



BEAMZ
MADE
EAZY

150.106 V1.0

MHL1940

QUICK START GUIDE

CONTROL MENU

MENU		DESCRIPTION	
DMX	DMX Address	A001-Axxx	DMX address setting
		26CH	26 Channel
	Channel Mode	38CH	38 Channel
		102CH	102 Channel
		114CH	114 Channel
Auto Run	Program 1-8	Master/Alone	Auto Run
Music Run	Program 1-8	Master/Alone	Sound Control
SET	Reset Default	Yes	Reset Default
	Signal Set	Wire DMX	Wire DMX
	Reverse Pan	(On/Off)	Reverse Pan
	Reverse Tilt	(On/Off)	Reverse Tilt
	Select Pan	630° /540° /360°	Select Pan
	Select Tilt	270° /180° /90°	Select Tilt
	Mic Sensitivity	0-99%	Mic Sensitivity
	Off Signal Mode	(On/Off)	Off at Original Status ON at Reset Status when no DMX signal
	Scan Quick Mode	(On/Off)	Scan quick mode
	Theater Mode	(On/Off)	Fan silent mode
	MANU	Reset	Total reset
Scan reset			Reset Scan
Zoom reset			Reset Zoom
Channel	Pan=XXX.....	Channel control	
ADV	Calibration	Pan=XXX.....	Calibration
	UID Code	XX XX XX XX XX	UID Code Setting

*Function description of special buttons: Press the UP and DOWN buttons at the same time, hold for 3 seconds, the display direction will be reversed.

DMX CHANNELS

CHANNEL				FUNCTION	VALUE	DESCRIPTION					
114CH	102CH	38CH	26CH								
1	1	1	1	Pan	000-255	Pan movement					
2	2	2	2	Pan-Fine	000-255	Fine control of Pan movement					
3	3	3	3	Tilt	000-255	Tilt movement					
4	4	4	4	Tilt-Fine	000-255	Fine control of Tilt movement					
5	5	5	5	Speed Pan/Tilt	000-225	Max to min speed					
					225-236	Blackout by movement					
					236-255	No function					
6	6	6	6	Dimmer	000-255	Dimmer 0%-100%					
					000-031	Shutter closed					
					032-063	shutter open					
					064-095	Strobe effect slow to fast					
					096-127	shutter open					
					128-159	Pulse-effect in sequences slow to fast					
					160-191	shutter open					
7	7	7	7	Shutter	192-223	Random strobe effect slow to fast					
					224-255	shutter open					
					8	8	8	8	Red	000-255	0-100% Red dimmer from dark to bright
					9	9	9	9	Green	000-255	0-100% Green dimmer from dark to bright
					10	10	10	10	Blue	000-255	0-100% Blue dimmer from dark to bright
					11	11	11	11	White	000-255	0-100% White dimmer from dark to bright
12	12	12	12	Zoom	000-255	In(near) to out(far)					
					000-015	Zoom rotation stop					
					016-063	shake slow to fast(width by Zoom Angle)					
					064-156	Forwards rotation from fast to slow					
					157-162	Zoom rotation stop					
13	13	13	13	Zoom Rotation	163-255	Backwards rotation from slow to fast					
					14	14	14	14	Zoom Angle	000-255	Zoom Angle(0 °-60)
					000-000	No Function					
15	15	15	15	Virtual Color	001-013	Red					
					014-027	Green					
					028-041	Blue					
					042- 055	White					
					056-069	Red+White					
					070-083	Green+White					
					084-097	Blue+White					
					098-111	Green+Blue					
					112-125	Red+Blue					
					126-139	Red+Green					
					140-153	Green+Blue+White					
					154-167	Red+Blue+White					
					168-181	Red+Green+White					
					182-195	Red+Blue+Green+White					
					196-202	2700K					
203-209	3200K										
210-216	3500K										
217-223	5000K										
224-230	5500K										
231-237	6000K										
238-244	6500K										

