



BEAMZ
MADE
EAZY

V1.3
153.305

BS1100IP MKII QUICK **START** GUIDE

CONTROL MENU

MENU			DESCRIPTION
SETUP	DMXAddr	001-512	DMX address setting
	Hold	Yes	Last command is held by DMX signal interruption
		No	Enables blackout by DMX signal interruption
MODE	Run Mode	DMX	
		Manual	
		AUTO	
	Channel	04/17/39/61/69/105/129/141/321	
MANUAL	Dimmer	000-255	
	RGBW Strobe	010-255	Strobe from slow to fast
	Red	000-255	Dimming red
	Green	000-255	Dimming green
	Blue	000-255	Dimming blue
	White	000-255	Dimming white
	RGB Mode	003-255	RGB macro function(View chart-1)
	RGB Speed	000-127	RGB macro speed from slow to fast (forward direction)
		128-255	RGB macro speed from slow to fast (Opposite direction)
	Colorful	000-255	Color macro function (value>67)
	W Mode	004-255	White tube macro function(View chart-2)
	W Speed	000-127	White tube macro speed from slow to fast (forward direction)
		128-255	White tube macro speed from slow to fast (Opposite direction)
	RGBW Mode	000-255	RGB+W macro function(RGB based on chart-1, White based on chart-2)
	RGBW Speed	000-127	RGBW macro speed from slow to fast(forward direction)
		128-255	RGBW macro speed from slow to fast (Opposite direction)
	Back Color	000-255	Background color match RGB macro function and RGBW
	Back Dimmer	000-255	Dimming background color
	Char	000-255	Character (View chart-3)
	Direction	000-255	Direction for character
DISPLAY	Reverse	YES/NO	Display rotation
	Backlight	YES/NO	Display sleep
	Version	XXXX	Software version
FACTORY	xxx	Factory default setting	

DMX CHANNELS

4CHANNELS

CHANNEL	VALUE	DESCRIPTION
1	000-255	Red dimming
2	000-255	Green dimming
3	000-255	Blue dimming
4	000-255	White dimming

17CHANNELS

CHANNEL	VALUE	DESCRIPTION
1	000-255	Master dimmer
2	000-009	No function
	010-255	Strobe from slow to fast
3	000-255	Dimming red
4	000-255	Dimming green
5	000-255	Dimming blue
6	000-255	Dimming white
7	000-002	No function
	003-255	RGB mode (View chart-1)
8	000-127	Speed for CH7 from slow to fast (forward direction)
	128-255	Speed for CH7 from slow to fast (Opposite direction)
9	000-255	Color macro function for CH7 (value>67)
10	000-003	No function
	004-255	White tube macro function(View chart-2)
11	000-127	Speed for CH10 from slow to fast (forward direction)
	128-255	Speed for CH10 from slow to fast (Opposite direction)
12	000-002	No function
	003-255	RGB mode (View chart-1)
13	000-127	Speed for CH12 from slow to fast (forward direction)
	128-255	Speed for CH12 from slow to fast (Opposite direction)
14	000-003	No function
	004-255	Background color(match CH7 and CH12 enable color macro function)
15	000-255	Dimming for background color
16	000-255	Static character for CH17 (View chart-3)
17	000-063	Forward direction X
	064-127	Opposite direction X
	128-191	Forward direction Y
	192-255	Opposite direction Y

39 CHANNELS

CHANNEL	VALUE	DESCRIPTION
1	000-255	Master dimmer
2	000-009	No function
	010-255	Strobe from slow to fast
3	000-255	Dimming red
4	000-255	Dimming green
5	000-255	Dimming blue
6	000-255	Dimming white
7	000-002	No function
	003-255	RGB mode (View chart-1)
8	000-127	Speed for CH7 from slow to fast (forward direction)

