow
								225-229	on
								230-244	strobe 10 (pulse strobe), fast to slow
								245-255	on
41	41	39	39	21	4	4	Strobe line strobe	0-19	off
								20-24	on
								25-64	strobe 1, fast to slow
								65-69	on
								70-84	strobe 2 (fast on, slow off), fast to slow
								85-89	on
								90-104	strobe 3 (slow on, fast off), fast to slow
								105-109	on
								110-124	strobe 4 (random), fast to slow
								125-129	on
								130-144	strobe 5 (random fast on, slow off), fast to slow
								145-149	on
								150-164	strobe 6 (random slow on, fast off), fast to slow
								165-169	on
								170-184	strobe 7 (pulse strobe), fast to slow
								185-189	on
								190-204	strobe 8 (random pulse strobe), fast to slow
								205-209	on
								210-224	strobe 9 (fade), fast to slow
								225-229	on
230-244	strobe 10 (pulse strobe), fast to slow								
245-255	on								
42	42	40	40	22	15	20	Zoom1	0-255	0-100%
43	43	41	41		28	43	Zoom2	0-255	0-100%
44	44	42	42		41	66	Zoom3	0-255	0-100%
45	45	43	43		54	89	Zoom4	0-255	0-100%
46	46	44	44		67	112	Zoom5	0-255	0-100%
47	47	45	45		80	135	Zoom6	0-255	0-100%
48	48	46	46		93	158	Zoom7	0-255	0-100%
49	49	47	47		106	181	Zoom8	0-255	0-100%
50	50	48	48		119	204	Zoom9	0-255	0-100%
51	51	49	49		132	227	Zoom10	0-255	0-100%
52	52	50	50	23	12	17	Control	0-9	no function
								10-14	tilt blackout
								15-19	reserved
								20-24	color mixing RGBW
								25-29	color mixing CMY
								30-34	combine heads
								35-39	disable combine heads
								40-44	color presets HTP ON
								45-49	color presets HTP OFF
								50-54	reserved
								55-59	tilt reset
								60-64	zoom reset
								65-66	TV reset mode
								67-69	Normal reset mode
								70-74	all reset
								75-79	Cell order 1-10
80-84	Cell order 10-1								
85-89	reserved								
2	52	50	50	23	12	17	Control	90-94	tilt reverse
								95-99	reserved
								100-104	disable tilt reverse
								105-109	reserved
								110-114	red shift on
								115-119	red shift off
								120-124	reserved
								125-129	reserved
								130-134	reserved

								135-139	dimmer fast
								140-144	dimmer smooth
								145-149	Linear
								150-154	Square
								155-159	I Squa
								160-164	Scurve
								165-169	WHITE mode
								170-174	FULL mode
								175-179	PWM 600Hz
								180-184	PWM 1200Hz
								185-189	PWM 2000Hz
								190-194	PWM 4000Hz
								195-199	PWM 6000Hz
								200-204	PWM 15000Hz
								200-255	reserved
53	53	51	51	24			R(C)	0-255	0-100%
54	54						R(C) 16bit	0-255	0-100%
55	55	52	52	25			G(M)	0-255	0-100%
56	56						G(M) 16bit	0-255	0-100%
57	57	53	53	26			B(Y)	0-255	0-100%
58	58						B(Y) 16bit	0-255	0-100%
59	59	54	54	27			W	0-255	0-100%
60	60						W 16bit	0-255	0-100%
61	61	55	55	28			Cool white dimmer	0-255	0-100%
62	62	56	56	29			Warm white dimmer	0-255	0-100%
63							Dimmer 1	0-255	0-100%
64							Dimmer 1 16bit	0-255	0-100%
65	63	57			16	21	R(C)1	0-255	0-100%
66	64				17	22	R(C)1 16bit	0-255	0-100%
67	65	58			18	23	G(M)1	0-255	0-100%
68	66				19	24	G(M)1 16bit	0-255	0-100%
69	67	59			20	25	B(Y)1	0-255	0-100%
70	68				21	26	B(Y)1 16bit	0-255	0-100%
71	69	60			22	27	W1	0-255	0-100%
72	70				23	28	W1 16bit	0-255	0-100%
73							Dimmer 2	0-255	0-100%
74							Dimmer 2 16bit	0-255	0-100%
75	71	61			29	44	R(C)2	0-255	0-100%
76	72				30	45	R(C)2 16bit	0-255	0-100%
77	73	62			31	46	G(M)2	0-255	0-100%

