



BEAMZ MADE EASY

150.125 V1.1

MHL3740

QUICK **START** GUIDE

CONTROL MENU

MENU			DESCRIPTION	
FUNCTION MODE	DMX Address	A001-Axxx	DMX Address Setting	
		193CH	193CH mode	
	Channel Mode	188CH	188CH mode	
		40CH	40CH mode	
		38CH	38CH mode	
	Auto Run	Program 1-9	Auto program 1-9	
		State: Master/Alone	Auto program master/alone	
		Auto Run: (On/Off)	Auto program on/off	
		Slave Delay: Off/(0.1-3.2s)	Slave delay time	
	Music Run	Program 1-9	Sound control program 1-9	
		State: Master/Alone	Sound control program master/alone	
		Music Run: (On/Off)	Sound control program on/off	
	Mini Show	Show 1-3	Mini show 1-3	
		State: Master/Alone	Mini show master/alone	
		Show Run: (On/Off)	Show run on/off	
		Play speed: 0.2x/0.25x/0.5x/1x/2x/4x/5x		
		Show Set	Show 1-3	Play Address
				Recorded Address or 1-512
				Recorded Address or 1-512
OPTION	Reset Default	Yes/No	Reset default	
	Signal Set	DMX: XLR DMX	XLR DMX	
	Pan / Tilt	Reverse Pan	(On/Off)	Reverse Pan
		Reverse Tilt	(On/Off)	Reverse Tilt
		Select Pan	630/540/360	Select Pan degree
		Scan Feedback	(On/Off)	Scan Feedback
	UI SET	Mic sensitivity	0-99%	Mic sensitivity setting
		OFF Signal Mode	(On/Off)	OFF keep original status and on keep reset status when no DMX signal.
		Display Invert	(On/Off)	Display Invert
		Dimmer Curve	Linear	Linear dimmer
			S-Curve	S-Curve dimmer
			Square	Square dimmer
			InvSquare	InvSquare dimmer
		Fan Mode	Auto/High/Mid/Low	
INFORMATION	Temperature	XXX °C / °F	Current temperature	
	Software Version	XXX	Software Version	
MANUAL CONTROL	Reset	Total Reset	Total Reset	
		Pan/Tilt Reset	Pan/Tilt Reset	
		Zoom Reset	Zoom Reset	
	Channel	PAN=XXX.....	Manual channel control	
ADVANCED (ACCESS CODE 088)	Calibration	PAN=XXX.....	Calibration	
	UID Code	XX XX	UID code setting	
	USB Upgrade		USB upgrade	

Special button instruction: press "UP" and "DOWN" for 3 seconds, display menu turns upside down.

DMX CHANNELS

38 CHANNELS

CHANNEL	FUNCTION	VALUE	DESCRIPTION
1	PAN	000-255	Pan movement
2	TILT	000-255	Tilt movement
3	SPEED PAN/TILT	000-225	Max to min speed
		226-235	Blackout by movement
		236-255	No function
4	DIMMER	000-255	Dimmer 0%-100%
5	SHUTTER	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
		144-159	Closing pulse in sequences fast to slow
		160-191	Shutter open
		192-223	Random strobe effect slow to fast
		224-255	Shutter open
6	RED	000-255	0-100% Red dimmer from dark to bright
7	GREEN	000-255	0-100% Green dimmer from dark to bright
8	BLUE	000-255	0-100% Blue dimmer from dark to bright
9	WHITE	000-255	0-100% White dimmer from dark to bright
10	ZOOM	000-255	In (near) to out(far)
11	ZOOM ROTATION	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
		163-255	Backwards rotation from slow to fast
12	ZOOM ANGLE	000-255	Zoom Angle (0 °-60 °)
13	VIRTUAL COLOR	000-005	No function
		006-013	Red
		014-026	Green
		027-039	Blue
		040-052	White
		053-065	Red+White
		066-078	Green+White
		079-091	Blue+White
		092-104	Green+Blue
		105-117	Red+Blue
		118-130	Red+Green
		131-143	Green+Blue+White
		144-156	Red+Green+Blue
		157-169	Red+Blue+White
		170-182	Red+Green+White
		183-195	Red+Blue+Green+White
		196-200	2700K
		201-205	3200K
		206-210	3500K
		211-215	5000K
		216-220	5500K
		221-225	6000K