		128-255	Speed for CH7 from slow to fast (Opposite direction)
9		000-255	Color macro function for CH7 (value>67)
10		000-003	No function
		004-255	White tube macro function(View chart-2)
11		000-127	Speed for CH10 from slow to fast (forward direction)
		128-255	Speed for CH10 from slow to fast (Opposite direction)
12		000-002	No function
		003-255	RGB mode (View chart-1)
13		000-127	Speed for CH12 from slow to fast (forward direction)
		128-255	Speed for CH12 from slow to fast (Opposite direction)
14		000-003	No function
		004-255	Background color(match CH7 and CH12 enable color macro function)
15		000-255	Dimming for background color
16		000-255	Static character for CH17 (View chart-3)
17		000-063	Forward direction X
		064-127	Opposite direction X
		128-191	Forward direction Y
		192-255	Opposite direction Y
18	4 section white, master dimmer by CH1 and CH6	002-255	Dimming white-1 (001-002 no function)
19		002-255	Dimming white-2 (001-002 no function)
20		002-255	Dimming white-3 (001-002 no function)
21		002-255	Dimming white-4 (001-002 no function)
22	6 section RGB	002-255	Dimming red-1 (001-002 no function)
23		002-255	Dimming green-1 (001-002 no function)
24		002-255	Dimming blue-1 (001-002 no function)
25		002-255	Dimming red-2 (001-002 no function)
26	Red dimmer by CH1 and CH3	002-255	Dimming green-2 (001-002 no function)
27	Green dimmer by CH1 and CH4	002-255	Dimming blue-2 (001-002 no function)
.....			
37	Blue dimmer by CH1 and CH5	002-255	Dimming red-6 (001-002 no function)
38		002-255	Dimming green-6 (001-002 no function)
39		002-255	Dimming blue-6 (001-002 no function)

61 CHANNELS

CHANNEL	VALUE	DESCRIPTION
1	000-255	Master dimmer
2	000-009	No function
	010-255	Strobe from slow to fast
3	000-255	Dimming red
4	000-255	Dimming green
5	000-255	Dimming blue
6	000-255	Dimming white
7	000-002	No function
	003-255	RGB mode (View chart-1)
8	000-127	Speed for CH7 from slow to fast (forward direction)
	128-255	Speed for CH7 from slow to fast (Opposite direction)
9	000-255	Color macro function for CH7 (value>67)
10	000-003	No function
	004-255	White tube macro function(View chart-2)
11	000-127	Speed for CH10 from slow to fast (forward direction)
	128-255	Speed for CH10 from slow to fast (Opposite direction)
12	000-002	No function

		003-255	RGB mode (View chart-1)
13		000-127	Speed for CH12 from slow to fast (forward direction)
		128-255	Speed for CH12 from slow to fast (Opposite direction)
14		000-003	No function
		004-255	Background color(match CH7 and CH12 enable color macro function)
15		000-255	Dimming for background color
16		000-255	Static character for CH17 (View chart-3)
17		000-063	Forward direction X
		064-127	Opposite direction X
		128-191	Forward direction Y
		192-255	Opposite direction Y
18	8 section white, master dimmer by CH1 and CH6	002-255	Dimming white-1 (001-002 no function)
19		002-255	Dimming white-2 (001-002 no function)
.....			
25		002-255	Dimming white-8 (001-002 no function)
22	12 section RGB	002-255	Dimming red-1 (001-002 no function)
23		002-255	Dimming green-1 (001-002 no function)
24		002-255	Dimming blue-1 (001-002 no function)
25		002-255	Dimming red-2 (001-002 no function)
26	Red dimmer by CH1 and CH3	002-255	Dimming green-2 (001-002 no function)
27	Green dimmer by CH1 and CH4	002-255	Dimming blue-2 (001-002 no function)
.....			
59	Blue dimmer by CH1 and CH5	002-255	Dimming red-12 (001-002 no function)
60		002-255	Dimming green-12 (001-002 no function)
61		002-255	Dimming blue-12 (001-002 no function)

