

UPC-054A : RGN LED STAGE LIGHTING SPECIFICATION

(A) Specification

Voltage	DC 48V
Output Voltage	G, B channel : 40~44V R, W, W channel: 30 ~ 34V
Output Current	850mA +/- 5%
Environment Temperature	- 20°C ~ 60°C
PWM Refresh Rate	312.5 Hz
Gray Bit	10Bit
User Input Interface	4 key + 7 display
Control Signal	DMX512
DMX initial/default Setting	Yes
Manual Color Key in	Yes
Built-in fixed color	14 groups
Built-in changeable Lighting Effects	10 groups
Built-in Auto Speed.....	10 Segments
DMX CH Mode	One type
Strobe(Shutter)	1-20Hz
Temperature Protection	Yes (brightness down to 25% when over 80°C.)
Display	Red Color
Touch Button	12mm
Thermal sensor	Operating at -40~ 12°C 5



(B) 9 Channel Control

Channel	Name	Value	Function
CH1	Dimmer	0	All Light Off
		1-255	Dimmer 1 ~ 255 levels
CH2	Shutter	0 → 10	Flash off
		11 → 20	one Flash / second
		21 → 30	Two Flash per second
		31 → 40	Three flash / second
		
		191 → 200	19 Flashes / second
		201 → 255	20 Flashes/ second
CH3	Static Color	0 → 10	No function
		11 → 30	Red 100%
		31 → 50	Green100%
		51 → 70	Blue 100%
		71 → 90	Red 100% , Green 100%
		91 → 110	Green 100%, Blue 100%
		111 → 130	Red 100% , Blue 100%
		131 → 150	Red100%, Green 100%, Blue 100%
		151 → 170	White100%
		171 → 190	White 3200K
		191 → 210	White 5600K
		211 → 230	White 6500K
		231 → 250	White 8500K
251 → 255	White 10000K		
CH4	Auto Color	0 → 40	Off (no function)
		41 → 60	Built in Auto Light Effect#1
		61 → 80	Built-in Auto Light Effect#2
		81 → 100	Built-in Auto Light Effect#3
		101 → 120	Built-in Auto Light Effect#4
		121 → 140	Built-in Auto Light Effect#5
		141 → 160	Built-in Auto Light Effect#6
		161 → 180	Built-in Auto Light Effect#7
		181 → 200	Built-in Auto Light Effect#8
		201 → 220	Built-in Auto Light Effect#9

		221 → 255	Built-in Auto Light Effect#10
CH5	Auto Speed	0 → 40	Auto Speed 0 (Slowest)
		41 → 60	Auto Speed 1
		61 → 80	Auto Speed 2
		81 → 100	Auto Speed 3
		101 → 120	Auto Speed 4
		121 → 140	Auto Speed 5
		141 → 160	Auto Speed 6
		161 → 180	Auto Speed 7
		181 → 200	Auto Speed 8
		201 → 255	Auto Speed 9 (Fastest)
CH6	White	0 → 255	White Dimmer
CH7	Red	0 → 255	Red Dimmer
CH8	Green	0 → 255	Green Dimmer
CH9	Blue	0 → 255	Blue Dimmer

- (1) Channel "Auto Speed "will work only when the "Auto Color" is Active
- (2) "Auto Color "will be the prior display mode when "Auto Color" & "Static Color" is active at a time.
- (3) When "Static color" is active, the setup value in CH1(Dimmer), CH6 ~9(W,R,G,B) will be over passed.
- (4) Dimmer, Shutter, White, Red, Green and Blue in channel "Auto color " will not work