78	74				32	47	G(M)2 16bit	0-255	0-100%
79	75	63			33	48	B(Y)2	0-255	0-100%
80	76				34	49	B(Y)2 16bit	0-255	0-100%
81	77	64			35	50	W2	0-255	0-100%
82	78				36	51	W2 16bit	0-255	0-100%
83							Dimmer 3	0-255	0-100%
84							Dimmer 3 16bit	0-255	0-100%
85	79	65			42	67	R(C) 3	0-255	0-100%
86	80				43	68	R(C) 3 16bit	0-255	0-100%
87	81	66			44	69	G(M) 3	0-255	0-100%
88	82				45	70	G(M) 3 16bit	0-255	0-100%
89	83	67			46	71	B(Y) 3	0-255	0-100%
90	84				47	72	B(Y) 3 16bit	0-255	0-100%
91	85	68			48	73	W 3	0-255	0-100%
92	86				49	74	W 3 16bit	0-255	0-100%
93							Dimmer 4	0-255	0-100%
94							Dimmer 4 16bit	0-255	0-100%
95	87	69			55	90	R(C) 4	0-255	0-100%
96	88				56	91	R(C) 4 16bit	0-255	0-100%
97	89	70			57	92	G(M) 4	0-255	0-100%
98	90				58	93	G(M) 4 16bit	0-255	0-100%
99	91	71			59	94	B(Y) 4	0-255	0-100%
100	92				60	95	B(Y) 4 16bit	0-255	0-100%
101	93	72			61	96	W 4	0-255	0-100%
102	94				62	97	W 4 16bit	0-255	0-100%
103							Dimmer 5	0-255	0-100%
104							Dimmer 5 16bit	0-255	0-100%
105	95	73			68	113	R(C) 5	0-255	0-100%
106	96				69	114	R(C) 5 16bit	0-255	0-100%
107	97	74			70	115	G(M) 5	0-255	0-100%
108	98				71	116	G(M) 5 16bit	0-255	0-100%
109	99	75			72	117	B(Y) 5	0-255	0-100%
110	100				73	118	B(Y) 5 16bit	0-255	0-100%
111	101	76			74	119	W 5	0-255	0-100%
112	102				75	120	W 5 16bit	0-255	0-100%
113							Dimmer 6	0-255	0-100%
114							Dimmer 6 16bit	0-255	0-100%
115	103	77			81	136	R(C) 6	0-255	0-100%
116	104				82	137	R(C) 6 16bit	0-255	0-100%
117	105	78			83	138	G(M) 6	0-255	0-100%

118	106				84	139	G(M) 6 16bit	0-255	0-100%
119	107	79			85	140	B(Y) 6	0-255	0-100%
120	108				86	141	B(Y) 6 16bit	0-255	0-100%
121	109	80			87	142	W 6	0-255	0-100%
122	110				88	143	W 6 16bit	0-255	0-100%
123							Dimmer 7	0-255	0-100%
124							Dimmer 7 16bit	0-255	0-100%
125	111	81			94	159	R(C) 7	0-255	0-100%
126	112				95	160	R(C) 7 16bit	0-255	0-100%
127	113	82			96	161	G(M) 7	0-255	0-100%
128	114				97	162	G(M) 7 16bit	0-255	0-100%
129	115	83			98	163	B(Y) 7	0-255	0-100%
130	116				99	164	B(Y) 7 16bit	0-255	0-100%
131	117	84			100	165	W 7	0-255	0-100%
132	118				101	166	W 7 16bit	0-255	0-100%
133							Dimmer 8	0-255	0-100%
134							Dimmer 8 16bit	0-255	0-100%
135	119	85			107	182	R(C) 8	0-255	0-100%
136	120				108	183	R(C) 8 16bit	0-255	0-100%
137	121	86			109	184	G(M) 8	0-255	0-100%
138	122				110	185	G(M) 8 16bit	0-255	0-100%
139	123	87			111	186	B(Y) 8	0-255	0-100%
140	124				112	187	B(Y) 8 16bit	0-255	0-100%
141	125	88			113	188	W 8	0-255	0-100%
142	126				114	189	W 8 16bit	0-255	0-100%
143							Dimmer 9	0-255	0-100%
144							Dimmer 9 16bit	0-255	0-100%
145	127	89			120	205	R(C) 9	0-255	0-100%
146	128				121	206	R(C) 9 16bit	0-255	0-100%
147	129	90			122	207	G(M) 9	0-255	0-100%
148	130				123	208	G(M) 9 16bit	0-255	0-100%
149	131	91			124	209	B(Y) 9	0-255	0-100%
150	132				125	210	B(Y) 9 16bit	0-255	0-100%
151	133	92			126	211	W 9	0-255	0-100%
152	134				127	212	W 9 16bit	0-255	0-100%
153							Dimmer 10	0-255	0-100%
154							Dimmer 10 16bit	0-255	0-100%
155	135	93			133	228	R(C)10	0-255	0-100%
156	136				134	229	R(C)10 16bit	0-255	0-100%
157	137	94			135	230	G(M)10	0-255	0-100%

