beamZ Pro

BEAMZ MADE EAZY

NEUTRON-ATOM

QUICK START GUIDE

CONTROL MENU

If the display is in standby, unlock it

▲ + ▼ + ▲ + ▼ + ENTER = UNLOCK
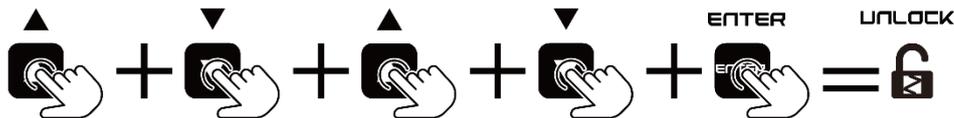
MENU			DESCRIPTION
MODE	DMX ADDR	A001-A512	DMX address setting
	DMX MODE	6CH	DMX channel mode
		8CH	
		14CH	
		21CH	
		24CH	
		112CH	
		127CH	
	SLAVE		Slave mode
	AUTO	01-31	Auto program
	STATIC	000-255	Auto Speed
		000-255	Beam Dimmer
		000-255	Beam strobe duration
		000-255	Beam strobe
		000-255	Aura strobe duration
		000-255	Aura strobe
		000-255	Beam Red
		000-255	Beam Green
		000-255	Beam Blue
		000-255	Beam Amber
		000-255	Beam Lime
		000-255	Colour macro
		000-255	Aura Red
		000-255	Aura Green
		000-255	Aura Blue
SETTINGS	DISPLAY REV	On/Off	Display reverse option
	DISPLAY	On/Off	Display on/off option
	DMX FAIL	Freeze	When no dmx
		Blackout	
		Auto	
	DIMMER CURVE	Linear	Dimmer Curve
		Exp	
		Square	
		S-Curve	
	DIMMER RESPONSE		Led
			Halogen
	LED FREQUENCY		800Hz
			1200Hz
			2000Hz
			3600Hz
			6000Hz
			15KHz
	TEST	On/Off	Function test
	FACTORY RESET	Reset now?	Yes
	AUTO LOCK	No Lock	Display lock
		60 Seconds	
	LANGUAGE		English

SYSTEM INFO		Chinese	
SYSTEM INFO	FIRMWARE	Software Ver.	Vxxxx
	ERROR INFO	Led Sensor	Error/OK
	TEMPERATURE	Temp	xx°C
		Temp Unit	Fahrenheit
			Celsius
	TIME INFO	Power On	XXXHours
		Last Run Hrs	XXXHours

DIMMING CURVES
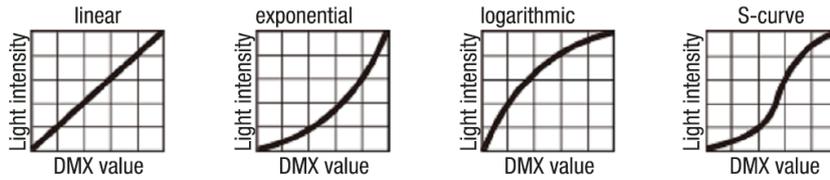
DMX CHANNELS

6 CHANNELS

CHANNELS	FUNCTION	VALUE	DESCRIPTION
1	MASTER DIMMER	000-255	Master Dimmer 0-100%
2	STROBE	000-005	Strobe open
		006-010	Strobe closed
		011-250	Strobe from slow to fast
		251-255	Strobe open
3	COLOUR MACRO	000-005	No Function
		006-012	Red
		013-019	Amber
		020-026	Yellow Amber
		027-033	Yellow
		034-040	Green
		041-047	Turquoise
		048-054	Cyan
		055-061	Blue
		062-068	Lavender
		069-075	Mauve
		076-082	Magenta
		083-089	Pink
		090-096	White 1
		097-103	White 2
		104-110	White 3
		111-117	White 4
		118-124	White 5
		125-127	Colour jump stop
		128-191	Colour jump from slow to fast
		192-255	Colour fading from slow to fast
4	AURA RED	000-255	Aura Dimmer Red 0-100%
5	AURA GREEN	000-255	Aura Dimmer Green 0-100%
6	AURA BLUE	000-255	Aura Dimmer Blue 0-100%