					245-251	7000K
					252-255	8000K
					000-015	No Function
					016-045	Below 3200K
					046-075	3200K - 3500K
					076-105	3500K - 5000K
16	16	16	16	Color Temp	106-135	5000K - 5500K
					136-165	5500K - 6000K
					166-195	6000K - 6500K
					196-225	6500K - 7000K
					226-255	7000K - 8000K
					000-015	No function
17	17	17	17	Visual Tungsten Lamp	016-255	Tungsten lamp effect is gradually enhanced
					000-000	No Function
					001-013	Red
					014-027	Green
					028-041	Blue
					042-055	White
					056-069	Red+White
					070-083	Green+White
					084-097	Blue+White
					098-111	Green+Blue
					112-125	Red+Blue
					126-139	Red+Green
					140-153	Green+Blue+White
18		18		Background color for patterns. Choose Foreground color for Dynamic/Static Scene, no function for Multicolor Scene	154-167	Red+Blue+White
					168-181	Red+Green+White
					182-195	Red+Blue+Green+White
					196-202	2700K
					203-209	3200K
					210-216	3500K
					217-223	5000K
					224-230	5500K
					231-237	6000K
					238-244	6500K
					245-251	7000K
					252-255	8000K
19		19		Foreground Dimmer	000-255	Foreground dimmer 0 - 100%.
					000-000	No Function
					001-013	Red
					014-027	Green
					028-041	Blue
					042-055	White
					056-069	Red+White
					070-083	Green+White
					084-097	Blue+White
					098-111	Green+Blue
					112-125	Red+Blue
					126-139	Red+Green
					140-153	Green+Blue+White
20		20		Background color for patterns. Choose Foreground color for Dynamic/Static Scene, no function for Multicolor Scene	154-167	Red+Blue+White
					168-181	Red+Green+White

			182-195	Red+Blue+Green+White
			196-202	2700K
			203-209	3200K
			210-216	3500K
			217-223	5000K
			224-230	5500K
			231-237	6000K
			238-244	6500K
			245-251	7000K
			252-255	8000K
21	21	Background dimmer	000-255	Background dimmer 0 - 100%.
			000-015	No function
			016-031	Static patterns
			032-036	Dynamic Scene1
			037-041	Dynamic Scene2
			042-046	Dynamic Scene3
			047-051	Dynamic Scene4
			052-056	Dynamic Scene5
			057-061	Dynamic Scene6
			062-066	Dynamic Scene7
			067-071	Dynamic Scene8
			072-076	Dynamic Scene9
			077-081	Dynamic Scene10
			082-086	Dynamic Scene11
			087-091	Dynamic Scene12
			092-096	Dynamic Scene13
			097-101	Dynamic Scene14
			102-106	Dynamic Scene15
			107-111	Dynamic Scene16
			112-116	Dynamic Scene17
			117-121	Dynamic Scene18
22	22	Patterns	122-126	Dynamic Scene19
			127-131	Dynamic Scene20
			132-136	Dynamic Scene21
			137-141	Dynamic Scene22
			142-146	Dynamic Scene23
			147-151	Dynamic Scene24
			152-156	Dynamic Scene25
			157-161	Dynamic Scene26
			162-166	Dynamic Scene27
			167-171	Dynamic Scene28
			172-176	Dynamic Scene29
			177-181	Dynamic Scene30
			182-186	Dynamic Scene31
			187-191	Dynamic Scene32
			192-196	Multicolor Dynamic Scene1
			197-201	Multicolor Dynamic Scene2
			202-206	Multicolor Dynamic Scene3
			207-211	Multicolor Dynamic Scene4
			212-216	Multicolor Dynamic Scene5
			217-221	Multicolor Dynamic Scene6
			222-226	Multicolor Dynamic Scene7

227-231	Multicolor Dynamic Scene8
232-236	Multicolor Dynamic Scene9
237-241	Multicolor Dynamic Scene10
242-246	Multicolor Dynamic Scene11
247-251	Multicolor Dynamic Scene12
252-255	Multicolor Dynamic Scene13

Static patterns or patterns speed.
 Static patterns (If patterns channel is in the interval 016-031)