		226-230	6500K
		231-235	7000K
		236-240	7500K
		241-245	8000K
		246-250	9000K
		251-255	10000K
14	COLOR TEMP	000-017	No function
		018-100	1800K-10000K(1Steps 100K) (If channel Virtual color is in the interval 001 - 005, RGBW value must be full)
		101-255	10000K
15	FOREGROUND DIMMER	000-255	Foreground dimmer 0 - 100%.
16	BACKGROUND RED	000-015	0-100% Red dimmer from dark to bright
17	BACKGROUND GREEN	000-255	0-100% Green dimmer from dark to bright
18	BACKGROUND BLUE	000-255	0-100% Blue dimmer from dark to bright
19	BACKGROUND WHITE	000-255	0-100% White dimmer from dark to bright
20	BACKGROUND DIMMER	000-255	Background dimmer 0 - 100%.
21	PATTERNS	001-015	No function
		016-031	Static patterns
		016-031	Dynamic Scene1
		032-035	Dynamic Scene2
		036-039	Dynamic Scene3
		040-043	Dynamic Scene4
		044-047	Dynamic Scene5
		048-051	Dynamic Scene6
		052-055	Dynamic Scene7
		056-059	Dynamic Scene8
		060-063	Dynamic Scene9
		064-067	Dynamic Scene10
		068-071	Dynamic Scene11
		072-075	Dynamic Scene12
		076-079	Dynamic Scene13
		080-083	Dynamic Scene14
		084-087	Dynamic Scene15
		088-091	Dynamic Scene16
		092-095	Dynamic Scene17
		096-099	Dynamic Scene17
		100-103	Dynamic Scene18
		104-107	Dynamic Scene19
		108-111	Dynamic Scene20
		112-115	Dynamic Scene21
		116-119	Dynamic Scene22
		120-123	Dynamic Scene23
		124-127	Dynamic Scene24
		128-131	Dynamic Scene25
		132-135	Dynamic Scene26
		136-139	Dynamic Scene27
		140-143	Dynamic Scene28
		144-147	Dynamic Scene29
		148-151	Dynamic Scene30
		152-155	Dynamic Scene31
		156-159	Dynamic Scene32

		160-161	Multicolor Dynamic Scene1
		162-163	Multicolor Dynamic Scene2
		164-165	Multicolor Dynamic Scene3
		166-167	Multicolor Dynamic Scene4
		168-169	Multicolor Dynamic Scene5
		170-171	Multicolor Dynamic Scene6
		172-173	Multicolor Dynamic Scene7
		174-175	Multicolor Dynamic Scene8
		176-177	Multicolor Dynamic Scene9
		178-179	Multicolor Dynamic Scene10
		180-181	Multicolor Dynamic Scene11
		182-183	Multicolor Dynamic Scene12
		184-185	Multicolor Dynamic Scene13
		186-187	Multicolor Dynamic Scene14
		188-189	Multicolor Dynamic Scene15
		190-191	Multicolor Dynamic Scene16
		192-193	Multicolor Dynamic Scene17
		194-195	Multicolor Dynamic Scene18
		196-197	Multicolor Dynamic Scene19
		198-199	Multicolor Dynamic Scene20
		200-201	Multicolor Dynamic Scene21
		202-203	Multicolor Dynamic Scene22
		204-205	Multicolor Dynamic Scene23
		206-207	Multicolor Dynamic Scene24
		208-209	Multicolor Dynamic Scene25
		210-211	Multicolor Dynamic Scene26
		212-213	Multicolor Dynamic Scene27
		214-215	Multicolor Dynamic Scene28
		216-217	Multicolor Dynamic Scene29
		218-219	Multicolor Dynamic Scene30
		220-221	Multicolor Dynamic Scene31
		222-223	Multicolor Dynamic Scene32
		224-225	Multicolor Dynamic Scene33
		226-227	Multicolor Dynamic Scene34
		228-229	Multicolor Dynamic Scene35
		230-231	Multicolor Dynamic Scene36
		232-233	Multicolor Dynamic Scene37
		234-235	Multicolor Dynamic Scene38
		236-237	Multicolor Dynamic Scene39
		238-239	Multicolor Dynamic Scene40
		240-241	Multicolor Dynamic Scene41
		242-243	Multicolor Dynamic Scene42
		244-245	Multicolor Dynamic Scene43
		246-247	Multicolor Dynamic Scene44
		248-249	Multicolor Dynamic Scene45
		250-251	Multicolor Dynamic Scene46
		252-253	Multicolor Dynamic Scene47
		254-255	Multicolor Dynamic Scene48
22	STATIC PATTERNS OR PATTERNS SPEED	Static Patterns (If channel Patterns 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
		Dynamic Patterns (If channel Patterns is in the interval 032 – 255)	
		024-137	Forward speed from zero speed to fast speed
		138-141	Stop movement
		142-255	Reverse speed from zero speed to fast speed
23	PIX_DIMMER	000-255	Pix_Dimmer 0%...100%
24	PIX_STROBE	000-255	Pix_Strobe Speed 0%...100%
25	PIX_RED	000-255	0-100% Pix_Red dimmer from dark to bright
26	PIX_GREEN	000-255	0-100% Pix_Green dimmer from dark to bright
27	PIX_BLUE	000-255	0-100% Pix_Blue dimmer from dark to bright
28	PIX_COLOR	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
		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
29	PIX_MACRO	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
		114-127	Pix Dynamic Scene8
		128-141	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
30	PIX_MACRO_SPEED	000-255	Slow to Fast
31	EXPANP PATTERNS	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
		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

