

STAGE PANEL 864 Operating Instructions

Thank you for purchasing this Rockville STAGE PANEL 864 pro stage wash light. Please read this DMX guide carefully. If you need assistance, please call our technical help line at 1-646-758-0144, 24 hours a day/7 days a week. Scan the QR code or visit the URL on the right to access how-to video(s), the owner's manual, and other important information.



rockvillesupport.com/stage-panel-864

Settings

Press the MENU button repeatedly to cycle through modes. Use the UP and DOWN buttons to scroll through the options or numerical values for that setting. Press the ENTER button to save your selection. If you press the ENTER button on any setting, the saved mode/settings/values will remain in place even after powering off the unit and will be the default when you power the unit back on.

Display Mode	Value	Description
A001	A001 – A512	Set DMX address
CH04	CH04 – CH39	Set DMX channel mode (4-channel, 11-channel, 32-channel, or 39-channel).
n000	n000 – n083	Activate built-in effects of LED panels
E000	E000 – E255	Adjust the operating speed of the LED panels built-in effects
n000	n000 – n040	Adjust built-in effects of the strobe bar
C000	C000 – C255	Adjust the operating speed of the strobe bar's built-in effects
Soud	Soud	Sound control mode
r255	r000 – r255	Red dimmer
G255	G000 – G255	Green dimmer
b255	b000 – b255	Blue dimmer
W255	W000 – W255	Strobe bar dimmer
T000		Display temperature

DMX Controls

When using a DMX controller, use the charts below to reference each channel's function.

4-Channel Mode

Channel	Function	Value	Description
1	Red	0 – 255	Adjust individual color brightness
2	Green	0 – 255	
3	Blue	0 – 255	
4	Strobe bar	0 – 255	

11-Channel Mode

Channel	Function	Value	Description
1	Master dimmer	0 – 255	Adjust overall brightness
2	LED Strobe panel	0 – 255	Set strobe speed
3	3-in-1 mode	0 – 255	Select 3-in-1 mode (see Mode Effects section)
4	3-in-1 mode speed	0 – 255	Set 3-in-1 mode speed
5	Red	0 – 255	Adjust individual background color brightness
6	Green	0 – 255	
7	Blue	0 – 255	
8	Strobe bar strobe speed	0 – 255	Set Strobe bar light strobe speed
9	Strobe bar mode	0 – 255	Select Strobe bar light mode (see Strobe Bar Effects section)
10	Strobe bar mode speed	0 – 255	Set Strobe bar light mode speed
11	Strobe bar	0 – 255	Adjust strobe bar background brightness

32-Channel Mode

Channel	Function	Value	Description
1	1 st 3-in-1 red bulb	0 – 255	Adjust 1 st 3-in-1 bulb brightness
2	1 st 3-in-1 green bulb	0 – 255	
3	1 st 3-in-1 blue bulb	0 – 255	
4	2 nd 3-in-1 red bulb	0 – 255	Adjust 2 nd 3-in-1 bulb brightness
5	2 nd 3-in-1 green bulb	0 – 255	
6	2 nd 3-in-1 blue bulb	0 – 255	
↓ ↓	↓ ↓	↓ ↓	Use the sliders between Ch7 and Ch21 to adjust the brightness of the 3-in-1 bulbs assigned to those channels.
22	8 th 3-in-1 red bulb	0 – 255	Adjust 8 th 3-in-1 bulb brightness
23	8 th 3-in-1 green bulb	0 – 255	
24	8 th 3-in-1 blue bulb	0 – 255	
25	1 st stage Strobe bar bulb	0 – 255	Adjust Strobe bar bulb brightness
26	2 nd stage Strobe bar bulb	0 – 255	
27	3 rd stage Strobe bar bulb	0 – 255	



DMX Controls

32-Channel Mode (continued)

Channel	Function	Value	Description
28	4 th stage Strobe bar bulb	0 – 255	Adjust Strobe bar bulb brightness
29	5 th stage Strobe bar bulb	0 – 255	
30	6 th stage Strobe bar bulb	0 – 255	
31	7 th stage Strobe bar bulb	0 – 255	
32	8 th stage Strobe bar bulb	0 – 255	