158	138				136	231	G(M)10 16bit	0-255	0-100%
159	139	95			137	232	B(Y)10	0-255	0-100%
160	140				138	233	B(Y)10 16bit	0-255	0-100%
161	141	96			139	234	W10	0-255	0-100%
162	142				140	235	W10 16bit	0-255	0-100%
163	143	97			24	29	Cool W1 dimmer	0-255	0-100%
164	144	98			25	35	Warm W1 dimmer	0-255	0-100%
165	145	99			24	30	Cool W2 dimmer	0-255	0-100%
166	146	100			25	36	Warm W2 dimmer	0-255	0-100%
167	147	101			24	31	Cool W3 dimmer	0-255	0-100%
168	148	102			25	37	Warm W3 dimmer	0-255	0-100%
169	149	103			37	52	Cool W4 dimmer	0-255	0-100%
170	150	104			38	58	Warm W4 dimmer	0-255	0-100%
171	151	105			37	53	Cool W5 dimmer	0-255	0-100%
172	152	106			38	59	Warm W5 dimmer	0-255	0-100%
173	153	107			37	54	Cool W6 dimmer	0-255	0-100%
174	154	108			38	60	Warm W6 dimmer	0-255	0-100%
175	155	109			50	75	Cool W7 dimmer	0-255	0-100%
176	156	110			51	81	Warm W7 dimmer	0-255	0-100%
177	157	111			50	76	Cool W8 dimmer	0-255	0-100%
178	158	112			51	82	Warm W8 dimmer	0-255	0-100%
179	159	113			50	77	Cool W9 dimmer	0-255	0-100%
180	160	114			51	83	Warm W9 dimmer	0-255	0-100%
181	161	115			63	98	Cool W10 dimmer	0-255	0-100%
182	162	116			64	104	Warm W10 dimmer	0-255	0-100%
183	163	117			63	99	Cool W11 dimmer	0-255	0-100%
184	164	118			64	105	Warm W11 dimmer	0-255	0-100%
185	165	119			63	100	Cool W12 dimmer	0-255	0-100%
186	166	120			64	106	Warm W12 dimmer	0-255	0-100%
187	167	121			76	121	Cool W13 dimmer	0-255	0-100%
188	168	122			77	127	Warm W13 dimmer	0-255	0-100%
189	169	123			76	122	Cool W14 dimmer	0-255	0-100%
190	170	124			77	128	Warm W14 dimmer	0-255	0-100%
191	171	125			76	123	Cool W15 dimmer	0-255	0-100%
192	172	126			77	129	Warm W15 dimmer	0-255	0-100%
193	173	127			89	144	Cool W16 dimmer	0-255	0-100%
194	174	128			90	150	Warm W16 dimmer	0-255	0-100%
195	175	129			89	145	Cool W17 dimmer	0-255	0-100%
196	176	130			90	151	Warm W17 dimmer	0-255	0-100%
197	177	131			89	146	Cool W18 dimmer	0-255	0-100%

198	178	132			90	152	Warm W18 dimmer	0-255	0-100%
199	179	133			102	167	Cool W19 dimmer	0-255	0-100%
200	180	134			103	173	Warm W19 dimmer	0-255	0-100%
201	181	135			102	168	Cool W20 dimmer	0-255	0-100%
202	182	136			103	174	Warm W20 dimmer	0-255	0-100%
203	183	137			102	169	Cool W21 dimmer	0-255	0-100%
204	184	138			103	175	Warm W21 dimmer	0-255	0-100%
205	185	139			115	190	Cool W22 dimmer	0-255	0-100%
206	186	140			116	196	Warm W22 dimmer	0-255	0-100%
207	187	141			115	191	Cool W23 dimmer	0-255	0-100%
208	188	142			116	197	Warm W23 dimmer	0-255	0-100%
209	189	143			115	192	Cool W24 dimmer	0-255	0-100%
210	190	144			116	198	Warm W24 dimmer	0-255	0-100%
211	191	145			128	213	Cool W25 dimmer	0-255	0-100%
212	192	146			129	219	Warm W25 dimmer	0-255	0-100%
213	193	147			128	214	Cool W26 dimmer	0-255	0-100%
214	194	148			129	220	Warm W26 dimmer	0-255	0-100%
215	195	149			128	215	Cool W27 dimmer	0-255	0-100%
216	196	150			129	221	Warm W27 dimmer	0-255	0-100%
217	197	151			141	236	Cool W28 dimmer	0-255	0-100%
218	198	152			142	242	Warm W28 dimmer	0-255	0-100%
219	199	153			141	237	Cool W29 dimmer	0-255	0-100%
220	200	154			142	243	Warm W29 dimmer	0-255	0-100%
221	201	155			141	238	Cool W30 dimmer	0-255	0-100%
222	202	156			142	244	Warm W30 dimmer	0-255	0-100%
223	203	157			141	239	Cool W31 dimmer	0-255	0-100%
224	204	158			142	245	Warm W31 dimmer	0-255	0-100%
225	205	159			141	240	Cool W32 dimmer	0-255	0-100%
226	206	160			142	246	Warm W32 dimmer	0-255	0-100%
227	207	161			141	241	Cool W33 dimmer	0-255	0-100%
228	208	162			142	247	Warm W33 dimmer	0-255	0-100%
229	209	163			128	216	Cool W34 dimmer	0-255	0-100%
230	210	164			129	222	Warm W34 dimmer	0-255	0-100%
231	211	165			128	217	Cool W35 dimmer	0-255	0-100%
232	212	166			129	223	Warm W35 dimmer	0-255	0-100%
233	213	167			128	218	Cool W36 dimmer	0-255	0-100%
234	214	168			129	224	Warm W36 dimmer	0-255	0-100%
235	215	169			115	193	Cool W37 dimmer	0-255	0-100%
236	216	170			116	199	Warm W37 dimmer	0-255	0-100%
237	217	171			115	194	Cool W38 dimmer	0-255	0-100%