000-005	Static scene1
006-011	Static scene2
012-017	Static scene3
018-023	Static scene4
024-029	Static scene5
030-035	Static scene6
036-041	Static scene7
042-047	Static scene8
048-053	Static scene9
054-059	Static scene10
060-065	Static scene11
066-071	Static scene12
072-075	Static scene13
078-083	Static scene14
084-089	Static scene15
090-095	Static scene16
096-101	Static scene17
102-107	Static scene18
108-113	Static scene19
114-119	Static scene20
120-125	Static scene21
126-131	Static scene22
132-137	Static scene23
138-143	Static scene24
144-149	Static scene25
150-155	Static scene26
156-161	Static scene27
162-167	Static scene28
168-173	Static scene29
174-179	Static scene30
180-185	Static scene31
186-191	Static scene32
192-197	Multicolor Static scene1
198-203	Multicolor Static scene2
204-209	Multicolor Static scene3
210-215	Multicolor Static scene4
216-221	Multicolor Static scene5
222-227	Multicolor Static scene6
228-233	Multicolor Static scene7
234-239	Multicolor Static scene8
240-245	Multicolor Static scene9
246-251	Multicolor Static scene10
252-255	Multicolor Static scene11


Dynamics patterns
(If Patterns channel is in the interval 032 - 255)

					000-023	No function
					024-137	Forward speed from zero speed to fast speed
					138-141	Stop movement
					142-255	Reverse speed from zero speed to fast speed
24	18	24	18	Pix_Dimmer	000-255	Pix_Dimmer 0%-100%
25	19	25	19	Pix_Strobe	000-255	Pix_Strobe Speed 0%-100%
26	20	26	20	Pix_Red	000-255	0-100% Pix_Red dimmer from dark to bright
27	21	27	21	Pix_Green	000-255	0-100% Pix_Green dimmer from dark to bright
28	22	28	22	Pix_Blue	000-255	0-100% Pix_Blue dimmer from dark to bright
					000-000	No Function
					001-015	Red
					016-031	Green
					032-047	Blue
					048-063	Red+Blue
					064-079	Red+Green
					080-095	Green+Blue
					096-111	Red+Blue+Green
29	23	29	23	Pix_Color	112-127	2700K
					128-143	3200K
					144-159	3500K
					160-175	5000K
					176-191	5500K
					192-207	6000K
					208-223	6500K
					224-239	7000K
					240-255	8000K
					000-015	No Function
					016-029	Pix Dynamic Scene1
					030-043	Pix Dynamic Scene2
					044-057	Pix Dynamic Scene3
					058-071	Pix Dynamic Scene4
					072-085	Pix Dynamic Scene5
					086-099	Pix Dynamic Scene6
					100-113	Pix Dynamic Scene7
30	24	30	24	Pix_Macro	114-127	Pix Dynamic Scene8
					128-143	Pix Dynamic Scene9
					142-155	Pix Dynamic Scene10
					156-169	Pix Dynamic Scene11
					170-183	Pix Dynamic Scene12
					184-197	Pix Dynamic Scene13
					198-211	Pix Dynamic Scene14
					212-225	Pix Dynamic Scene15
					226-239	Pix Dynamic Scene16
					240-255	Pix Dynamic Scene17
31	25	31	25	Pix Macro Speed	000-255	Slow to fast
					000-015	No Function
					016-029	Pix Dynamic Scene1
32		32		Expand Patterns	030-043	Pix Dynamic Scene2
					044-057	Pix Dynamic Scene3
					058-071	Pix Dynamic Scene4

072-085	Pix Dynamic Scene5
086-099	Pix Dynamic Scene6
100-113	Pix Dynamic Scene7
114-127	Pix Dynamic Scene8
128-143	Pix Dynamic Scene9
142-155	Pix Dynamic Scene10
156-169	Pix Dynamic Scene11
170-183	Pix Dynamic Scene12
184-197	Pix Dynamic Scene13
198-211	Pix Dynamic Scene14
212-225	Pix Dynamic Scene15
226-239	Pix Dynamic Scene16
240-255	Pix Dynamic Scene17