39-Channel Mode

Channel	Function	Value	Description
1	Master dimmer	0 – 255	Adjust overall brightness
2	3-in-1 strobe	0 – 255	Set 3-in-1 strobe speed
3	3-in-1 mode	0 – 255	Select 3-in-1 mode (see Mode Effects section). When this channel is on, Ch8 – Ch28 become null. Channels 5 (r), 6 (g), and 7 (b) become panel background LEDs.
4	3-in-1 mode speed	0 – 255	Set 3-in-1 mode speed
5	1 st 3-in-1 red bulb	0 – 255	Adjust 1 st 3-in-1 bulb brightness
6	1 st 3-in-1 green bulb	0 – 255	
7	1 st 3-in-1 blue bulb	0 – 255	
↓ ↓	↓ ↓	↓ ↓	Use the sliders between Ch8 and Ch25 to adjust the brightness of the 3-in-1 bulbs (2 nd segment – 7 th segment) assigned to those channels.
26	8 th 3-in-1 red bulb	0 – 255	Adjust 8 th 3-in-1 bulb brightness
27	8 th 3-in-1 green bulb	0 – 255	
28	8 th 3-in-1 blue bulb	0 – 255	
29	Strobe bar strobe	0 – 255	Set Strobe bar strobe speed
30	Strobe bar mode	0 – 255	Select Strobe bar mode (see Strobe Bar effects section). When this channel is on, Ch33 – Ch39 become null. Ch32 now controls the strobe bar's background brightness.
31	Strobe bar mode speed	0 – 255	Set Strobe bar mode speed
32	1 st stage Strobe bar bulb	0 – 255	Adjust Strobe bar bulb brightness
33	2 nd stage Strobe bar bulb	0 – 255	
34	3 rd stage Strobe bar bulb	0 – 255	
35	4 th stage Strobe bar bulb	0 – 255	
36	5 th stage Strobe bar bulb	0 – 255	
37	6 th stage Strobe bar bulb	0 – 255	
38	7 th stage Strobe bar bulb	0 – 255	
39	8 th stage Strobe bar bulb	0 – 255	

Mode Effects (3-in-1 LED Panels)

ID	Function	Value	Description
0	No effect	0 – 2	n/a
1	Red bulbs	3 – 5	Turn on all red bulbs
2	Green bulbs	6 – 8	Turn on all green bulbs
3	Blue bulbs	9 – 11	Turn on all blue bulbs
4	Yellow bulbs	12 – 14	Turn on all yellow bulbs
5	Pink bulbs	15 – 17	Turn on all pink bulbs
6	light blue bulbs	18 – 20	Turn on all light blue bulbs
7	White bulbs	21 – 23	Turn on all white bulbs
8	Color cycle change	24 – 26	Cycle through static colors (1 – 7)
9	Color fade mode	27 – 29	Fade through static colors (1 – 7)
10	Color pulse mode	30 – 32	Pulse through static colors (1 – 7)
11	Red bulb racing	33 – 35	A section of red bulbs racing
12	Green bulb racing	36 – 38	A section of green bulbs racing
13	Blue bulb racing	39 – 41	A section of blue bulbs racing
14	Yellow lights racing	42 – 44	A section of Yellow lights racing
15	Pink bulbs racing	45 – 47	A section of Pink bulbs racing
16	Light Blue bulbs racing	48 – 50	A section of light blue bulbs racing
17	White bulbs racing	51 – 53	A section of White bulbs racing
18	Race cycle change	54 – 56	Cycle through single sections racing (11 – 17)
19	Red bulbs racing	57 – 59	Two sections of red bulbs racing
20	Green bulbs racing	60 – 62	Two sections of green bulbs racing
21	Blue bulbs racing	63 – 65	Two sections of blue bulbs racing
22	Yellow lights racing	66 – 68	Two sections of Yellow lights racing



Mode Effects (3-in-1 LED Panels, continued)