8 CHANNELS

CHANNELS	FUNCTION	VALUE	DESCRIPTION
1	RED	000-255	Dimmer Red 0-100%
2	GREEN	000-255	Dimmer Green 0-100%
3	BLUE	000-255	Dimmer Blue 0-100%
4	AMBER	000-255	Dimmer Amber 0-100%
5	LIME	000-255	Dimmer Lime 0-100%
6	AURA RED	000-255	Aura Dimmer Red 0-100%
7	AURA GREEN	000-255	Aura Dimmer Green 0-100%
8	AURA BLUE	000-255	Aura Dimmer Blue 0-100%

14 CHANNELS

CHANNELS	FUNCTION	VALUE	DESCRIPTION
1	MASTER DIMMER	000-255	Master Dimmer 0-100%
2	BEAM STROBE DURATION	000-005	Strobe open
		006-250	Strobe duration from slow to fast
		251-255	Strobe open
3	BEAM STROBE	000-005	Strobe open
		006-010	Strobe closed
		011-250	Strobe from slow to fast
		251-255	Strobe open
4	AURA STROBE DURATION	000-005	Strobe open
		006-250	Strobe duration from slow to fast
		251-255	Strobe open
5	AURA STROBE	000-005	Strobe open
		006-010	Strobe closed
		006-250	Strobe from slow to fast
		251-255	Strobe open
6	RED	000-255	Dimmer Red 0-100%
7	GREEN	000-255	Dimmer Green 0-100%
8	BLUE	000-255	Dimmer Blue 0-100%
9	AMBER	000-255	Dimmer Amber 0-100%
10	LIME	000-255	Dimmer Lime 0-100%
11	COLOUR MACRO	000-005	No Function
		006-012	Red
		013-019	Amber
		020-026	Yellow Amber
		027-033	Yellow
		034-040	Green
		041-047	Turquoise
		048-054	Cyan
		055-061	Blue
		062-068	Lavender
		069-075	Mauve
		076-082	Magenta
		083-089	Pink
		090-096	White 1
		097-103	White 2
		104-110	White 3
		111-117	White 4
		118-124	White 5
		125-127	Colour jump stop
		128-191	Colour jump from slow to fast

		192-255	Colour fading from slow to fast
12	AURA RED	000-255	Aura Dimmer Red 0-100%
13	AURA GREEN	000-255	Aura Dimmer Green 0-100%
14	AURA BLUE	000-255	Aura Dimmer Blue 0-100%

21 CHANNELS

CHANNELS	FUNCTION	VALUE	DESCRIPTION
1	BEAM DIMMER	000-255	Beam Master Dimmer 0-100%
2	BEAM DIMMER FINE	000-255	Beam Dimmer Fine 0-100%
3	AURA DIMMER	000-255	Aura Dimmer 0-100%
4	AURA DIMMER FINE	000-255	Aura Dimmer Fine 0-100%
5	BEAM STROBE DURATION	000-005	Strobe open
		006-250	Strobe duration from slow to fast
		251-255	Strobe open
6	BEAM STROBE	000-005	Strobe open
		006-010	Strobe closed
		011-022	Ramp up/down from slow to fast
		023-033	Ramp up/down random from slow to fast
		034-045	Ramp up from slow to fast
		046-056	Ramp up random from slow to fast
		057-068	Ramp down from slow to fast
		069-079	Ramp down random from slow to fast
		080-102	Random strobe effect from slow to fast
		103-127	Strobe break
		128-250	Strobe from slow to fast
		251-255	Strobe open
7	AURA STROBE DURATION	000-005	Strobe open
		006-250	Strobe duration from slow to fast
		251-255	Strobe open
8	AURA STROBE	000-005	Strobe open
		006-010	Strobe closed
		011-022	Ramp up/down from slow to fast
		023-033	Ramp up/down random from slow to fast
		034-045	Ramp up from slow to fast
		046-056	Ramp up random from slow to fast
		057-068	Ramp down from slow to fast
		069-079	Ramp down random from slow to fast
		080-102	Random strobe effect from slow to fast
		103-127	Strobe break
		128-250	Strobe from slow to fast
		251-255	Strobe open
9	RED	000-255	Dimmer Red 0-100%
10	GREEN	000-255	Dimmer Green 0-100%
11	BLUE	000-255	Dimmer Blue 0-100%
12	AMBER	000-255	Dimmer Amber 0-100%
13	LIME	000-255	Dimmer Lime 0-100%
14	COLOUR MACRO	000-005	No Function
		006-012	Red
		013-019	Amber
		020-026	Yellow Amber
		027-033	Yellow
		034-040	Green
		041-047	Turquoise