238	218	172			116	200	Warm W38 dimmer	0-255	0-100%
239	219	173			115	195	Cool W39 dimmer	0-255	0-100%
240	220	174			116	201	Warm W39 dimmer	0-255	0-100%
241	221	175			102	170	Cool W40 dimmer	0-255	0-100%
242	222	176			103	176	Warm W40 dimmer	0-255	0-100%
243	223	177			102	171	Cool W41 dimmer	0-255	0-100%
244	224	178			103	177	Warm W41 dimmer	0-255	0-100%
245	225	179			102	172	Cool W42 dimmer	0-255	0-100%
246	226	180			103	178	Warm W42 dimmer	0-255	0-100%
247	227	181			89	147	Cool W43 dimmer	0-255	0-100%
248	228	182			90	153	Warm W43 dimmer	0-255	0-100%
249	229	183			89	148	Cool W44 dimmer	0-255	0-100%
250	230	184			90	154	Warm W44 dimmer	0-255	0-100%
251	231	185			89	149	Cool W45 dimmer	0-255	0-100%
252	232	186			90	155	Warm W45 dimmer	0-255	0-100%
253	233	187			76	124	Cool W46 dimmer	0-255	0-100%
254	234	188			77	130	Warm W46 dimmer	0-255	0-100%
255	235	189			76	125	Cool W47 dimmer	0-255	0-100%
256	236	190			77	131	Warm W47 dimmer	0-255	0-100%
257	237	191			76	126	Cool W48 dimmer	0-255	0-100%
258	238	192			77	132	Warm W48 dimmer	0-255	0-100%
259	239	193			63	101	Cool W49 dimmer	0-255	0-100%
260	240	194			64	107	Warm W49 dimmer	0-255	0-100%
261	241	195			63	102	Cool W50 dimmer	0-255	0-100%
262	242	196			64	108	Warm W50 dimmer	0-255	0-100%
263	243	197			63	103	Cool W51 dimmer	0-255	0-100%
264	244	198			64	109	Warm W51 dimmer	0-255	0-100%
265	245	199			50	78	Cool W52 dimmer	0-255	0-100%
266	246	200			51	84	Warm W52 dimmer	0-255	0-100%
267	247	201			50	79	Cool W53 dimmer	0-255	0-100%
268	248	202			51	85	Warm W53 dimmer	0-255	0-100%
269	249	203			50	80	Cool W54 dimmer	0-255	0-100%
270	250	204			51	86	Warm W54 dimmer	0-255	0-100%
271	251	205			37	55	Cool W55 dimmer	0-255	0-100%
272	252	206			38	61	Warm W55 dimmer	0-255	0-100%
273	253	207			37	56	Cool W56 dimmer	0-255	0-100%
274	254	208			38	62	Warm W56 dimmer	0-255	0-100%
275	255	209			37	57	Cool W57 dimmer	0-255	0-100%
276	256	210			38	63	Warm W57 dimmer	0-255	0-100%
277	257	211			24	32	Cool W58 dimmer	0-255	0-100%

278	258	212			25	38	Warm W58 dimmer	0-255	0-100%
279	259	213			24	33	Cool W59 dimmer	0-255	0-100%
280	260	214			25	39	Warm W59 dimmer	0-255	0-100%
281	261	215			24	34	Cool W60 dimmer	0-255	0-100%
282	262	216			25	40	Warm W60 dimmer	0-255	0-100%