69 CHANNELS

CHANNEL	VALUE	DESCRIPTION
1	000-255	Master dimmer
2	000-009	No function
	010-255	Strobe from slow to fast
3	000-255	Dimming red
4	000-255	Dimming green
5	000-255	Dimming blue
6	000-255	Dimming white
7	000-002	No function
	003-255	RGB mode (View chart-1)
8	000-127	Speed for CH7 from slow to fast (forward direction)
	128-255	Speed for CH7 from slow to fast (Opposite direction)
9	000-255	Color macro function for CH7 (value>67)
10	000-003	No function
	004-255	White tube macro function(View chart-2)
11	000-127	Speed for CH10 from slow to fast (forward direction)
	128-255	Speed for CH10 from slow to fast (Opposite direction)
12	000-002	No function
	003-255	RGB mode (View chart-1)
13	000-127	Speed for CH12 from slow to fast (forward direction)
	128-255	Speed for CH12 from slow to fast (Opposite direction)
14	000-003	No function
	004-255	Background color(match CH7 and CH12 enable color macro function)
15	000-255	Dimming for background color
16	000-255	Static character for CH17 (View chart-3)

17		000-063	Forward direction X
		064-127	Opposite direction X
		128-191	Forward direction Y
		192-255	Opposite direction Y
18	16 section white, master dimmer by CH1 and CH6	002-255	Dimming white-1 (001-002 no function)
19		002-255	Dimming white-2 (001-002 no function)
.....			
33		002-255	Dimming white-16 (001-002 no function)
32	12 section RGB	002-255	Dimming red-1 (001-002 no function)
33		002-255	Dimming green-1 (001-002 no function)
34		002-255	Dimming blue-1 (001-002 no function)
35		002-255	Dimming red-2 (001-002 no function)
36	Red dimmer by CH1 and CH3	002-255	Dimming green-2 (001-002 no function)
37		002-255	Dimming blue-2 (001-002 no function)
.....			
67		002-255	Dimming red-12 (001-002 no function)
68	Blue dimmer by CH1 and CH5	002-255	Dimming green-12 (001-002 no function)
69		002-255	Dimming blue-12 (001-002 no function)

105 CHANNELS

CHANNEL		VALUE	DESCRIPTION
1		000-255	Master dimmer
2		000-009	No function
		010-255	Strobe from slow to fast
3		000-255	Dimming red
4		000-255	Dimming green
5		000-255	Dimming blue
6		000-255	Dimming white
7		000-002	No function
		003-255	RGB mode (View chart-1)
8		000-127	Speed for CH7 from slow to fast (forward direction)
		128-255	Speed for CH7 from slow to fast (Opposite direction)
9		000-255	Color macro function for CH7 (value>67)
10		000-003	No function
		004-255	White tube macro function(View chart-2)
11		000-127	Speed for CH10 from slow to fast (forward direction)
		128-255	Speed for CH10 from slow to fast (Opposite direction)
12		000-002	No function
		003-255	RGB mode (View chart-1)
13		000-127	Speed for CH12 from slow to fast (forward direction)
		128-255	Speed for CH12 from slow to fast (Opposite direction)
14		000-003	No function
		004-255	Background color(match CH7 and CH12 enable color macro function)
15		000-255	Dimming for background color
16		000-255	Static character for CH17 (View chart-3)
17		000-063	Forward direction X
		064-127	Opposite direction X
		128-191	Forward direction Y
		192-255	Opposite direction Y
18	16 section white, master dimmer by CH1 and CH6	002-255	Dimming white-1 (001-002 no function)
19		002-255	Dimming white-2 (001-002 no function)
.....			

33		002-255	Dimming white-16 (001-002 no function)
34		002-255	Dimming red-1 (001-002 no function)
35	24 section RGB	002-255	Dimming green-1 (001-002 no function)
36		002-255	Dimming blue-1 (001-002 no function)
37	Red dimmer by CH1 and CH3	002-255	Dimming red-2 (001-002 no function)
38		002-255	Dimming green-2 (001-002 no function)
39	Green dimmer by CH1 and CH4	002-255	Dimming blue-2 (001-002 no function)
.....			
103		002-255	Dimming red-24 (001-002 no function)
104	Blue dimmer by CH1 and CH5	002-255	Dimming green-24 (001-002 no function)
105		002-255	Dimming blue-24 (001-002 no function)