		048-054	Cyan
		055-061	Blue
		062-068	Lavender
		069-075	Mauve
		076-082	Magenta
		083-089	Pink
		090-096	White 1
		097-103	White 2
		104-110	White 3
		111-117	White 4
		118-124	White 5
		125-127	Colour jump stop
		128-191	Colour jump from slow to fast
		192-255	Colour fading from slow to fast
15	AURA RED	000-255	Aura Dimmer Red 0-100%
16	AURA GREEN	000-255	Aura Dimmer Green 0-100%
17	AURA BLUE	000-255	Aura Dimmer Blue 0-100%
18	AURA COLOUR MACRO	000-010	No Function
		011-011	Red:0 Green:0 Blue:255
		012-048	Red:0 Green:+ Blue:255
		049-049	Red:0 Green:255 Blue:255
		050-086	Red:0 Green:255 Blue:-
		087-087	Red:0 Green:255 Blue:0
		088-124	Red:+ Green:255 Blue 0
		125-125	Red:255 Green:255 Blue:0
		126-162	Red:255 Green:- Blue:0
		163-163	Red:255 Green:0 Blue:0
		164-200	Red:255 Green:0 Blue:+
		201-201	Red:255 Green:0 Blue:255
		202-238	Red:- Green:0 Blue:255
		239-239	Red:0 Green:0 Blue:255
		240-247	Colour rotation from fast to slow
		248-255	Colour snap from fast to slow
19	AURA EFFECT	000-005	No Function
		006-008	Effect 1
		009-011	Effect 2
		012-014	Effect 3
		......	....
		240-242	Effect 79
		243-245	Effect 80
		246-248	Effect 81
		249-255	No Function
20	SPEED	000-255	Effect speed from slow to fast
21	SETTINGS	000-005	No Function
		006-015	Display on
		016-025	Display off
		026-035	No Function
		036-045	Dimmer Curve Linear
		046-055	Dimmer Curve Square
		056-065	Dimmer Curve invert Square
		066-075	Dimmer Curve S-Curve
		076-085	No Function

		086-095	Dimmer speed mode
		096-105	Dimmer speed halogen
		106-115	No Function
		116-125	Led Freq. 800Hz
		126-135	Led Freq. 1200Hz
		136-145	Led Freq. 2000Hz
		146-155	Led Freq. 3600Hz
		156-165	Led Freq. 6000Hz
		166-175	Led Freq. 25KHz
		176-255	No Function