Dual Ch

Mode/Channel				Channel	DMX	Function
62CH	56CH	37CH	10CH			
1	1	1	1	Tilt 1	0-255	Tilt 0-200°
2	2	2	2	Tilt 1 16bit	0-255	16Bit adjustable
3	3	3	1	Tilt 2	0-255	Tilt 0-200°
4	4	4	2	Tilt 2 16bit	0-255	16Bit adjustable
5	5	5	1	Tilt 3	0-255	Tilt 0-200°
6	6	6	2	Tilt 3 16bit	0-255	16Bit adjustable
7	7	7	1	Tilt 4	0-255	Tilt 0-200°
8	8	8	2	Tilt 4 16bit	0-255	16Bit adjustable
9	9	9	1	Tilt 5	0-255	Tilt 0-200°
10	10	10	2	Tilt 5 16bit	0-255	16Bit adjustable
11	11	11	1	Tilt 6	0-255	Tilt 0-200°
12	12	12	2	Tilt 6 16bit	0-255	16Bit adjustable
13	13	13	1	Tilt 7	0-255	Tilt 0-200°
14	14	14	2	Tilt 7 16bit	0-255	16Bit adjustable
15	15	15	1	Tilt 8	0-255	Tilt 0-200°
16	16	16	2	Tilt 8 16bit	0-255	16Bit adjustable
17	17	17	1	Tilt 9	0-255	Tilt 0-200°
18	18	18	2	Tilt 9 16bit	0-255	16Bit adjustable
19	19	19	1	Tilt 10	0-255	Tilt 0-200°
20	20	20	2	Tilt 10 16bit	0-255	16Bit adjustable
21	21	21	3	Tilt speed	0-255	Fast to slow
22	22	22	4	Tilt macro	0-4	No function
					5-9	Tilt macro 1
					10-14	Tilt macro 2
					15-19	Tilt macro 3
					.	.
					.	.
					.	.
					240-244	Tilt macro 48
					245-249	Tilt macro 49
					250-254	Tilt macro 50
					255	Tilt macro 51
23	23			CTC	0	No function
					1-255	From 19000K to 2700K
24	24			Strobe line CTC	0	No function
					1-255	From 8000K to 2700K
25	25			Color	0	No function
					1-2	White 2700K(R=236, G=137, B=0, W=28)
					3-4	White 3200K(R=255, G=161, B=0, W=56)
					5-6	White 4000K(R=229, G=183, B=0, W=115)
					7-8	White 4200K(R=251, G=255, B=8, W=145)
					9-10	White 5600K(R=155, G=176, B=15, W=93)
					11-12	White 6500K(R=160, G=190, B=18, W=181)
					13-14	White 7500K(R=160, G=209, B=25, W=242)
					15	Blue (R=0, G=0, B=255, W=0)

					16-52	R=0, G+, B=255, W=0
					53	Cyan (R=0, G=255, B=255, W=0)
					54-90	R=0, G=255, B-, W=0
					91	Green (R=0, G=255, B=0, W=0)
					92-128	R+, G=255, B=0, W=0
					129	Yellow (R=255, G=255, B=0, W=0)
					130-166	R=255, G-, B=0, W=0
					167	Red (R=255, G=0, B=0, W=0)
					168-204	R=255, G=0, B+, W=0
					205	Magenta (R=255, G=0, B=255, W=0)
25	25			Color	206-242	R-, G=0, B=255, W=0
					243	Blue (R=0, G=0, B=255, W=0)
					244-249	Color fade, fast to slow
					250-255	Color jump, fast to slow
26	26			Pattern	0	No function
					1	Pattern 1
					2	Pattern 2
					3	Pattern 3
					.	.
					.	.
					.	.
					253	Pattern 253
					254	Pattern 254
					255	Pattern 255
27	27			Strobe line Pattern	0	No function
					1	Pattern 1
					2	Pattern 2
					3	Pattern 3
					.	.
					.	.
					.	.
					253	Pattern 253
					254	Pattern 254
					255	Pattern 255
28	28			LED built-in	0-15	No function
					16-17	LED built-in 1
					18-19	LED built-in 2
					20-21	LED built-in 3
					.	.
					.	.
					.	.
					98-99	LED built-in 42
					100-101	LED built-in 43
					102-103	LED built-in 44
					104-135	LED built-in 45(main build-in)
					136-137	LED built-in 46
					138-139	LED built-in 47
					140-141	LED built-in 48
					.	.
					.	.
					.	.
					218-219	LED built-in 87
					220-221	LED built-in 88
					222-223	LED built-in 89
					224-255	LED built-in 90(main build-in)
29	29			LED built-in speed	0-127	Fast to slow
					128	Stop

					129-255	Reverse slow to fast
30	30			LED built-in delay	0-255	Fast to slow
31	31			Strobe line built-in	0-15	No function
					16-17	Built-in 1
					18-19	Built-in 2
					20-21	Built-in 3
					.	.
					.	.
					.	.
					100-101	Built-in 43
32	32			Strobe line built-in speed	0-127	Fast to slow
					128	Stop
					129-255	Reverse slow to fast
33	33			Strobe line built-in delay	0-255	Fast to slow
34	34			Background color	0	No function
					1-2	2700K(R=156, G=118, B=0, W=63)
					3-4	3200K(R=156, G=141, B=5, W=89)
					5-6	4200K(R=156, G=141, B=14, W=255)
					7-8	5600K(R=156, G=207, B=54, W=255)
					9-10	8000K(R=130, G=255, B=96, W=255)
					11	Blue (R=0, G=0, B=255, W=0)
					12-48	R=0, G+, B=255, W=0
					49	Cyan (R=0, G=255, B=255, W=0)
					50-86	R=0, G=255, B-, W=0
					87	Green (R=0, G=255, B=0, W=0)
					88-124	R+, G=255, B=0, W=0
					125	Yellow (R=255, G=255, B=0, W=0)
					126-162	R=255, G-, B=0, W=0
					163	Red (R=255, G=0, B=0, W=0)
					164-200	R=255, G=0, B+, W=0
					201	Magenta (R=255, G=0, B=255, W=0)
					202-238	R-, G=0, B=255, W=0
					239	Blue (R=0, G=0, B=255, W=0)
					240-247	Color fade, fast to slow
					248-255	Color jump, fast to slow
35	35			Background color dimmer	0-255	0-100%
36				Background color dimmer 16bit	0-255	0-100%
37	36	23	5	Dimmer	0-255	0-100%
38				Dimmer 16bit	0-255	0-100%
39	37	24	6	Strobe line dimmer	0-255	0-100%
40	38	25	7	Strobe	0-19	Off
					20-24	On
					25-64	Strobe 1, fast to slow
					65-69	On
					70-84	Strobe 2 (fast on, slow off), fast to slow
					85-89	On
					90-104	Strobe 3 (slow on, fast off), fast to slow