32	PIX_FOREGROUND DIMMER	000-255	Pix_Expand Patterns Foreground dimmer 0 – 100%. (Foreground Color Share with "Pix_Macro"Channel)
33	PIX_BACKGROUND DIMMER	000-255	Pix_Expand Patterns Background dimmer 0 – 100%.
34	PIX_BACKGROUND RED	000-255	Pix_Expand Patterns Background Red 0 – 100%.
35	PIX_BACKGROUND GREEN	000-255	Pix_Expand Patterns Background Green 0 – 100%.
36	PIX_BACKGROUND BLUE	000-255	Pix_Expand Patterns Background Blue 0 – 100%.
37	SPECIAL FUNCTION	000-019	No function
		020-024	FAN Auto Mode
		025-029	FAN High Speed
		030-034	FAN Mid Speed
		035-039	FAN Low Speed
		040-044	Linear Dimmer Curve
		045-049	S-Curve Dimmer Curve
		050-054	Square Dimmer Curve
		055-059	InvSquare Dimmer Curve
		060-061	MiniShow 1 Record (Wait 5s device Slow Strobe,Then cut-off signal,wait 20s device fast Strobe, Connect to signal, Record start, First frame Will not be recorded)
		062-063	MiniShow 2 Record (Wait 5s device Slow Strobe,Then cut-off signal,wait 20s device fast Strobe, Connect to signal, Record start, First frame Will not be recorded)
		064-065	MiniShow 3 Record (Wait 5s device Slow Strobe,Then cut-off signal,wait 20s device fast Strobe,Connect to signal,Record start,First frame Will not be recorded)
		066	MiniShow Record Over (This frame Will not be recorded)
		067-068	MiniShow 1 Play(Alone)
		069-070	MiniShow 2 Play(Alone)
		071-072	MiniShow 3 Play(Alone)
		073-079	No function
		080-089	All Motor reset
		090-094	SCAN Motor Reset
		095-099	ZOOM Motor Reset
		100-108	Internal program 1
		109-117	Internal program 2
		118-126	Internal program 3
		127-135	Internal program 4
		136-144	Internal program 5
		145-153	Internal program 6
		154-162	Internal program 7
		163-171	Internal program 8
		172-180	Internal program 9
		181-189	Internal Sound program 1
		190-198	Internal Sound program 2
		199-207	Internal Sound program 3
		208-216	Internal Sound program 4
		217-225	Internal Sound program 5
		226-234	Internal Sound program 6
		235-243	Internal Sound program 7

38	INTERNAL PROGRAM DELAY(REFRESH RUN AFTER CHANGE INTERNAL PROGRAM)	244-252	Internal Sound program 8
		253-255	Internal Sound program 9
		000-002	No Delay
		003-005	Delay of "Slave Delay Set"(From Display Panel)
		006-007	0.1s Delay
		008-015	0.2s Delay
		016-023	0.3s Delay
		024-031	0.4s Delay
		032-039	0.5s Delay
		040-047	0.6s Delay
		048-055	0.7s Delay
		056-063	0.8s Delay
		064-071	0.9s Delay
		072-079	1s Delay
		080-087	1.1s Delay
		088-095	1.2s Delay
		096-103	1.3s Delay
		104-111	1.4s Delay
		112-119	1.5s Delay
		120-127	1.6s Delay
		128-135	1.7s Delay
		136-143	1.8s Delay
		144-151	1.9s Delay
		152-159	2s Delay
		160-167	2.1s Delay
		168-175	2.2s Delay
		176-183	2.3s Delay
		184-191	2.4s Delay
		192-199	2.5s Delay
		200-207	2.6s Delay
		208-215	2.7s Delay
		216-220	2.8s Delay
		224-231	2.9s Delay
		232-239	3s Delay
		240-247	3.1s Delay
		248-255	3.2s Delay

40 CHANNELS

CHANNEL	FUNCTION	VALUE	DESCRIPTION
1	PAN	000-255	Pan movement
2	PAN-FINE	000-255	Fine control of Pan movement
3	TILT	000-255	Tilt movement
4	TILT-FINE	000-255	Fine control of Tilt movement
5	SPEED PAN/TILT	000-225	Max to min speed
		226-235	Blackout by movement
		236-255	No function
6	DIMMER	000-255	Dimmer 0%-100%
7	SHUTTER	000-031	Shutter closed
		032-063	Shutter open
		064-095	Strobe effect slow to fast
		096-127	Shutter open
		128-143	Opening pulse in sequences slow to fast
		144-159	Closing pulse in sequences fast to slow