24 CHANNELS

CHANNELS	FUNCTION	VALUE	DESCRIPTION
1	BEAM DIMMER	000-255	Beam Master Dimmer 0-100%
2	BEAM DIMMER FINE	000-255	Beam Dimmer Fine 0-100%
3	AURA DIMMER	000-255	Aura Dimmer 0-100%
4	AURA DIMMER FINE	000-255	Aura Dimmer Fine 0-100%
5	BEAM STROBE DURATION	000-005	Strobe open
		006-250	Strobe duration from slow to fast
		251-255	Strobe open
6	BEAM STROBE	000-005	Strobe open
		006-010	Strobe closed
		011-022	Ramp up/down from slow to fast
		023-033	Ramp up/down random from slow to fast
		034-045	Ramp up from slow to fast
		046-056	Ramp up random from slow to fast
		057-068	Ramp down from slow to fast
		069-079	Ramp down random from slow to fast
		080-102	Random strobe effect from slow to fast
		103-127	Strobe break
		128-250	Strobe from slow to fast
		251-255	Strobe open
7	AURA STROBE DURATION	000-005	Strobe open
		006-250	Strobe duration from slow to fast
		251-255	Strobe open
8	AURA STROBE	000-005	Strobe open
		006-010	Strobe closed
		011-022	Ramp up/down from slow to fast
		023-033	Ramp up/down random from slow to fast
		034-045	Ramp up from slow to fast
		046-056	Ramp up random from slow to fast
		057-068	Ramp down from slow to fast
		069-079	Ramp down random from slow to fast
		080-102	Random strobe effect from slow to fast
		103-127	Strobe break
		128-250	Strobe from slow to fast
		251-255	Strobe open
9	RED	000-255	Dimmer Red 0-100%
10	GREEN	000-255	Dimmer Green 0-100%
11	BLUE	000-255	Dimmer Blue 0-100%
12	AMBER	000-255	Dimmer Amber 0-100%
13	LIME	000-255	Dimmer Lime 0-100%
14	COLOUR MACRO	000-005	No Function

		006-012	Red
		013-019	Amber
		020-026	Yellow Amber
		027-033	Yellow
		034-040	Green
		041-047	Turquoise
		048-054	Cyan
		055-061	Blue
		062-068	Lavender
		069-075	Mauve
		076-082	Magenta
		083-089	Pink
		090-096	White 1
		097-103	White 2
		104-110	White 3
		111-117	White 4
		118-124	White 5
		125-127	Colour jump stop
		128-191	Colour jump from slow to fast
		192-255	Colour fading from slow to fast
15	AURA RED	000-255	Aura Dimmer Red 0-100%
16	AURA GREEN	000-255	Aura Dimmer Green 0-100%
17	AURA BLUE	000-255	Aura Dimmer Blue 0-100%
18	AURA FOREGROUND COLOUR MACRO	000-010	No Function
		011-011	Red:0 Green:0 Blue:255
		012-048	Red:0 Green:+ Blue:255
		049-049	Red:0 Green:255 Blue:255
		050-086	Red:0 Green:255 Blue:-
		087-087	Red:0 Green:255 Blue:0
		088-124	Red:+ Green:255 Blue 0
		125-125	Red:255 Green:255 Blue:0
		126-162	Red:255 Green:- Blue:0
		163-163	Red:255 Green:0 Blue:0
		164-200	Red:255 Green:0 Blue:+
		201-201	Red:255 Green:0 Blue:255
		202-238	Red:- Green:0 Blue:255
		239-239	Red:0 Green:0 Blue:255
		240-247	Colour rotation from fast to slow
		248-255	Colour snap from fast to slow
19	AURA FOREGROUND DIMMER	000-255	Aura Foreground Dimmer 0-100%
20	AURA BACKGROUND COLOUR MACRO	000-010	No Function
		011-011	Red:0 Green:0 Blue:255
		012-048	Red:0 Green:+ Blue:255
		049-049	Red:0 Green:255 Blue:255
		050-086	Red:0 Green:255 Blue:-
		087-087	Red:0 Green:255 Blue:0
		088-124	Red:+ Green:255 Blue 0
		125-125	Red:255 Green:255 Blue:0
		126-162	Red:255 Green:- Blue:0
		163-163	Red:255 Green:0 Blue:0
		164-200	Red:255 Green:0 Blue:+