ID	Function	Value	Description
23	Pink lights racing	69 – 71	Two sections of Pink bulbs racing
24	Light Blue lights racing	72 – 74	Two sections of light blue bulbs racing
25	White bulbs racing	75 – 77	Two sections of White bulbs racing
26	Race cycle change	78 – 80	Cycle through two sections racing (19 – 25)
27	Red bulbs refresh	81 – 83	A section of red bulbs refreshes
28	Green bulbs refresh	84 – 86	A section of green bulbs refreshes
29	Blue bulbs refresh	87 – 89	A section of blue bulbs refreshes
30	Yellow bulbs refresh	90 – 92	A section of Yellow bulbs refreshes
31	Pink bulbs refresh	93 – 95	A section of Pink bulbs refreshes
32	Light Blue bulbs refresh	96 – 98	A section of light blue bulbs refreshes
33	White bulbs refresh	99 – 101	A section of White bulbs refreshes
34	Refresh cycle change	102 – 104	Cycle through single sections refreshing (27 – 33)
35	Red bulbs refresh	105 – 107	A section of red bulbs at the beginning and end refresh back and forth
36	Green bulbs refresh	108 – 110	A section of green bulbs at the beginning and end refresh back and forth
37	Blue bulbs refresh	111 – 113	A section of blue bulbs at the beginning and end refresh back and forth
38	Yellow bulbs refresh	114 – 116	A section of Yellow bulbs at the beginning and end refresh back and forth
39	Pink bulbs refresh	117 – 119	A section of Pink bulbs at the beginning and end refresh back and forth
40	Light Blue bulbs refresh	120 – 122	A section of light blue bulbs at the beginning and end refresh back and forth
41	White bulbs refresh	123 – 125	A section of White bulbs at the beginning and end refresh back and forth
42	Refresh back and forth cycle change	126 – 128	Cycle through single sections refreshing back and forth (35 – 41)
43	Red bulbs racing	129 – 131	Two sections of red bulbs race back and forth
44	Green bulbs racing	132 – 134	Two sections of green bulbs race back and forth
45	Blue bulbs racing	135 – 137	Two sections of blue bulbs race back and forth
46	Yellow lights racing	138 – 140	Two sections of Yellow lights race back and forth
47	Pink bulbs racing	141 – 143	Two sections of Pink bulbs race back and forth
48	Light Blue bulbs racing	144 – 146	Two sections of light blue bulbs race back and forth
49	White bulbs racing	147 – 149	Two sections of White bulbs race back and forth
50	Race back and forth cycle change	150 – 152	Cycle through two sections racing back and forth (43 – 49)
51	Red and green bulbs loop	153 – 155	A section of red and a section of green bulbs race in a loop
52	Green and blue bulbs loop	156 – 158	A section of green and a section of blue bulbs race in a loop
53	Yellow and blue bulbs reverse	159 – 161	A section of blue bulbs and a section of Yellow bulbs loop in reverse
54	Yellow and Pink bulbs reverse	162 – 164	A section of Yellow bulbs and a section of Pink bulbs loop in reverse
55	Pink and light blue bulbs reverse	165 – 167	A section of Pink bulbs and a section of light blue bulbs loop in reverse
56	Light Blue and White bulbs loop	168 – 170	A section of light blue bulbs and a section of White bulbs race in a loop
57	White and red bulbs loop	171 – 173	A section of White bulbs and a section of red bulbs race in a loop
58	Loop cycle change	174 – 176	Cycle through single sections looping (51 – 57)
59	Red bulbs racing	177 – 179	Two sections of red bulbs race in a square shape
60	Green bulbs racing	180 – 182	Two sections of green bulbs race in a square shape
61	Blue bulbs racing	183 – 185	Two sections of blue bulbs race in a square shape
62	Yellow lights racing	186 – 188	Two sections of Yellow lights race in a square shape
63	Pink bulbs racing	189 – 191	Two sections of Pink bulbs race in a square shape
64	Light Blue bulbs racing	192 – 194	Two sections of light blue bulbs race in a square shape
65	White bulbs racing	195 – 197	Two sections of White bulbs race in a square shape
66	Race cycle change	198 – 200	Cycle through two sections racing in a square (59 – 65)
67	Red bulbs fading	201 – 203	A section of red bulbs racing while fading
68	Green bulbs fading	204 – 206	A section of green bulbs racing while fading
69	Blue bulbs fading	207 – 209	A section of blue bulbs racing while fading
70	Yellow lights fading	210 – 212	A section of Yellow lights racing while fading
71	Pink bulbs fading	213 – 215	A section of Pink bulbs racing while fading
72	Light Blue bulbs fading	216 – 218	A section of light blue bulbs racing while fading
73	White bulbs fading	219 – 221	A section of White bulbs racing while fading
74	Fade cycle mode	222 – 224	Cycle through single sections fading (67 – 73)
75	Red bulbs stacked	225 – 227	A section of red bulbs stacks up