129CHANNELS

CHANNEL	VALUE	DESCRIPTION
1	000-255	Master dimmer
2	000-009	No function
	010-255	Strobe from slow to fast
3	000-255	Dimming red
4	000-255	Dimming green
5	000-255	Dimming blue
6	000-255	Dimming white
7	000-002	No function
	003-255	RGB mode (View chart-1)
8	000-127	Speed for CH7 from slow to fast (forward direction)
	128-255	Speed for CH7 from slow to fast (Opposite direction)
9	000-255	Color macro function for CH7 (value>67)
10	000-003	No function
	004-255	White tube macro function(View chart-2)
11	000-127	Speed for CH10 from slow to fast (forward direction)
	128-255	Speed for CH10 from slow to fast (Opposite direction)
12	000-002	No function
	003-255	RGB mode (View chart-1)
13	000-127	Speed for CH12 from slow to fast (forward direction)
	128-255	Speed for CH12 from slow to fast (Opposite direction)
14	000-003	No function
	004-255	Background color(match CH7 and CH12 enable color macro function)
15	000-255	Dimming for background color
16	000-255	Static character for CH17 (View chart-3)
17	000-063	Forward direction X
	064-127	Opposite direction X
	128-191	Forward direction Y
	192-255	Opposite direction Y
18	002-255	Dimming white-1(Master dimmer by CH1, dimming by CH6)
19	002-255	Dimming white-2(Master dimmer by CH1, dimming by CH6)
20	002-255	Dimming white-3(Master dimmer by CH1, dimming by CH6)
.....		
33	002-255	Dimming white-16(Master dimmer by CH1, dimming by CH6)
34	002-255	Dimming R/G/B-1(Master dimmer by CH1, dimming color by CH3/CH4/CH5)
35	002-255	Dimming R/G/B-2(Master dimmer by CH1, dimming color by CH3/CH4/CH5)
36	002-255	Dimming R/G/B-3(Master dimmer by CH1, dimming color by CH3/CH4/CH5)
37	002-255	Dimming R/G/B-4(Master dimmer by CH1, dimming color by CH3/CH4/CH5)
38	002-255	Dimming R/G/B-5(Master dimmer by CH1, dimming color by CH3/CH4/CH5)

.....		
129	002-255	Dimming R/G/B-32(Master dimmer by CH1, dimming color by CH3/CH4/CH5)

141 CHANNELS

CHANNEL	VALUE	DESCRIPTION
1	000-255	Master dimmer
2	000-009	No function
	010-255	Strobe from slow to fast
3	000-255	Dimming red
4	000-255	Dimming green
5	000-255	Dimming blue
6	000-255	Dimming white
7	000-002	No function
	003-255	RGB mode (View chart-1)
8	000-127	Speed for CH7 from slow to fast (forward direction)
	128-255	Speed for CH7 from slow to fast (Opposite direction)
9	000-255	Color macro function for CH7 (value>67)
10	000-003	No function
	004-255	White tube macro function(View chart-2)
11	000-127	Speed for CH10 from slow to fast (forward direction)
	128-255	Speed for CH10 from slow to fast (Opposite direction)
12	000-002	No function
	003-255	RGB mode (View chart-1)
13	000-127	Speed for CH12 from slow to fast (forward direction)
	128-255	Speed for CH12 from slow to fast (Opposite direction)
14	000-003	No function
	004-255	Background color(match CH7 and CH12 enable color macro function)
15	000-255	Dimming for background color
16	000-255	Static character for CH17 (View chart-3)
17	000-063	Forward direction X
	064-127	Opposite direction X
	128-191	Forward direction Y
	192-255	Opposite direction Y
18	002-255	Dimming white-1 (001-002 no function)
19	002-255	Dimming white-2 (001-002 no function)
.....		
33	002-255	Dimming white-16 (001-002 no function)
34	002-255	Dimming red-1 (001-002 no function)
35	002-255	Dimming green-1 (001-002 no function)
36	002-255	Dimming blue-1 (001-002 no function)
37	002-255	Dimming red-2 (001-002 no function)
38	002-255	Dimming green-2 (001-002 no function)
39	002-255	Dimming blue-2 (001-002 no function)
.....		
139	002-255	Dimming red-36 (001-002 no function)
140	002-255	Dimming green-36 (001-002 no function)
141	002-255	Dimming blue-36 (001-002 no function)

