ST-3810P RGB-IN-1 PIXEL USER MANUAL

TECHNICAL PARAMETER

RGB Infinite color mixing possibility

LED QTY: 38pcs*10W 3in1 LED　（RGB）

Voltage: 95V-265V，50-60Hz

MAX Power: 12V,150W

Output distance:10meters

Beam angle:45degrees

Cover: Black color

Lifetime:60,000100,000hours

Control mode: Work Auto, Voice active, Master/Slave,DMX512

LED Control panel

DMX Channels: 12CH,114CH,116CH,122CH/

Packing Size: 100*5*17 cm

Gross Weight:3 KGS

ADDR	d.(001-512)	
AUTO	At.01	SP.(01-16)
	At.02	
	…	
	At.06	
	At.07	
SOUD	SOD.1	SP.(01-09)
	SOD.2	
CH	CH12	
	C114	
	C116	
	C122	
TEST	LED	
VER	V001	

DMX 512

12CH	Function	DMX Value	Description
1	Dimmer	0-255	0-100%
2	Strobe	0-19	No Effect
		20-255	Strobe slow to fast
3	Red	0-255	0-100%
4	Green	0-255	0-100%
5	Blue	0-255	0-100%
6	Color Macro	0-10	No Function
		11-30	R 100%,G 50-100-50%,B 0
		31-50	R 100%-0,G 100%, B,0
		51-70	R 0,G 100%,B 0-100%
		71-90	R 0,G 100%-0,B 100%
		91-110	R 0-100%, G 0, B 100%
		111-130	R 100%,G 0, B 100%-0
		131-150	R 100% ,G 0-100% ,B 0-100%
		151-170	R 100%-0 , G 100%-0 , B 100%
		171-200	R 100%,G 100%, B 100%
		201-205	Color 1
		206-210	Color 2
		211-215	Color 3
		216-220	Color 4
		221-225	Color 5
		226-230	Color 6
		231-235	Color 7
		236-240	Color 8
		241-245	Color 9
		246-250	Color 10
		251-255	Color 11
7	Background	0-10	No Function
		11-255	Background Color
8	Background Dimmer	0-255	0-100%

		0-10	No Function
		11-15	Show1
		16-20	Show2
		21-25	Show3
		26-30	Show4
		31-35	Show5
		36-40	Show6
		41-45	Show7
		46-50	Show8
		51-55	Show9
		56-60	Show10
		61-65	Show11
		66-70	Show12
		71-75	Show13
		76-80	Show14
		81-85	Show15
9	Show	86-90	Show16
		91-95	Show17
		96-100	Show18
		101-105	Show19
		106-110	Show20
		111-115	Show21
		116-120	Show22
		121-125	Show23
		126-130	Show24
		131-135	Show25
		136-140	Show26
		141-145	Show27
		146-150	Show28
		151-155	Show29
		156-160	Show30
		161-165	Show31
		166-170	Show32

		171-175	Show33
		176-180	Show34
		181-185	Show35
		186-190	Show36
		191-195	Show37
		196-200	Show38
		201-205	Show39
		206-210	Show40
		211-215	Show41
		216-220	Show42
		221-225	Show43
		226-230	Show44
		231-235	Show45
		236-245	Sound1
		246-255	Sound2
10	Show Speed	0-255	Show Speed Slow to Fast
11	Show Step	0-255	Show Step Long to Short

114CH	Function	DMX Value	Description
1	Red1	0-255	0-100%
2	Green1	0-255	0-100%
3	Blue1	0-255	0-100%
4	Red2	0-255	0-100%
5	Green2	0-255	0-100%
6	Blue2	0-255	0-100%
. . .	. . . . . .	. . .	. . .
109	Red37	0-255	0-100%
110	Green37	0-255	0-100%
111	Blue37	0-255	0-100%
112	Red38	0-255	0-100%
113	Green38	0-255	0-100%
114	Blue38	0-255	0-100%

116CH	Function	DMX Value	Description
1	Dimmer	0-255	0-100%
2	Strobe	0-19	No Effect
		20-255	Strobe slow to fast
3	Red1	0-255	0-100%
4	Green1	0-255	0-100%
5	Blue1	0-255	0-100%
6	Red2	0-255	0-100%
7	Green2	0-255	0-100%
8	Blue2	0-255	0-100%
...	......	...	...
111	Red37	0-255	0-100%
112	Green37	0-255	0-100%
113	Blue37	0-255	0-100%
114	Red38	0-255	0-100%
115	Green38	0-255	0-100%
116	Blue38	0-255	0-100%

122CH	Function	DMX Value	Description
1	Dimmer	0-255	0-100%
2	Strobe	0-19	No Effect
		20-255	Strobe slow to fast
3	Red1	0-255	0-100%
4	Green1	0-255	0-100%
5	Blue1	0-255	0-100%
6	Red2	0-255	0-100%
7	Green2	0-255	0-100%
8	Blue2	0-255	0-100%
...	......	...	...
111	Red37	0-255	0-100%
112	Green37	0-255	0-100%
113	Blue37	0-255	0-100%

114	Red38	0-255	0-100%
115	Green38	0-255	0-100%
116	Blue38	0-255	0-100%
117	Color Macro	0-10	No Function
		11-30	R 100%,G 50-100-50%,B 0
		31-50	R 100%-0,G 100%, B,0
		51-70	R 0,G 100%,B 0-100%
		71-90	R 0,G 100%-0,B 100%
		91-110	R 0-100%, G 0, B 100%
		111-130	R 100%,G 0, B 100%-0
		131-150	R 100% ,G 0-100% ,B 0-100%
		151-170	R 100%-0 , G 100%-0 , B 100%
		171-200	R 100%,G 100%, B 100%
		201-205	Color 1
		206-210	Color 2
		211-215	Color 3
		216-220	Color 4
		221-225	Color 5
		226-230	Color 6
		231-235	Color 7
		236-240	Color 8
		241-245	Color 9
		246-250	Color 10
		251-255	Color 11
118	Background	0-10	No Function
		11-255	Background Color
119	Background Dimmer	0-255	0-100%
120	Show	0-10	No Function
		11-24	Show1
		25-38	Show2
		39-52	Show3
		53-66	Show4
		67-80	Show5

		81-94	Show6
		95-108	Show7
		109-122	Show8
		123-136	Show9
		137-150	Show10
		151-164	Show11
		165-178	Show12
		179-192	Show13
		193-206	Show14
		207-220	Show15
		221-234	Show16
		235-248	Show17
		249-255	Show18
121	Show Speed	0-255	Show Speed Slow to Fast
122	Show Step	0-255	Show Step Long toShort