		160-191	Shutter open
		192-223	Random strobe effect slow to fast
		224-255	Shutter open
8	RED	000-255	0-100% Red dimmer from dark to bright
9	GREEN	000-255	0-100% Green dimmer from dark to bright
10	BLUE	000-255	0-100% Blue dimmer from dark to bright
11	WHITE	000-255	0-100% White dimmer from dark to bright
12	ZOOM	000-255	In(near) to out(far)
13	ZOOM ROTATION	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
		163-255	Backwards rotation from slow to fast
14	ZOOM ANGLE	000-255	Zoom Angle(0 °-60 °)
15	VIRTUAL COLOR	000-005	No Function
		006-013	Red
		014-026	Green
		027-039	Blue
		040-052	White
		053-065	Red+White
		066-078	Green+White
		079-091	Blue+White
		092-104	Green+Blue
		105-117	Red+Blue
		118-130	Red+Green
		131-143	Green+Blue+White
		144-156	Red+Green+Blue
		157-169	Red+Blue+White
		170-182	Red+Green+White
		183-195	Red+Blue+Green+White
		196-200	2700K
		201-205	3200K
		206-210	3500K
		211-215	5000K
		216-220	5500K
		221-225	6000K
		226-230	6500K
		231-235	7000K
		236-240	7500K
		241-245	8000K
		246-250	9000K
		251-255	10000K
16	COLOR TEMP	000-017	No function
		018-100	1800K-10000K (1Steps 100K) (If channel Virtual color is in the interval 001 - 005, RGBW value must be full)
		101-255	10000K
17	FOREGROUND DIMMER	000-255	Foreground dimmer 0 - 100%
18	BACKGROUND RED	000-255	0-100% Red dimmer from dark to bright
19	BACKGROUND GREEN	000-255	0-100% Green dimmer from dark to bright
20	BACKGROUND BLUE	000-255	0-100% Blue dimmer from dark to bright
21	BACKGROUND WHITE	000-255	0-100% White dimmer from dark to bright

22	BACKGROUND DIMMER	000-255	Background dimmer 0 - 100%
23	PATTERNS	000-015	No function
		016-031	Static patterns
		032-035	Dynamic Scene1
		036-039	Dynamic Scene2
			
		152-155	Dynamic Scene31
		156-159	Dynamic Scene32
		160-161	Multicolor Dynamic Scene1
		162-163	Multicolor Dynamic Scene2
			
		252-253	Multicolor Dynamic Scene47
		254-255	Multicolor Dynamic Scene48
24	STATIC PATTERNS OR PATTERNS SPEED	Static Patterns (If channel Patterns is in the interval 016 - 031)	
		000-005	Static scene1
		006-011	Static scene2
			
		180-185	Static scene31
			
		186-191	Static scene32
		192-197	Multicolor Static scene1
		198-203	Multicolor Static scene2
			
		246-251	Multicolor Static scene10
		252-255	Multicolor Static scene11
		Dynamic Patterns (If channel Patterns 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
25	PIX_DIMMER	000-255	Pix_Dimmer 0%-100%
26	PIX_STROBE	000-255	Pix_Strobe Speed 0%-100%
27	PIX_RED	000-255	0-100% Pix_Red dimmer from dark to bright
28	PIX_GREEN	000-255	0-100% Pix_Green dimmer from dark to bright
29	PIX_BLUE	000-255	0-100% Pix_Blue dimmer from dark to bright
30	PIX_COLOR	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
		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

31	PIX_MACRO	000-015	No function
		016-029	Pix Dynamic Scene1
		030-043	Pix Dynamic Scene2
			
		226-239	Pix Dynamic Scene16
		240-255	Pix Dynamic Scene17
32	PIX_MACRO_SPEED	000-255	Slow to Fast
33	EXPAND PATTERNS	000-015	No Function
		016-029	Pix Dynamic Scene1
		030-043	Pix Dynamic Scene2
			
		226-239	Pix Dynamic Scene16
		240-255	Pix Dynamic Scene17
34	PIX_FOREGROUND DIMMER	000-255	Pix_Expand Patterns Foreground dimmer 0 - 100%. Foreground Color Share with "Pix_Macro"Channel]
35	PIX_BACKGROUND DIMMER	000-255	Pix_Expand Patterns Background dimmer 0 - 100%.
36	PIX_BACKGROUND RED	000-255	Pix_Expand Patterns Background Red 0 - 100%.
37	PIX_BACKGROUND GREEN	000-255	Pix_Expand Patterns Background Green 0 - 100%.
38	PIX_BACKGROUND BLUE	000-255	Pix_Expand Patterns Background Blue 0 - 100%.
39	SPECIAL FUNCTION	000-019	No function
		020-024	FAN Auto Mode
		025-029	FAN High Speed
		030-034	FAN Mid Speed
		035-039	FAN Low Speed
		040-044	Linear Dimmer Curve
		045-049	S-Curve Dimmer Curve
		050-054	Square Dimmer Curve
		055-059	InvSquare Dimmer Curve
		060-061	MiniShow 1 Record (Wait 5s device Slow Strobe,Then cut-off signal,wait 20s device fast Strobe, Connect to signal, Record start, First frame Will not be recorded)
		062-063	MiniShow 2 Record (Wait 5s device Slow Strobe,Then cut-off signal,wait 20s device fast Strobe, Connect to signal, Record start, First frame Will not be recorded)
		064-065	MiniShow 3 Record (Wait 5s device Slow Strobe,Then cut-off signal,wait 20s device fast Strobe,Connect to signal,Record start,First frame Will not be recorded)
		066	MiniShow Record Over (This frame Will not be recorded)
		067-068	MiniShow 1 Play(Alone)
		069-070	MiniShow 2 Play(Alone)
		071-072	MiniShow 3 Play(Alone)
		073-079	No function
		080-089	All Motor reset
		090-094	SCAN Motor Reset
		095-099	ZOOM Motor Reset
		100-108	Internal program 1
		109-117	Internal program 2
			