Mode Effects (3-in-1 LED Panels, continued)

ID	Function	Value	Description
76	Green bulbs stacked	228 – 230	A section of green bulbs stacks up
77	Blue bulbs stacked	231 – 233	A section of blue bulbs stacks up
78	Yellow lights stacked	234 – 236	A section of Yellow lights stacks up
79	Pink bulbs stacked	237 – 239	A section of Pink bulbs stacks up
80	Light Blue bulbs stacked	240 – 242	A section of light blue bulbs stacks up
81	White bulbs stacked	243 – 245	A section of White bulbs stacks up
82	Stack cycle change	246 – 248	Cycle through single sections stacking (75 – 81)
87	Colorful piled up	249 – 251	Color blocks flow left to right, then pile up
88	Colorful flow	252 – 254	Blocks of color flow right to left
89	Cycle all (11 – 81)	255	Cycle all previous modes (11 – 81)

Strobe Bar Effects (Strobe bar)

ID	Function	Value	Description
1	No effect	0 – 5	n/a
2	Strobe bar light segments	6 – 11	First segment
3		12 – 17	Second segment
4		18 – 23	Third segment
5		24 – 29	Fourth segment
6		30 – 35	Fifth segment
7		36 – 41	Sixth segment
8		42 – 47	Seventh segment
9		48 – 53	Eighth segment
19	Strobe bar light racing	54 – 59	A section races from left to right
20		60 – 65	A section races from right to left
23		66 – 71	Two segments race from left to right
24		72 – 77	Two segments race from right to left
27		78 – 83	Three segments race from left to right
28		84 – 89	Three segments race from right to left
30		90 – 95	A section races back and forth
33		96 – 101	Two sections races back and forth
34	Strobe bar light tail	102 – 107	Three sections races back and forth
37		108 – 113	Collides from left to right
39		114 – 119	Collides from right to left
40		120 – 125	Falls from left to right
43		126 – 131	Falls from right to left
45		132 – 137	Races back and forth
47		138 – 143	A segment refreshes from left to right
49		144 – 149	A segment refreshes from right to left
51	Strobe bar light refresh	150 – 155	A section at each end refreshes in the middle
53		156 – 161	A section in the middle refreshes at each end
55	Strobe bar light racing	162 – 167	A section at each end races back and forth
57	Strobe bar light stacked	168 – 173	A segment stacks up from left to right
59		174 – 179	A segment stacks up from right to left
61	Strobe bar light waves	180 – 185	Waves go from left to right
63		186 – 191	Waves go from right to left
65		192 – 197	Waves at each end merge in the middle
67		198 – 203	Separate sections of waves from the middle to each end
69	Strobe bar light racing	204 – 209	A light races back and forth at four intervals
71		210 – 215	Four-stage connection light races back and forth
73	Strobe bar light squirms	216 – 221	A <i>piece</i> squirms from left to right
75		222 – 227	A <i>piece</i> squirms from right to left
77	Strobe bar light shining	228 – 233	A gradual light moves from left to right, shines, then returns.
79	Strobe bar light pendulum	234 – 239	Two pendulums swing from side to side
81	Strobe bar light disappears	240 – 245	Lights accumulate over time then disappear one by one
87	Strobe bar light grows	246 – 251	Lights collide at both ends and become bigger
88	Cycle all (19 – 87)	252 – 255	Cycles all previous modes (19 – 87)