					105-109	On
					110-124	Strobe 4 (random), fast to slow
					125-129	On
					130-144	Strobe 5 (random fast on, slow off), fast to slow
					145-149	On
					150-164	Strobe 6 (random slow on, fast off), fast to slow
					165-169	On
					170-184	Strobe 7 (pulse strobe), fast to slow
					185-189	On
					190-204	Strobe 8 (random pulse strobe), fast to slow
					205-209	On
					210-224	Strobe 9 (fade), fast to slow
					225-229	On
					230-244	Strobe 10 (pulse strobe), fast to slow
					245-255	On
					0-19	Off
					20-24	On
					25-64	Strobe 1, fast to slow
					65-69	On
					70-84	Strobe 2 (fast on, slow off), fast to slow
					85-89	On
					90-104	Strobe 3 (slow on, fast off), fast to slow
					105-109	On
					110-124	Strobe 4 (random), fast to slow
					125-129	On
					130-144	Strobe 5 (random fast on, slow off), fast to slow
					145-149	On
					150-164	Strobe 6 (random slow on, fast off), fast to slow
					165-169	On
					170-184	Strobe 7 (pulse strobe), fast to slow
					185-189	On
					190-204	Strobe 8 (random pulse strobe), fast to slow
					205-209	On
					210-224	Strobe 9 (fade), fast to slow
					225-229	On
					230-244	Strobe 10 (pulse strobe), fast to slow
					245-255	On
41	39	26	8	Strobe line strobe	0-19	Off
					20-24	On
					25-64	Strobe 1, fast to slow
					65-69	On
					70-84	Strobe 2 (fast on, slow off), fast to slow
					85-89	On
					90-104	Strobe 3 (slow on, fast off), fast to slow
					105-109	On
					110-124	Strobe 4 (random), fast to slow
					125-129	On
					130-144	Strobe 5 (random fast on, slow off), fast to slow
					145-149	On
					150-164	Strobe 6 (random slow on, fast off), fast to slow
					165-169	On
					170-184	Strobe 7 (pulse strobe), fast to slow
					185-189	On
					190-204	Strobe 8 (random pulse strobe), fast to slow
					205-209	On
					210-224	Strobe 9 (fade), fast to slow
					225-229	On
					230-244	Strobe 10 (pulse strobe), fast to slow
					245-255	On
42	40	27	9	Zoom1	0-255	0-100%
43	41	28		Zoom2	0-255	0-100%
44	42	29		Zoom3	0-255	0-100%
45	43	30		Zoom4	0-255	0-100%
46	44	31		Zoom5	0-255	0-100%
47	45	32		Zoom6	0-255	0-100%
48	46	33		Zoom7	0-255	0-100%
49	47	34		Zoom8	0-255	0-100%
50	48	35		Zoom9	0-255	0-100%
51	49	36		Zoom10	0-255	0-100%
					0-9	No function
					10-14	Tilt blackout
					15-19	Reserved
					20-24	Color mixing RGBW
					25-29	Color mixing CMY
					30-34	Combine heads
					35-39	Disable combine heads
52	50	37	10	Control	0-9	No function
					10-14	Tilt blackout
					15-19	Reserved
					20-24	Color mixing RGBW
					25-29	Color mixing CMY
					30-34	Combine heads
					35-39	Disable combine heads

					40-44	Color presets HTP ON
					45-49	Color presets HTP OFF
					50-54	Reserved
					55-59	Tilt reset
					60-64	Zoom reset
					65-66	TV reset mode
					67-69	Normal reset mode
					70-74	All reset
					75-79	Cell order 1-10
					80-84	Cell order 10-1
					85-89	Reserved
					90-94	Tilt reverse
					95-99	Reserved
					100-104	Disable tilt reverse
					105-109	Reserved
					110-114	Red shift on
					115-119	Red shift off
					120-124	Reserved
					125-129	Reserved
					130-134	Reserved
					135-139	Dimmer fast
					140-144	Dimmer smooth
					145-149	Linear
					150-154	Square
					155-159	I Squa
					160-164	Scurve
					165-169	WHITE mode
					170-174	FULL mode
					175-179	PWM 600Hz
					180-184	PWM 1200Hz
					185-189	PWM 2000Hz
					190-194	PWM 4000Hz
					195-199	PWM 6000Hz
					200-204	PWM 15000Hz
					205-255	Reserved
52	50	37	10	Control		
53	51			R(C)	0-255	0-100%
54				R(C) 16bit	0-255	0-100%
55	52			G(M)	0-255	0-100%
56				G(M) 16bit	0-255	0-100%
57	53			B(Y)	0-255	0-100%
58				B(Y) 16bit	0-255	0-100%
59	54			W	0-255	0-100%
60				W 16bit	0-255	0-100%
61	55			Cool white dimmer	0-255	0-100%
62	56			Warm white dimmer	0-255	0-100%