		201-201	Red:255 Green:0 Blue:255
		202-238	Red:- Green:0 Blue:255
		239-239	Red:0 Green:0 Blue:255
		240-247	Colour rotation from fast to slow
		248-255	Colour snap from fast to slow
21	AURA BACKGROUND DIMMER	000-255	Aura Background Dimmer 0-100%
22	AURA EFFECT	000-005	No Function
		006-008	Effect 1
		009-011	Effect 2
		012-014	Effect 3
		......	....
		240-242	Effect 79
		243-245	Effect 80
		246-248	Effect 81
		249-255	No Function
23	SPEED	000-255	Effect speed from slow to fast
24	SETTINGS	000-005	No Function
		006-015	Display on
		016-025	Display off
		026-035	No Function
		036-045	Dimmer Curve Linear
		046-055	Dimmer Curve Square
		056-065	Dimmer Curve invert Square
		066-075	Dimmer Curve S-Curve
		076-085	No Function
		086-095	Dimmer speed mode
		096-105	Dimmer speed halogen
		106-115	No Function
		116-125	Led Freq. 800Hz
		126-135	Led Freq. 1200Hz
		136-145	Led Freq. 2000Hz
		146-155	Led Freq. 3600Hz
		156-165	Led Freq. 6000Hz
		166-175	Led Freq. 25KHz
		176-255	No Function

115 CHANNELS

CHANNELS	FUNCTION	VALUE	DESCRIPTION
1	MASTER DIMMER	000-255	Master Dimmer 0-100%
2	STROBE	000-005	Strobe open
		006-010	Strobe closed
		011-250	Strobe from slow to fast
		251-255	Strobe open
3	RED	000-255	Dimmer Red 0-100%
4	GREEN	000-255	Dimmer Green 0-100%
5	BLUE	000-255	Dimmer Blue 0-100%
6	AMBER	000-255	Dimmer Amber 0-100%
7	LIME	000-255	Dimmer Lime 0-100%
8	AURA RED	000-255	Segment 1 Aura Dimmer Red 0-100%
9	AURA GREEN	000-255	Segment 1 Aura Dimmer Green 0-100%
10	AURA BLUE	000-255	Segment 1 Aura Dimmer Blue 0-100%
....	....	....	....

CHANNELS	FUNCTION	VALUE	DESCRIPTION
113	AURA RED	000-255	Segment 36 Aura Dimmer Red 0-100%
114	AURA GREEN	000-255	Segment 36 Aura Dimmer Green 0-100%
115	AURA BLUE	000-255	Segment 36 Aura Dimmer Blue 0-100%

127 CHANNELS

CHANNELS	FUNCTION	VALUE	DESCRIPTION
1	MASTER DIMMER	000-255	Master Dimmer 0-100%
2	BEAM DIMMER	000-255	Beam Dimmer 0-100%
3	AURA DIMMER	000-255	Aura Dimmer 0-100%
4	BEAM STROBE DURATION	000-005	Strobe open
		006-250	Strobe duration from slow to fast
		251-255	Strobe open
5	BEAM STROBE	000-005	Strobe open
		006-010	Strobe closed
		011-022	Ramp up/down from slow to fast
		023-033	Ramp up/down random from slow to fast
		034-045	Ramp up from slow to fast
		046-056	Ramp up random from slow to fast
		057-068	Ramp down from slow to fast
		069-079	Ramp down random from slow to fast
		080-102	Random strobe effect from slow to fast
		103-127	Strobe break
		128-250	Strobe from slow to fast
		251-255	Strobe open
6	AURA STROBE DURATION	000-005	Strobe open
		006-250	Strobe duration from slow to fast
		251-255	Strobe open
7	AURA STROBE	000-005	Strobe open
		006-010	Strobe closed
		011-022	Ramp up/down from slow to fast
		023-033	Ramp up/down random from slow to fast
		034-045	Ramp up from slow to fast
		046-056	Ramp up random from slow to fast
		057-068	Ramp down from slow to fast
		069-079	Ramp down random from slow to fast
		080-102	Random strobe effect from slow to fast
		103-127	Strobe break
		128-250	Strobe from slow to fast
		251-255	Strobe open
9	RED	000-255	Dimmer Red 0-100%
10	GREEN	000-255	Dimmer Green 0-100%
11	BLUE	000-255	Dimmer Blue 0-100%
12	AMBER	000-255	Dimmer Amber 0-100%
13	LIME	000-255	Dimmer Lime 0-100%
14	AURA RED	000-255	Segment 1 Aura Dimmer Red 0-100%
15	AURA GREEN	000-255	Segment 1 Aura Dimmer Green 0-100%
16	AURA BLUE	000-255	Segment 1 Aura Dimmer Blue 0-100%
....	....	....	....
118	AURA RED	000-255	Segment 36 Aura Dimmer Red 0-100%
119	AURA GREEN	000-255	Segment 36 Aura Dimmer Green 0-100%
120	AURA BLUE	000-255	Segment 36 Aura Dimmer Blue 0-100%
121	AURA	000-010	No Function
		011-011	Red:0 Green:0 Blue:255

