



151.533 V1.0

NEUTRON-ATOM QUICK **START** GUIDE

CONTROL MENU

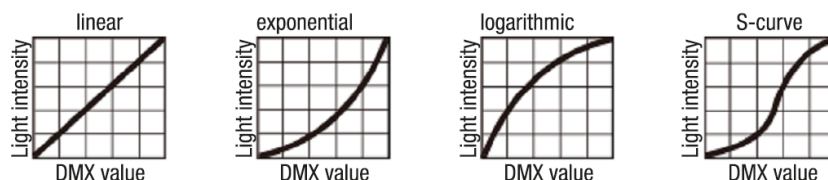
If the display is in standby, unlock it



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	000-255		Option to adjust the dimmer speed		
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				
SYSTEM INFO	FIRMWARE	Software Ver.	Vxxxx		

ERROR INFO	Led Sensor	Error/OK
TEMPERATURE	Temp	xxxC
	Temp Unit	Fahrenheit
		Celsius
TIME INFO	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 On
		006-010	Tungsten Off
		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. 25KHz
	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 On
		006-010	Tungsten Off
		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. 25KHz
		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
		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	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 On
		006-010	Tungsten Off
		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. 25KHz
		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
		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	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 On
		006-010	Tungsten Off
		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. 25KHz
		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
		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	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 On
		006-010	Tungsten Off
		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

123	SETTINGS	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. 25KHz
		196-255	No Function



BEAMZ

YOUR FUTURE
YOUR SKILLS
YOUR PLATFORM
YOUR PARTY
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