Mode/Channel			Channel	DMX	Function
200CH	160CH	150CH			
1	1	1	R(C)1	0-255	0-100%
2			R(C)1 16bit	0-255	0-100%
3	2	2	G(M)1	0-255	0-100%
4			G(M)1 16bit	0-255	0-100%
5	3	3	B(Y)1	0-255	0-100%
6			B(Y)1 16bit	0-255	0-100%

7	4		W1	0-255	0-100%
8			W1 16bit	0-255	0-100%
9	5	4	R(C)2	0-255	0-100%
10			R(C)2 16bit	0-255	0-100%
11	6	5	G(M)2	0-255	0-100%
12			G(M)2 16bit	0-255	0-100%
13	7	6	B(Y)2	0-255	0-100%
14			B(Y)2 16bit	0-255	0-100%
15	8		W2	0-255	0-100%
16			W2 16bit	0-255	0-100%
.				.	
.				.	
.				.	
.				.	
73	37	28	R(C)10	0-255	0-100%
74			R(C)10 16bit	0-255	0-100%
75	38	29	G(M)10	0-255	0-100%
76			G(M)10 16bit	0-255	0-100%
77	39	30	B(Y)10	0-255	0-100%
78			B(Y)10 16bit	0-255	0-100%
79	40		W10	0-255	0-100%
80			W10 16bit	0-255	0-100%
81	41	31	Cool W1 dimmer	0-255	0-100%
82	42	32	Warm W1 dimmer	0-255	0-100%
83	43	33	Cool W2 dimmer	0-255	0-100%
84	44	34	Warm W2 dimmer	0-255	0-100%
85	45	35	Cool W3 dimmer	0-255	0-100%
86	46	36	Warm W3 dimmer	0-255	0-100%
87	47	37	Cool W4 dimmer	0-255	0-100%
88	48	38	Warm W4 dimmer	0-255	0-100%
89	49	39	Cool W5 dimmer	0-255	0-100%
90	50	40	Warm W5 dimmer	0-255	0-100%
91	51	41	Cool W6 dimmer	0-255	0-100%
92	52	42	Warm W6 dimmer	0-255	0-100%
93	53	43	Cool W7 dimmer	0-255	0-100%
94	54	44	Warm W7 dimmer	0-255	0-100%
95	55	45	Cool W8 dimmer	0-255	0-100%
96	56	46	Warm W8 dimmer	0-255	0-100%
97	57	47	Cool W9 dimmer	0-255	0-100%
98	58	48	Warm W9 dimmer	0-255	0-100%
99	59	49	Cool W10 dimmer	0-255	0-100%
100	60	50	Warm W10 dimmer	0-255	0-100%

Mode/Channel			Channel	DMX	Function
200CH	160CH	150CH			
101	61	51	Cool W11 dimmer	0-255	0-100%
102	62	52	Warm W11 dimmer	0-255	0-100%
103	63	53	Cool W12 dimmer	0-255	0-100%
104	64	54	Warm W12 dimmer	0-255	0-100%
105	65	55	Cool W13 dimmer	0-255	0-100%
106	66	56	Warm W13 dimmer	0-255	0-100%
107	67	57	Cool W14 dimmer	0-255	0-100%
108	68	58	Warm W14 dimmer	0-255	0-100%
109	69	59	Cool W15 dimmer	0-255	0-100%
110	70	60	Warm W15 dimmer	0-255	0-100%
111	71	61	Cool W16 dimmer	0-255	0-100%
112	72	62	Warm W16 dimmer	0-255	0-100%
113	73	63	Cool W17 dimmer	0-255	0-100%
114	74	64	Warm W17 dimmer	0-255	0-100%
115	75	65	Cool W18 dimmer	0-255	0-100%
116	76	66	Warm W18 dimmer	0-255	0-100%
117	77	67	Cool W19 dimmer	0-255	0-100%
118	78	68	Warm W19 dimmer	0-255	0-100%
119	79	69	Cool W20 dimmer	0-255	0-100%
120	80	70	Warm W20 dimmer	0-255	0-100%
121	81	71	Cool W21 dimmer	0-255	0-100%
122	82	72	Warm W21 dimmer	0-255	0-100%
123	83	73	Cool W22 dimmer	0-255	0-100%
124	84	74	Warm W22 dimmer	0-255	0-100%
125	85	75	Cool W23 dimmer	0-255	0-100%
126	86	76	Warm W23 dimmer	0-255	0-100%
127	87	77	Cool W24 dimmer	0-255	0-100%
128	88	78	Warm W24 dimmer	0-255	0-100%
129	89	79	Cool W25 dimmer	0-255	0-100%
130	90	80	Warm W25 dimmer	0-255	0-100%
131	91	81	Cool W26 dimmer	0-255	0-100%
132	92	82	Warm W26 dimmer	0-255	0-100%
133	93	83	Cool W27 dimmer	0-255	0-100%
134	94	84	Warm W27 dimmer	0-255	0-100%
135	95	85	Cool W28 dimmer	0-255	0-100%
136	96	86	Warm W28 dimmer	0-255	0-100%
137	97	87	Cool W29 dimmer	0-255	0-100%
138	98	88	Warm W29 dimmer	0-255	0-100%
139	99	89	Cool W30 dimmer	0-255	0-100%
140	100	90	Warm W30 dimmer	0-255	0-100%
141	101	91	Cool W31 dimmer	0-255	0-100%
142	102	92	Warm W31 dimmer	0-255	0-100%
143	103	93	Cool W32 dimmer	0-255	0-100%
144	104	94	Warm W32 dimmer	0-255	0-100%