		163-171	Internal program 8
		172-180	Internal program 9
		181-189	Internal Sound program 1
		190-198	Internal Sound program 2
			
		244-252	Internal Sound program 8
		253-255	Internal Sound program 9
	40	000-002	No Delay
		003-005	Delay of "Slave Delay Set"(From Display Panel)
		006-007	0.1s Delay
		008-015	0.2s Delay
			
		240-247	3.1s Delay
		248-255	3.2s Delay

188 CHANNELS

CHANNEL	FUNCTION	VALUE	DESCRIPTION
1	PAN	000-255	Pan movement
2	PAN-FINE	000-255	Fine control of Pan movement
3	TILT	000-255	Tilt movement
4	TILT-FINE	000-255	Fine control of Tilt movement
5	SPEED PAN/TILT	000-225	Max to min speed
		226-235	Blackout by movement
		236-255	No function
6	DIMMER	000-255	Dimmer 0%-100%
7	SHUTTER	000-031	Shutter closed
		032-063	Shutter open
		064-095	Strobe effect slow to fast
		096-127	Shutter open
		128-143	Pulse-effect in sequences slow to fast
		144-159	Closing pulse in sequences fast to slow
		160-191	Shutter open
		192-223	Random strobe effect slow to fast
		224-255	Shutter open
8	RED	000-255	0-100% Red dimmer from dark to bright
9	GREEN	000-255	0-100% Green dimmer from dark to bright
10	BLUE	000-255	0-100% Blue dimmer from dark to bright
11	WHITE	000-255	0-100% White dimmer from dark to bright
12	ZOOM	000-255	In(near) to out(far)
13	ZOOM ROTATION	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
		163-255	Backwards rotation from slow to fast
14	ZOOM ANGLE	000-255	Zoom Angle(0 °-60°)
15	VIRTUAL COLOR	000-005	No function
		006-013	Red
		014-026	Green
		027-039	Blue
		040- 052	White
		053-065	Red+White
		066-078	Green+White

		079-091	Blue+White
		092-104	Green+Blue
		105-117	Red+Blue
		118-130	Red+Green
		131-143	Green+Blue+White
		144-156	Red+Green+Blue
		157-169	Red+Blue+White
		170-182	Red+Green+White
		183-195	Red+Blue+Green+White
		196-200	2700K
		201-205	3200K
		206-210	3500K
		211-215	5000K
		216-220	5500K
		221-225	6000K
		226-230	6500K
		231-235	7000K
		236-240	7500K
		241-245	8000K
		246-250	9000K
		251-255	10000K
16	COLOR TEMP	000-017	No function
		018-100	1800K-10000K(1Steps 100K) (If channel Virtual color is in the interval 001 - 005, RGBW value must be full)
		101-255	10000K
17	FOREGROUND DIMMER	000-225	Foreground dimmer 0-100%.
18	BACKGROUND RED	000-225	0-100% Red dimmer from dark to bright
19	BACKGROUND GREEN	000-255	0-100% Green dimmer from dark to bright
20	BACKGROUND BLUE	000-255	0-100% Blue dimmer from dark to bright
21	BACKGROUND WHITE	000-255	0-100% White dimmer from dark to bright
22	BACKGROUND DIMMER	000-255	Background dimmer 0 - 100%.
23	PATTERNS	000-015	No function
		016-031	Static patterns
		032-035	Dynamic Scene1
		036-039	Dynamic Scene2
			
		152-155	Dynamic Scene31
		156-159	Dynamic Scene32
		160-161	Multicolor Dynamic Scene1
		162-163	Multicolor Dynamic Scene2
			
		252-253	Multicolor Dynamic Scene47
		254-255	Multicolor Dynamic Scene48
24	STATIC PATTERNS OR PATTERNS SPEED	Static Patterns (If channel Patterns is in the interval 016 -031)	
		000-005	Static scene1
		006-011	Static scene2
			
		180-185	Static scene31
		186-191	Static scene32
		192-197	Multicolor Static scene1
		198-203	Multicolor Static scene2