321 CHANNELS

CHANNEL	VALUE	DESCRIPTION
1	000-255	Master dimmer
2	000-009	No function
	010-255	Strobe from slow to fast
3	000-255	Dimming red
4	000-255	Dimming green
5	000-255	Dimming blue
6	000-255	Dimming white
7	000-002	No function
	003-255	RGB mode (View chart-1)
8	000-127	Speed for CH7 from slow to fast (forward direction)
	128-255	Speed for CH7 from slow to fast (Opposite direction)
9	000-255	Color macro function for CH7 (value>67)
10	000-003	No function
	004-255	White tube macro function(View chart-2)
11	000-127	Speed for CH10 from slow to fast (forward direction)
	128-255	Speed for CH10 from slow to fast (Opposite direction)
12	000-002	No function
	003-255	RGB mode (View chart-1)
13	000-127	Speed for CH12 from slow to fast (forward direction)
	128-255	Speed for CH12 from slow to fast (Opposite direction)
14	000-003	No function
	004-255	Background color(match CH7 and CH12 enable color macro function)
15	000-255	Dimming for background color
16	000-255	Static character for CH17 (View chart-3)
17	000-063	Forward direction X
	064-127	Opposite direction X
	128-191	Forward direction Y
	192-255	Opposite direction Y
18	002-255	Dimming white-1 (001-002 no function)
19	002-255	Dimming white-2 (001-002 no function)
.....		
33	002-255	Dimming white-16 (001-002 no function)
34	002-255	Dimming red-1 (001-002 no function)
35	002-255	Dimming green-1 (001-002 no function)
36	002-255	Dimming blue-1 (001-002 no function)
37	002-255	Dimming red-2 (001-002 no function)
38	002-255	Dimming green-2 (001-002 no function)
39	002-255	Dimming blue-2 (001-002 no function)
.....		
319	002-255	Dimming red-96 (001-002 no function)
320	002-255	Dimming green-96 (001-002 no function)
321	002-255	Dimming blue-96 (001-002 no function)

CHART-1

CH7 Value	Function	CH7 Value	Function
000 - 002	No function	129 - 131	Macro 43
003 - 005	Macro 1	132 - 134	Macro 44
006 - 008	Macro 2	135 - 137	Macro 45
009 - 011	Macro 3	138 - 140	Macro 46
012 - 014	Macro 4	141 - 143	Macro 47
015 - 017	Macro 5	144 - 146	Macro 48
018 - 020	Macro 6	147 - 149	Macro 49
021 - 023	Macro 7	150 - 152	Macro 50
024 - 026	Macro 8	153 - 155	Macro 51
027 - 029	Macro 9	156 - 158	Macro 52
030 - 032	Macro 10	159 - 161	Macro 53
033 - 035	Macro 11	162 - 164	Macro 54
036 - 038	Macro 12	165 - 167	Macro 55
039 - 041	Macro 13	168 - 170	Macro 56
042 - 044	Macro 14	171 - 173	Macro 57
045 - 047	Macro 15	174 - 176	Macro 58
048 - 050	Macro 16	177 - 179	Macro 59
051 - 053	Macro 17	180 - 182	Macro 60
054 - 056	Macro 18	183 - 185	Macro 61
057 - 059	Macro 19	186 - 188	Macro 62
060 - 062	Macro 20	189 - 191	Macro 63
063 - 065	Macro 21	192 - 194	Macro 64
066 - 068	Macro 22	195 - 197	Macro 65
069 - 071	Macro 23	198 - 200	Macro 66
072 - 074	Macro 24	201 - 203	Macro 67
075 - 077	Macro 25	204 - 206	Macro 68
078 - 080	Macro 26	207 - 209	Macro 69
081 - 083	Macro 27	210 - 212	Macro 70
084 - 086	Macro 28	213 - 215	Macro 71
087 - 089	Macro 29	216 - 218	Macro 72
090 - 092	Macro 30	219 - 221	Macro 73
093 - 095	Macro 31	222 - 224	Macro 74
096 - 098	Macro 32	225 - 227	Macro 75
099 - 101	Macro 33	228 - 230	Macro 76
102 - 104	Macro 34	231 - 233	Macro 77
105 - 107	Macro 35	234 - 236	Macro 78
108 - 110	Macro 36	237 - 239	Macro 79
111 - 113	Macro 37	240 - 255	Multi-Macro
114 - 116	Macro 38		
117 - 119	Macro 39		
120 - 122	Macro 40		
123 - 125	Macro 41		
126 - 128	Macro 42		