145	105	95	Cool W33 dimmer	0-255	0-100%
146	106	96	Warm W33 dimmer	0-255	0-100%
147	107	97	Cool W34 dimmer	0-255	0-100%
148	108	98	Warm W34 dimmer	0-255	0-100%
149	109	99	Cool W35 dimmer	0-255	0-100%
150	110	100	Warm W35 dimmer	0-255	0-100%
151	111	101	Cool W36 dimmer	0-255	0-100%
152	112	102	Warm W36 dimmer	0-255	0-100%
153	113	103	Cool W37 dimmer	0-255	0-100%
154	114	104	Warm W37 dimmer	0-255	0-100%
155	115	105	Cool W38 dimmer	0-255	0-100%
156	116	106	Warm W38 dimmer	0-255	0-100%
157	117	107	Cool W39 dimmer	0-255	0-100%
158	118	108	Warm W39 dimmer	0-255	0-100%
159	119	109	Cool W40 dimmer	0-255	0-100%
160	120	110	Warm W40 dimmer	0-255	0-100%
161	121	111	Cool W41 dimmer	0-255	0-100%
162	122	112	Warm W41 dimmer	0-255	0-100%
163	123	113	Cool W42 dimmer	0-255	0-100%
164	124	114	Warm W42 dimmer	0-255	0-100%
165	125	115	Cool W43 dimmer	0-255	0-100%
166	126	116	Warm W43 dimmer	0-255	0-100%
167	127	117	Cool W44 dimmer	0-255	0-100%
168	128	118	Warm W44 dimmer	0-255	0-100%
169	129	119	Cool W45 dimmer	0-255	0-100%
170	130	120	Warm W45 dimmer	0-255	0-100%
171	131	121	Cool W46 dimmer	0-255	0-100%
172	132	122	Warm W46 dimmer	0-255	0-100%
173	133	123	Cool W47 dimmer	0-255	0-100%
174	134	124	Warm W47 dimmer	0-255	0-100%
175	135	125	Cool W48 dimmer	0-255	0-100%
176	136	126	Warm W48 dimmer	0-255	0-100%
177	137	127	Cool W49 dimmer	0-255	0-100%
178	138	128	Warm W49 dimmer	0-255	0-100%
179	139	129	Cool W50 dimmer	0-255	0-100%
180	140	130	Warm W50 dimmer	0-255	0-100%
181	141	131	Cool W51 dimmer	0-255	0-100%
182	142	132	Warm W51 dimmer	0-255	0-100%
183	143	133	Cool W52 dimmer	0-255	0-100%
184	144	134	Warm W52 dimmer	0-255	0-100%
185	145	135	Cool W53 dimmer	0-255	0-100%
186	146	136	Warm W53 dimmer	0-255	0-100%
187	147	137	Cool W54 dimmer	0-255	0-100%
188	148	138	Warm W54 dimmer	0-255	0-100%
189	149	139	Cool W55 dimmer	0-255	0-100%
190	150	140	Warm W55 dimmer	0-255	0-100%
191	151	141	Cool W56 dimmer	0-255	0-100%

192	152	142	Warm W56 dimmer	0-255	0-100%
193	153	143	Cool W57 dimmer	0-255	0-100%
194	154	144	Warm W57 dimmer	0-255	0-100%
195	155	145	Cool W58 dimmer	0-255	0-100%
196	156	146	Warm W58 dimmer	0-255	0-100%
197	157	147	Cool W59 dimmer	0-255	0-100%
198	158	148	Warm W59 dimmer	0-255	0-100%
199	159	149	Cool W60 dimmer	0-255	0-100%
200	160	150	Warm W60 dimmer	0-255	0-100%

5. Product size