			
		246-251	Multicolor Static scene10
		252-255	Multicolor Static scene11
		Dynamic Patterns (If channel Patterns 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
25	PIX_DIMMER	000-255	Pix_Dimmer 0%-100%
26	PIX_STROBE	000-255	Pix_Strobe Speed 0%-100%
27	PIX_RED	000-255	0-100% Pix_Red dimmer from dark to bright
28	PIX_GREEN	000-255	0-100% Pix_Green dimmer from dark to bright
29	PIX_BLUE	000-255	0-100% Pix_Blue dimmer from dark to bright
30	PIX_COLOR	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
		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
31	PIX_MACRO	000-015	No function
		016-029	Pix Dynamic Scene1
		030-043	Pix Dynamic Scene2
			
		226-239	Pix Dynamic Scene16
		240-255	Pix Dynamic Scene17
32	PIX_MACRO_SPEED	000-255	Slow to fast
33	EXPAND_PATTERNS	000-015	No function
		016-029	Pix Dynamic Scene1
		030-043	Pix Dynamic Scene2
			
		226-239	Pix Dynamic Scene16
		240-255	Pix Dynamic Scene17
34	PIX_FOREGROUND_DIMMER	000-255	"Pix_Expand Patterns Foreground dimmer 0 - 100%. (Foreground Color Share with ""Pix_Macro""Channel)"
35	PIX_BACKGROUND_DIMMER	000-255	Pix_Expand Patterns Background dimmer 0 - 100%.
36	PIX_BACKGROUND_RED	000-255	Pix_Expand Patterns Background Red 0 - 100%.
37	PIX_BACKGROUND_GREEN	000-255	Pix_Expand Patterns Background Green 0 - 100%.
38	PIX_BACKGROUND_BLUE	000-255	Pix_Expand Patterns Background Blue 0 - 100%.
39	RED_IN_PIXEL_1	000-255	Red in pixel 1 saturation control (0-100%)
40	GREEN_IN_PIXEL_1	000-255	Green in pixel 1 saturation control (0-100%)
41	BLUE_IN_PIXEL_1	000-255	Blue in pixel 1 saturation control(0-100%)

42	WHITE IN PIXEL 1	000-255	White in pixel 1 saturation control(0-100%)
43	RED IN PIXEL 2	000-255	Red in pixel 2 saturation control(0-100%)
44	GREEN IN PIXEL 2	000-255	Green in pixel 2 saturation control(0-100%)
45	BLUE IN PIXEL 2	000-255	Blue in pixel 2 saturation control(0-100%)
46	WHITE IN PIXEL 2	000-255	White in pixel 2 saturation control(0-100%)
.....			
179	RED IN PIXEL 36	000-255	Red in pixel 36 saturation control (0-100%)
180	GREEN IN PIXEL 36	000-255	Green in pixel 36 saturation control(0-100%)
181	BLUE IN PIXEL 36	000-255	Blue in pixel 36 saturation control(0-100%)
182	WHITE IN PIXEL 36	000-255	White in pixel 36 saturation control(0-100%)
183	RED IN PIXEL 37	000-255	Red in pixel 37 saturation control (0-100%)
184	GREEN IN PIXEL 37	000-255	Green in pixel 37 saturation control(0-100%)
185	BLUE IN PIXEL 37	000-255	Blue in pixel 37 saturation control(0-100%)
186	WHITE IN PIXEL 37	000-255	White in pixel 37 saturation control(0-100%)
187	SPECIAL FUNCTION	000-019	No function
		020-024	FAN Auto Mode
		025-029	FAN High Speed
		030-034	FAN Mid Speed
		035-039	FAN Low Speed
		040-044	Linear Dimmer Curve
		045-049	S-Curve Dimmer Curve
		050-054	Square Dimmer Curve
		055-059	InvSquare Dimmer Curve
		060-061	MiniShow 1 Record (Wait 5s device Slow Strobe,Then cut-off signal,wait 20s device fast Strobe, Connect to signal, Record start, First frame Will not be recorded)
		062-063	MiniShow 2 Record (Wait 5s device Slow Strobe,Then cut-off signal,wait 20s device fast Strobe, Connect to signal, Record start, First frame Will not be recorded)
		064-065	MiniShow 3 Record (Wait 5s device Slow Strobe,Then cut-off signal,wait 20s device fast Strobe,Connect to signal,Record start,First frame Will not be recorded)
		066	MiniShow Record Over (This frame Will not be recorded)
		067-068	MiniShow 1 Play(Alone)
		069-070	MiniShow 2 Play(Alone)
		071-072	MiniShow 3 Play(Alone)
		073-079	No function
		080-089	All Motor reset
		090-094	SCAN Motor Reset
		095--099	ZOOM Motor Reset
		100-108	Internal program 1
		109-117	Internal program 2
.....			
		163-171	Internal program 8
		172-180	Internal program 9
		181-189	Internal Sound program 1
		190-198	Internal Sound program 2
.....			

