



151.533 V1.1

NEUTRON-ATOM QUICK **START** GUIDE

CONTROL MENU

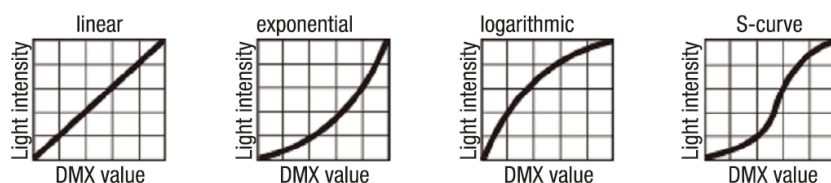
If the display is in standby, unlock it



MENU		DESCRIPTION	
MODE	DMX ADDR	A001-A512	DMX address setting
	DMX MODE	4CH	DMX channel mode
		9CH	
		11CH	
		15CH	
		18CH	
		112CH	
		123CH	
	SLAVE		Slave mode
	AUTO	01-31	Auto program
	STATIC	000-255	Auto Speed
		000-255	Beam Dimmer
		000-255	Beam Dimmer Fine
		000-255	Amber
		000-255	Aura Dimmer
		000-255	Beam strobe duration
		000-255	Beam strobe
		000-255	Aura strobe duration
		000-255	Aura strobe
		000-255	Aura Red
		000-255	Aura Green
		000-255	Aura Blue
		000-255	Colour macro
		000-255	Aura program
		000-255	Program speed
SETTINGS	DISPLAY REV	On/Off	Display reverse option
	DISPLAY	On/Off	Display on/off option
	DMX FAIL	Freeze	When no dmx
		Blackout	
		Auto	
	TUNGSTEN	On/Off	Tungsten option
	DIMMER CURVE	Linear	Dimmer Curve
		Exp	
		Square	
		S-Curve	
	DIMMER SPEED	Dim sp mode off	Option to adjust the dimmer speed
		Dim sp mode1	
		Dim sp mode2	
		Dim sp mode3	
	LED FREQUENCY	800Hz	
		1200Hz	
		2000Hz	
		3600Hz	
		6000Hz	
	TEST	15KHz	Function test
	FACTORY RESET	Reset now?	Yes

SYSTEM INFO	AUTO LOCK	No Lock	Display lock
		60 Seconds	
	FIRMWARE	Software Ver.	Vxxxx
	ERROR INFO	Led Sensor	Error/OK
	TEMPERATURE	Temp	xxx°C
TIME INFO		Temp Unit	Fahrenheit
			Celsius
		Power On	XXXHours
		Last Run Hrs	XXXHours

DIMMING CURVES



DMX CHANNELS

4 CHANNELS

CHANNELS	FUNCTION	VALUE	DESCRIPTION
1	WARM WHITE	000-255	Dimmer Warm White 0-100%
2	RED	000-255	Aura Dimmer Red 0-100%
3	GREEN	000-255	Aura Dimmer Green 0-100%
4	BLUE	000-255	Aura Dimmer Blue 0-100%

9 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	DURATION	000-005	Strobe open
		006-250	Strobe duration from slow to fast
		251-255	Strobe open
4	WARM WHITE	000-255	Dimmer Warm White 0-100%
5	AMBER	000-255	Dimmer Amber 0-100%
6	RED	000-255	Aura Dimmer Red 0-100%
7	GREEN	000-255	Aura Dimmer Green 0-100%
8	BLUE	000-255	Aura Dimmer Blue 0-100%
9	SETTINGS	000-005	Tungsten mode off (Hold 3s)
		006-010	Tungsten mode on (Hold 3s)
		011-015	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 off
	096-105	Dimmer speed mode 1
	106-115	Dimmer speed mode 2
	116-125	Dimmer speed mode 3
	126-135	No Function
	136-145	Led Freq. 800Hz
	146-155	Led Freq. 1200Hz
	156-165	Led Freq. 2000Hz
	166-175	Led Freq. 3600Hz
	176-185	Led Freq. 6000Hz
	186-195	Led Freq. 15KHz
	196-255	No Function

11 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	000-009	Strobe open
		010-250	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
		006-250	Strobe from slow to fast
		251-255	Strobe open
6	WARM WHITE	000-255	Dimmer Warm White 0-100%
7	AMBER	000-255	Dimmer Amber 0-100%
8	RED	000-255	Dimmer Red 0-100%
9	GREEN	000-255	Dimmer Green 0-100%
10	BLUE	000-255	Dimmer Blue 0-100%
11	SETTINGS	000-005	Tungsten mode off (Hold 3s)
		006-010	Tungsten mode on (Hold 3s)
		011-015	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 off
		096-105	Dimmer speed mode 1
		106-115	Dimmer speed mode 2
		116-125	Dimmer speed mode 3
		126-135	No Function
		136-145	Led Freq. 800Hz
		146-155	Led Freq. 1200Hz
		156-165	Led Freq. 2000Hz
		166-175	Led Freq. 3600Hz

	176-185	Led Freq. 6000Hz
	186-195	Led Freq. 15KHz
	196-255	No Function

15 CHANNELS

CHANNELS	FUNCTION	VALUE	DESCRIPTION
1	MASTER DIMMER	000-255	Beam Master Dimmer 0-100%
2	DIMMER FINE	000-255	Beam Dimmer Fine 0-100%
3	AMBER	000-255	Dimmer Amber 0-100%
4	AURA DIMMER	000-255	Aura Dimmer 0-100%
5	BEAM STROBE DURATION	000-005	Strobe open
		006-250	Strobe duration from slow to fast (When the value of 6CH is 128-250)
		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 (When the value of 8CH is 128-250)
		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	Aura Dimmer Red 0-100%
10	GREEN	000-255	Aura Dimmer Green 0-100%
11	BLUE	000-255	Aura Dimmer Blue 0-100%
12	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
13	AURO EFFECT	000-005	No Function
		006-008	Effect 1
		009-011	Effect 2
		012-014	Effect 3
			