CHART-2

CH10	Function	CH10	Function
000 - 003	No function	128 - 131	Macro 32
004 - 007	Macro 1	132 - 135	Macro 33
008 - 011	Macro 2	136 - 139	Macro 34
012 - 015	Macro 3	140 - 143	Macro 35
016 - 019	Macro 4	144 - 147	Macro 36
020 - 023	Macro 5	148 - 151	Macro 37
024 - 027	Macro 6	152 - 155	Macro 38
028 - 031	Macro 7	156 - 159	Macro 39
032 - 035	Macro 8	160 - 163	Macro 40
036 - 039	Macro 9	164 - 167	Macro 41
040 - 043	Macro 10	168 - 171	Macro 42
044 - 047	Macro 11	172 - 175	Macro 43
048 - 051	Macro 12	176 - 179	Macro 44
052 - 055	Macro 13	180 - 183	Macro 45
056 - 059	Macro 14	184 - 187	Macro 46
060 - 063	Macro 15	188 - 191	Macro 47
064 - 067	Macro 16	192 - 195	Macro 48
068 - 071	Macro 17	196 - 199	Macro 49
072 - 075	Macro 18	200 - 203	Macro 50
076 - 079	Macro 19	204 - 207	Macro 51
080 - 083	Macro 20	208 - 211	Macro 52
084 - 087	Macro 21	212 - 215	Macro 53
088 - 091	Macro 22	216 - 219	Macro 54
092 - 095	Macro 23	220 - 223	Macro 55
096 - 099	Macro 24	224 - 227	Macro 56
100 - 103	Macro 25	228 - 231	Macro 57
104 - 107	Macro 26	232 - 235	Macro 58
108 - 111	Macro 27	236 - 239	Macro 59
112 - 115	Macro 28	240 - 243	Macro 60
116 - 119	Macro 29	244 - 247	Macro 61
120 - 123	Macro 30	248 - 251	Macro 62
124 - 127	Macro 31	252 - 255	Multi-Macro

CH16 Value	character
008 - 013	0
014 - 019	1
020 - 025	2
026 - 031	3
032 - 037	4
038 - 043	5
044 - 049	6
050 - 055	7
056 - 061	8
062 - 067	9
068 - 073	A
074 - 079	B
080 - 085	C
086 - 091	D
092 - 097	E
098 - 103	F
104 - 109	G
110 - 115	H
116 - 121	I
122 - 127	J
128 - 133	K
134 - 139	L

140 - 145	M
146 - 151	N
152 - 157	O
158 - 163	P
164 - 169	Q
170 - 175	R
176 - 181	S
182 - 187	T
188 - 193	U
194 - 199	V
200 - 205	W
206 - 211	X
212 - 217	Y
218 - 223	Z
224 - 229	+
230 - 235	-
236 - 241	x
242 - 247	÷
248 - 253	%
254 - 255	!

The products referred to in this manual conform to the European Community Directives to which they are subject:

Tronios B.V.,
Bedrijvenpark Twente Noord 18,
7602KR Almelo, The Netherlands

2014/35/EU
2014/30/EU
2011/65/EC



Tronios Ltd.,
130 Harley Street,
London W1G 7JU, United Kingdom

S.I. 2016:1101
S.I. 2016:1091
S.I. 2012:3032