188	INTERNAL PROGRAM DELAY(REFRESH RUN AFTER CHANGE INTERNAL PROGRAM)	244-252	Internal Sound program 8
		253-255	Internal Sound program 9
		000-002	No Delay
		003-005	Delay of "Slave Delay Set"(From Display Panel)
		006-007	0.1s Delay
		008-015	0.2s Delay
			
		240-247	3.1s Delay
		248-255	3.2s Delay

193 CHANNELS

CHANNEL	FUNCTION	VALUE	DESCRIPTION
1	PAN	000-255	Pan movement
2	PAN-FINE	000-255	Fine control of Pan movement
3	TILT	000-255	Tilt movement
4	TILT-FINE	000-255	Fine control of Tilt movement
5	SPEED PAN/TILT	000-225	Max to min speed
		226-235	Blackout by movement
		236-255	No function
6	DIMMER	000-255	Dimmer 0%-100%
7	DIMMER_FINE	000-255	Dimmer Fine 0%-100%
8	SHUTTER	000-031	Shutter closed
		032-063	Shutter open
		064-095	Strobe effect slow to fast
		096-127	Shutter open
		128-143	Opening pulse in sequences slow to fast
		144-159	Closing pulse in sequences fast to slow
		160-191	Shutter open
		192-223	Random strobe effect slow to fast
		224-255	Shutter open
9	RED	000-255	0-100% Red dimmer from dark to bright
10	RED_FINE	000-255	0-100% Red Fine dimmer from dark to bright
11	GREEN	000-255	0-100% Green dimmer from dark to bright
12	GREEN_FINE	000-255	0-100% Green Fine dimmer from dark to bright
13	BLUE	000-255	0-100% Blue dimmer from dark to bright
14	BLUE_FINE	000-255	0-100% Blue Fine dimmer from dark to bright
15	WHITE	000-255	0-100% White dimmer from dark to bright
16	WHITE_FINE	000-255	0-100% White Fine dimmer from dark to bright
17	ZOOM	000-255	In(near) to out(far)
18	ZOOM ROTATION	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
		163-255	Backwards rotation from slow to fast
19	ZOOM ANGLE	000-255	Zoom Angle(0°-60°)
20	VIRTUAL COLOR	000-005	No function
		006-013	Red
		014-026	Green
		027-039	Blue
		040-052	White
		053-065	Red+White
		066-078	Green+White

		079-091	Blue+White
		092-104	Green+Blue
		105-117	Red+Blue
		118-130	Red+Green
		131-143	Green+Blue+White
		144-156	Red+Green+Blue
		157-169	Red+Blue+White
		170-182	Red+Green+White
		183-195	Red+Blue+Green+White
		196-200	2700K
		201-205	3200K
		206-210	3500K
		211-215	5000K
		216-220	5500K
		221-225	6000K
		226-230	6500K
		231-235	7000K
		236-240	7500K
		241-245	8000K
		246-250	9000K
		251-255	10000K
21	COLOR TEMP	000-017	No function
		018-100	1800K-10000K(1Steps 100K) (If channel Virtual color is in the interval 001 - 005, need RGBW value is Full)
		101-255	10000K
22	FOREGROUND DIMMER	000-225	Foreground dimmer 0 - 100%.
23	BACKGROUND RED	000-225	0-100% Red dimmer from dark to bright
24	BACKGROUND GREEN	000-255	0-100% Green dimmer from dark to bright
25	BACKGROUND BLUE	000-255	0-100% Blue dimmer from dark to bright
26	BACKGROUND WHITE	000-255	0-100% White dimmer from dark to bright
27	BACKGROUND DIMMER	000-255	Background dimmer 0 - 100%.
28	PATTERNS	000-015	No function
		016-031	Static patterns
		032-035	Dynamic Scene1
		036-039	Dynamic Scene2
			
		152-155	Dynamic Scene31
		156-159	Dynamic Scene32
		160-161	Multicolor Dynamic Scene1
		162-163	Multicolor Dynamic Scene2
			
		252-253	Multicolor Dynamic Scene47
29	STATIC PATTERNS OR PATTERNS SPEED	254-255	Multicolor Dynamic Scene48
		Static Patterns (If channel Patterns is in the interval 016 - 031)	
		000-005	Static scene1
		006-011	Static scene2
			
		180-185	Static scene31
		186-191	Static scene32
		192-197	Multicolor Static scene1
		198-203	Multicolor Static scene2

			
		246-251	Multicolor Static scene10
		252-255	Multicolor Static scene11
		Dynamic Patterns (If channel Patterns 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
30	PIX_DIMMER	000-255	Pix_Dimmer 0%-100%
31	PIX_STROBE	000-255	Pix_Strobe Speed 0%-100%
32	PIX_RED	000-255	0-100% Pix_Red dimmer from dark to bright
33	PIX_GREEN	000-255	0-100% Pix_Green dimmer from dark to bright
34	PIX_BLUE	000-255	0-100% Pix_Blue dimmer from dark to bright
35	PIX_COLOR	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
		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
36	PIX_MACRO	000-015	No function
		016-029	Pix Dynamic Scene1
		030-043	Pix Dynamic Scene2
			