		240-242	Effect 79
13	AURA EFFECT	243-245	Effect 80
		246-248	Effect 81
		249-255	No Function
14	SPEED	000-255	Effect speed from slow to fast
15	SETTINGS	000-005	Tungsten mode off (Hold 3s)
		006-010	Tungsten mode on (Hold 3s)
		011-015	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 off
		096-105	Dimmer speed mode 1
		106-115	Dimmer speed mode 2
		116-125	Dimmer speed mode 3
		126-135	No Function
		136-145	Led Freq. 800Hz
		146-155	Led Freq. 1200Hz
		156-165	Led Freq. 2000Hz
		166-175	Led Freq. 3600Hz
		176-185	Led Freq. 6000Hz
		186-195	Led Freq. 15KHz
		196-255	No Function

18 CHANNELS

CHANNELS	FUNCTION	VALUE	DESCRIPTION
1	MASTER DIMMER	000-255	Beam Master Dimmer 0-100%
2	DIMMER FINE	000-255	Beam Dimmer Fine 0-100%
3	AMBER	000-255	Dimmer Amber 0-100%
4	AURA DIMMER	000-255	Aura Dimmer 0-100%
5	BEAM STROBE DURATION	000-005	Strobe open
		006-250	Strobe duration from slow to fast (When the value of 6CH is 128-250)
		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 (When the value of 8CH is 128-250)
		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	AURA RED	000-255	Aura Dimmer Red 0-100%
10	AURA GREEN	000-255	Aura Dimmer Green 0-100%
11	AURA BLUE	000-255	Aura Dimmer Blue 0-100%
12	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
13	AURA FOREGROUND DIMMER	000-255	Aura foreground dimmer 0-100%
14	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
15	AURA BACKGROUND DIMMER	000-255	Aura background dimmer 0-100%
16	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
17	SPEED	000-255	Aura Effect speed from slow to fast
18	SETTINGS	000-005	Tungsten mode off (Hold 3s)
		006-010	Tungsten mode on (Hold 3s)
		011-015	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 off
		096-105	Dimmer speed mode 1
		106-115	Dimmer speed mode 2
		116-125	Dimmer speed mode 3
		126-135	No Function
		136-145	Led Freq. 800Hz
		146-155	Led Freq. 1200Hz
		156-165	Led Freq. 2000Hz
		166-175	Led Freq. 3600Hz
		176-185	Led Freq. 6000Hz
		186-195	Led Freq. 15KHz
		196-255	No Function

112 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	WARM WHITE	000-255	Dimmer Warm White 0-100%
4	AMBER	000-255	Dimmer Amber 0-100%
4	RED	000-255	Segment 1 Aura Dimmer Red 0-100%

5	GREEN	000-255	Segment 1 Aura Dimmer Green 0-100%
6	BLUE	000-255	Segment 1 Aura Dimmer Blue 0-100%
.....			
110	RED	000-255	Segment 36 Aura Dimmer Red 0-100%
111	GREEN	000-255	Segment 36 Aura Dimmer Green 0-100%
112	BLUE	000-255	Segment 36 Aura Dimmer Blue 0-100%

123 CHANNELS

CHANNELS	FUNCTION	VALUE	DESCRIPTION
1	MASTER DIMMER	000-255	Master Dimmer 0-100%
2	WARM WHITE	000-255	Dimmer Warm White 0-100%
3	AMBER	000-255	Dimmer Amber 0-100%
4	AURA DIMMER	000-255	Aura Dimmer 0-100%
5	BEAM STROBE DURATION	000-005	Strobe open
		006-250	Strobe duration from slow to fast (When the value of 6CH is 128-250)
		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 (When the value of 8CH is 128-250)
		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	Segment 1 Aura Dimmer Red 0-100%
10	GREEN	000-255	Segment 1 Aura Dimmer Green 0-100%
11	BLUE	000-255	Segment 1 Aura Dimmer Blue 0-100%
.....			
114	RED	000-255	Segment 36 Aura Dimmer Red 0-100%
115	GREEN	000-255	Segment 36 Aura Dimmer Green 0-100%
116	BLUE	000-255	Segment 36 Aura Dimmer Blue 0-100%
117	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
117	AURA FOREGROUND COLOUR MACRO	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
118	AURA FOREGROUND DIMMER	000-255	Aura foreground dimmer 0-100%
119	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
120	AURA BACKGROUND DIMMER	000-255	Aura background dimmer 0-100%
121	AURA EFFECT	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
122	SPEED	000-255	Aura Effect speed from slow to fast
123	SETTINGS	000-005	Tungsten mode off (Hold 3s)
		006-010	Tungsten mode on (Hold 3s)
		011-015	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 off
		096-105	Dimmer speed mode 1
		106-115	Dimmer speed mode 2
		116-125	Dimmer speed mode 3
		126-135	No Function
		136-145	Led Freq. 800Hz
		146-155	Led Freq. 1200Hz
123	SETTINGS	156-165	Led Freq. 2000Hz
		166-175	Led Freq. 3600Hz
		176-185	Led Freq. 6000Hz
		186-195	Led Freq. 15KHz
		196-255	No Function



BEAMZ

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YOUR SKILLS
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