33	33	Pix_Foreground dimmer	000-255	Pix_Expand Patterns Foreground dimmer 0- 100%. (Foreground Color Share with "Pix_Macro"Channel)
34	34	Pix_Background dimmer	000-255	Pix_Expand Patterns Background dimmer 0 - 100%
35	35	Pix_Background Red	000-255	Pix_Expand Patterns Background Red(0 - 100%)
36	36	Pix_Background Green	000-255	Pix_Expand Patterns Background Green (0 - 100%)
37	37	Pix_Background Blue	000-255	Pix_Expand Patterns Background Blue(0- 100%)
38	26	Red in Pixel 1	000-255	Red in pixel 1 saturation control (0-100%)
39	27	Green in Pixel 1	000-255	Green in pixel 1 saturation control (0-100%)
40	28	Blue in Pixel 1	000-255	Blue in pixel 1 saturation control(0-100%)
41	29	White in pixel 1	000-255	White in pixel 1 saturation control(0-100%)
42	30	Red in pixel 2	000-255	Red in pixel 2 saturation control(0-100%)
43	31	Green in pixel 2	000-255	Green in pixel 2 saturation control(0-100%)
44	32	Blue in pixel 2	000-255	Blue in pixel 2 saturation control(0-100%)
45	33	White in pixel 2	000-255	White in pixel 2 saturation control(0-100%)
46	34	Red in Pixel 3	000-255	Red in pixel 3 saturation control (0-100%)
47	35	Green in pixel 3	000-255	Green in pixel 3 saturation control(0-100%)
48	36	Blue in pixel 3	000-255	Blue in pixel 3 saturation control(0-100%)
49	37	White in pixel 3	000-255	White in pixel 3 saturation control(0-100%)
50	38	Red in Pixel 4	000-255	Red in pixel 4 saturation control (0-100%)
51	39	Green in pixel 4	000-255	Green in pixel 4 saturation control(0-100%)
52	40	Blue in pixel 4	000-255	Blue in pixel 4 saturation control(0-100%)
53	41	White in pixel 4	000-255	White in pixel 4 saturation control(0-100%)
54	42	Red in Pixel 5	000-255	Red in pixel 5 saturation control (0-100%)
55	43	Green in pixel 5	000-255	Green in pixel 5 saturation control(0-100%)
56	44	Blue in pixel 5	000-255	Blue in pixel 5 saturation control(0-100%)
57	45	White in pixel 5	000-255	White in pixel 5 saturation control(0-100%)
58	46	Red in Pixel 6	000-255	Red in pixel 6 saturation control (0-100%)
59	47	Green in pixel 6	000-255	Green in pixel 6 saturation control(0-100%)
60	48	Blue in pixel 6	000-255	Blue in pixel 6 saturation control(0-100%)
61	49	White in pixel 6	000-255	White in pixel 6 saturation control(0-100%)
62	50	Red in Pixel 7	000-255	Red in pixel 7 saturation control (0-100%)
63	51	Green in pixel 7	000-255	Green in pixel 7 saturation control(0-100%)
64	52	Blue in pixel 7	000-255	Blue in pixel 7 saturation control(0-100%)
65	53	White in pixel 7	000-255	White in pixel 7 saturation control(0-100%)
66	54	Red in Pixel 8	000-255	Red in pixel 8 saturation control (0-100%)
67	55	Green in Pixel 8	000-255	Green in pixel 8 saturation control (0-100%)
68	56	Blue in Pixel 8	000-255	Blue in pixel 8 saturation control(0-100%)
69	57	White in pixel 8	000-255	White in pixel 8 saturation control(0-100%)
70	58	Red in pixel 9	000-255	Red in pixel 9 saturation control(0-100%)