		226-239	Pix Dynamic Scene16
		240-255	Pix Dynamic Scene17
37	PIX_MACRO_SPEED	000-255	Slow to fast
38	EXPAND_PATTERNS	000-015	No Function
		016-029	Pix Dynamic Scene1
		030-043	Pix Dynamic Scene2
			
		226-239	Pix Dynamic Scene16
		240-255	Pix Dynamic Scene17
39	PIX_FOREGROUND_DIMMER	000-255	"Pix_Expand Patterns Foreground dimmer 0 - 100%. (Foreground Color Share with ""Pix_Macro""Channel)"
40	PIX_BACKGROUND_DIMMER	000-255	Pix_Expand Patterns Background dimmer 0 - 100%.
41	PIX_BACKGROUND_RED	000-255	Pix_Expand Patterns Background Red 0 - 100%.
42	PIX_BACKGROUND_GREEN	000-255	Pix_Expand Patterns Background Green 0 - 100%.
43	PIX_BACKGROUND_BLUE	000-255	Pix_Expand Patterns Background Blue 0 - 100%.
44	RED_IN_PIXEL_1	000-255	Red in pixel 1 saturation control (0-100%)
45	GREEN_IN_PIXEL_1	000-255	Green in pixel 1 saturation control (0-100%)
46	BLUE_IN_PIXEL_1	000-255	Blue in pixel 1 saturation control(0-100%)

47	WHITE IN PIXEL 1	000-255	White in pixel 1 saturation control(0-100%)
48	RED IN PIXEL 2	000-255	Red in pixel 2 saturation control(0-100%)
49	GREEN IN PIXEL 2	000-255	Green in pixel 2 saturation control(0-100%)
50	BLUE IN PIXEL 2	000-255	Blue in pixel 2 saturation control(0-100%)
51	WHITE IN PIXEL 2	000-255	White in pixel 2 saturation control(0-100%)
.....			
184	RED IN PIXEL 36	000-255	Red in pixel 36 saturation control (0-100%)
185	GREEN IN PIXEL 36	000-255	Green in pixel 36 saturation control(0-100%)
186	BLUE IN PIXEL 36	000-255	Blue in pixel 36 saturation control(0-100%)
187	WHITE IN PIXEL 36	000-255	White in pixel 36 saturation control(0-100%)
188	RED IN PIXEL 37	000-255	Red in pixel 37 saturation control (0-100%)
189	GREEN IN PIXEL 37	000-255	Green in pixel 37 saturation control(0-100%)
190	BLUE IN PIXEL 37	000-255	Blue in pixel 37 saturation control(0-100%)
191	WHITE IN PIXEL 37	000-255	White in pixel 37 saturation control(0-100%)
192	SPECIAL FUNCTION	000-019	No function
		020-024	FAN Auto Mode
		025-029	FAN High Speed
		030-034	FAN Mid Speed
		035-039	FAN Low Speed
		040-044	Linear Dimmer Curve
		045-049	S-Curve Dimmer Curve
		050-054	Square Dimmer Curve
		055-059	InvSquare Dimmer Curve
		060-061	MiniShow 1 Record (Wait 5s device Slow Strobe,Then cut-off signal,wait 20s device fast Strobe, Connect to signal, Record start, First frame Will not be recorded)
		062-063	MiniShow 2 Record (Wait 5s device Slow Strobe,Then cut-off signal,wait 20s device fast Strobe, Connect to signal, Record start, First frame Will not be recorded)
		064-065	MiniShow 3 Record (Wait 5s device Slow Strobe,Then cut-off signal,wait 20s device fast Strobe,Connect to signal,Record start,First frame Will not be recorded)
		066	MiniShow Record Over (This frame Will not be recorded)
		067-068	MiniShow 1 Play(Alone)
		069-070	MiniShow 2 Play(Alone)
		071-072	MiniShow 3 Play(Alone)
		073-079	No function
		080-089	All Motor reset
		090-094	SCAN Motor Reset
		095--099	ZOOM Motor Reset
		100-108	Internal program 1
		109-117	Internal program 2
.....			
		163-171	Internal program 8
		172-180	Internal program 9
		181-189	Internal Sound program 1
		190-198	Internal Sound program 2
.....			

		244-252	Internal Sound program 8
		253-255	Internal Sound program 9
193	INTERNAL PROGRAM DELAY(REFRESH RUN AFTER CHANGE INTERNAL PROGRAM)	000-002	No Delay
		003-005	Delay of "Slave Delay Set"(From Display Panel)
		006-007	0.1s Delay
		008-015	0.2s Delay
			
		240-247	3.1s Delay
		248-255	3.2s Delay







BEAMZ

YOUR FUTURE
YOUR SKILLS
YOUR PLATFORM
YOUR PARTY
YOUR EVENT

 **beamZ^{Pro}**

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!



BEAMZLIGHTING.COM