		012-048	Red:0 Green:+ Blue:255
	FOREGROUND COLOUR MACRO	049-049	Red:0 Green:255 Blue:255
		050-086	Red:0 Green:255 Blue:-
		087-087	Red:0 Green:255 Blue:0
121	AURA FOREGROUND COLOUR MACRO	088-124	Red:+ Green:255 Blue 0
		125-125	Red:255 Green:255 Blue:0
		126-162	Red:255 Green:- Blue:0
		163-163	Red:255 Green:0 Blue:0
		164-200	Red:255 Green:0 Blue:+
		201-201	Red:255 Green:0 Blue:255
		202-238	Red:- Green:0 Blue:255
		239-239	Red:0 Green:0 Blue:255
		240-247	Colour rotation from fast to slow
		248-255	Colour snap from fast to slow
122	AURA FOREGROUND DIMMER	000-255	Aura Foreground Dimmer 0-100%
123	AURA BACKGROUND COLOUR MACRO	000-010	No Function
		011-011	Red:0 Green:0 Blue:255
		012-048	Red:0 Green:+ Blue:255
		049-049	Red:0 Green:255 Blue:255
		050-086	Red:0 Green:255 Blue:-
		087-087	Red:0 Green:255 Blue:0
		088-124	Red:+ Green:255 Blue 0
		125-125	Red:255 Green:255 Blue:0
		126-162	Red:255 Green:- Blue:0
		163-163	Red:255 Green:0 Blue:0
		164-200	Red:255 Green:0 Blue:+
		201-201	Red:255 Green:0 Blue:255
		202-238	Red:- Green:0 Blue:255
		239-239	Red:0 Green:0 Blue:255
		240-247	Colour rotation from fast to slow
		248-255	Colour snap from fast to slow
124	AURA BACKGROUND DIMMER	000-255	Aura Background Dimmer 0-100%
125	AURA EFFECT	000-005	No Function
		006-008	Effect 1
		009-011	Effect 2
		012-014	Effect 3
		......	....
		240-242	Effect 79
		243-245	Effect 80
		246-248	Effect 81
126	SPEED	000-255	Effect speed from slow to fast
127	SETTINGS	000-005	No Function
		006-015	Display on
		016-025	Display off
		026-035	No Function
		036-045	Dimmer Curve Linear
		046-055	Dimmer Curve Square
		056-065	Dimmer Curve invert Square
		066-075	Dimmer Curve S-Curve
		076-085	No Function

		086-095	Dimmer speed mode
		096-105	Dimmer speed halogen
		106-115	No Function
127	SETTINGS	116-125	Led Freq. 800Hz
		126-135	Led Freq. 1200Hz
		136-145	Led Freq. 2000Hz
		146-155	Led Freq. 3600Hz
		156-165	Led Freq. 6000Hz
		166-175	Led Freq. 25KHz
		176-255	No Function

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!