71	59			Green in pixel 9	000-255	Green in pixel 9 saturation control(0-100%)
72	60			Blue in pixel 9	000-255	Blue in pixel 9 saturation control(0-100%)
73	61			White in pixel 9	000-255	White in pixel 9 saturation control(0-100%)
74	62			Red in Pixel 10	000-255	Red in pixel 10 saturation control (0-100%)
75	63			Green in pixel 10	000-255	Green in pixel 10 saturation control(0-100%)
76	64			Blue in pixel 10	000-255	Blue in pixel 10 saturation control(0-100%)
77	65			White in pixel 10	000-255	White in pixel 10 saturation control(0-100%)
78	66			Red in Pixel 11	000-255	Red in pixel 11 saturation control (0-100%)
79	67			Green in Pixel 11	000-255	Green in pixel 11 saturation control (0-100%)
80	68			Blue in Pixel 11	000-255	Blue in pixel 11 saturation control(0-100%)
81	69			White in pixel 11	000-255	White in pixel 11 saturation control(0-100%)
82	70			Red in pixel 12	000-255	Red in pixel 12 saturation control(0-100%)
83	71			Green in pixel 12	000-255	Green in pixel 12 saturation control(0-100%)
84	72			Blue in pixel 12	000-255	Blue in pixel 12 saturation control(0-100%)
85	73			White in pixel 12	000-255	White in pixel 12 saturation control(0-100%)
86	74			Red in Pixel 13	000-255	Red in pixel 13 saturation control (0-100%)
87	75			Green in pixel 13	000-255	Green in pixel 13 saturation control(0-100%)
88	76			Blue in pixel 13	000-255	Blue in pixel 13 saturation control(0-100%)
89	77			White in pixel 13	000-255	White in pixel 13 saturation control(0-100%)
90	78			Red in Pixel 14	000-255	Red in pixel 14 saturation control (0-100%)
91	79			Green in pixel 14	000-255	Green in pixel 14 saturation control(0-100%)
92	80			Blue in pixel 14	000-255	Blue in pixel 14 saturation control(0-100%)
93	81			White in pixel 14	000-255	White in pixel 14 saturation control(0-100%)
94	82			Red in Pixel 15	000-255	Red in pixel 15 saturation control (0-100%)
95	83			Green in pixel 15	000-255	Green in pixel 15 saturation control(0-100%)
96	84			Blue in pixel 15	000-255	Blue in pixel 15 saturation control(0-100%)
97	85			White in pixel 15	000-255	White in pixel 15 saturation control(0-100%)
98	86			Red in Pixel 16	000-255	Red in pixel 16 saturation control (0-100%)
99	87			Green in pixel 16	000-255	Green in pixel 16 saturation control(0-100%)
100	88			Blue in pixel 16	000-255	Blue in pixel 16 saturation control(0-100%)
101	89			White in pixel 16	000-255	White in pixel 16 saturation control(0-100%)
102	90			Red in Pixel 17	000-255	Red in pixel 17 saturation control (0-100%)
103	91			Green in pixel 17	000-255	Green in pixel 17 saturation control(0-100%)
104	92			Blue in pixel 17	000-255	Blue in pixel 17 saturation control(0-100%)
105	93			White in pixel 17	000-255	White in pixel 17 saturation control(0-100%)
106	94			Red in Pixel 18	000-255	Red in pixel 18 saturation control (0-100%)
107	95			Green in Pixel 18	000-255	Green in pixel 18 saturation control (0-100%)
108	96			Blue in Pixel 18	000-255	Blue in pixel 18 saturation control(0-100%)
109	97			White in pixel 18	000-255	White in pixel 18 saturation control(0-100%)
110	98			Red in pixel 19	000-255	Red in pixel 19 saturation control(0-100%)
111	99			Green in pixel 19	000-255	Green in pixel 19 saturation control(0-100%)
112	100			Blue in pixel 19	000-255	Blue in pixel 19 saturation control(0-100%)
113	101			White in pixel 19	000-255	White in pixel 19 saturation control(0-100%)
114	102	38	26	Special Function	000-019	No function
					020-029	No function
					030-039	No function
					040-079	No function
					080-089	All Motor reset
					090-094	SCAN Motor Reset
					095-099	Focus Motor Reset
					100-119	Internal program 1
					120-139	Internal program 2



140-159	Internal program 3
160-179	Internal program 4
180-199	Internal program 5
200-219	Internal program 6
220-239	Internal program 7
240-255	Internal Sound program 1



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BEAMZ

YOUR FUTURE
YOUR SKILLS
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offers a wide range of high performance lighting equipment and related accessories for the rental, entertainment and architectural lighting markets. BeamZ Pro stands for performance, innovation and value pricing!

