

# PIXEL HYBRID BAR DMX GUIDE



Thank you for purchasing this Rockville PIXEL HYBRID BAR. Please read this DMX guide carefully. Should you need assistance, please call our technical help line at 1-646-758-0144, 24 hours a day/7 days a week. For how-to videos, this DMX guide, and other helpful information, visit [rockvillesupport.com/pixel-hybrid-bar](http://rockvillesupport.com/pixel-hybrid-bar) or scan the QR code.

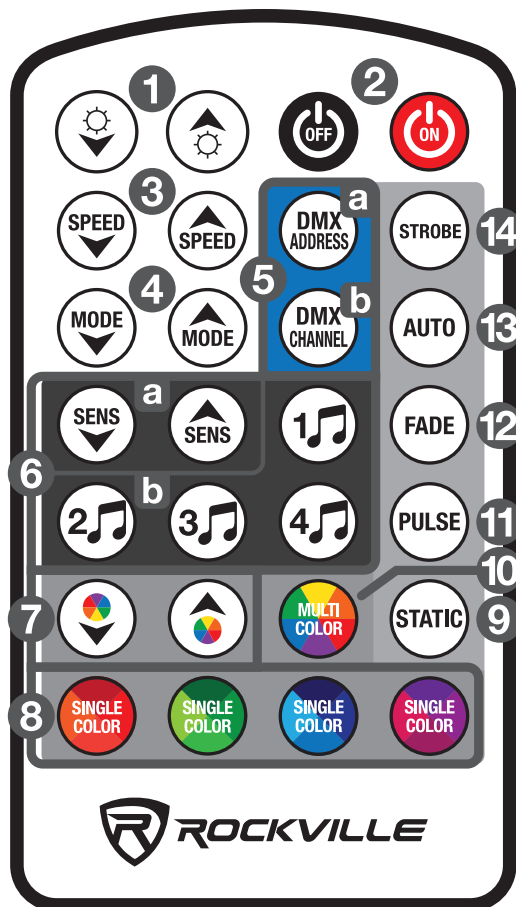
## Settings

Use the MENU button to cycle through different menu options. Press ENTER to select the desired menu option, then use the UP/DOWN arrow buttons to make adjustments. Press and hold the UP/DOWN arrow buttons within the current setting to scroll quickly 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. Please note, If you pressed ENTER and are in a sub section, pressing the MENU button returns to the main menu.

Display Mode	Value	Description	Submenu Function
A001	A001 – A512	Set wired or wireless DMX address	N/A
Chnd	5ch/14ch/ 75ch	Set DMX channel mode	Press the ENTER button to access the submenu. Use the arrow keys to toggle between the three DMX channel modes: 5, 14, or 75.
FAIL	OFF/HOLd	Console data blackout/hold	This setting determines how the light will behave when it loses communication. If the unit is set to HOLd, it will maintain the last current setting. If the unit is set to OFF, it will go into blackout mode.
Au01	Au01 – Au36	Auto modes	Long press the ENTER button to set the type of auto mode (tY01 – tY08) which will work in conjunction with the pattern type (Au01 – Au36). Press the ENTER button to adjust the speed (SP01 – SP16).
FA01	FA01 – FA07	Gradient/fade mode	Press the ENTER button to enter the menu, then use the arrow keys to adjust speed (SP01 – SP16).
ST01	ST01 – ST08	Strobe mode	Press the ENTER button to enter the menu, then use the arrow keys to adjust speed (SP01 – SP16).
SoU1	SoU1 – SoU4	Sound mode	Press the ENTER button, then use the arrow keys to adjust sensitivity (SE01 – SE99).
			SoU1: warm white light sound control, long press the ENTER button, then use the arrow keys to adjust the effect (SH01 – SH36).
			SoU2: white strobe sound control, long press the ENTER button, then use the arrow keys to adjust the effect (SH01 – SH36).
			SoU3: RGB strobe sound control, long press the ENTER button, then use the arrow keys to adjust the effect (SH01 – SH36).
SoU4: warm white + white strobe + RGB strobe sound control, long press the ENTER button, then use the arrow keys to adjust the effect (SH01 – SH36).			
NAnu (manual mode)	r000	r000 – r255	Red dimmer
	G000	G000 – G255	Green dimmer
	b000	b000 – b255	Blue dimmer
	U000	U000 – U255	White strobe dimmer
	Y000	Y000 – Y255	Warm white dimmer
2.4G	on/OFF	Turn wireless DMX function on or off.	Press the ENTER button, then use the arrow keys to toggle on/off.
IrcL	on/OFF	Remote control on or off	Press the ENTER button, then use the arrow keys to toggle on/off.
LEd	on/OFF	Turn LCD display on or off	Press the ENTER button, then use the arrow keys to toggle on/off. When toggled on, the LCD display will shut off after 60 seconds of inactivity.
VER		Firmware version	N/A

## Remote Control

1. : Use to adjust the brightness of the selected mode.
2. ON/OFF: Turns the LEDs on or off. Please note, this button is strictly for the LEDs. The unit will remain on and continue to use battery power. To turn it off, use the power switch on the unit.
3. SPEED: Use to adjust the speed of the selected mode.
4. MODE: Use to cycle through the available modes.
- 5 a. DMX ADDRESS: Changes the DMX address. Use the up/down MODE buttons to change the address.  
b. DMX CHANNEL: Changes DMX channel. Use the up/down MODE buttons to change the channel.
- 6 a. SENS UP/DOWN: When in sound control mode use these buttons to adjust the sensitivity of the internal microphone.  
b. SOUND MODES: Pressing any of these buttons will set the unit to a certain sound control mode.
7. COLOR UP/DOWN: Use to adjust color or static light type.
8. COLORS: Directly select red, green, blue, or purple LED colors. Press the button again to enter strobe mode; press it again to return to solid color. While strobing, use the up/down SPEED buttons to adjust the strobe speed. Use the up/down COLOR buttons to adjust color and the up/down BRIGHTNESS buttons to adjust brightness.
9. STATIC: Press to enter a static mode. Use the up/down COLOR buttons to adjust color or static light type. Use the up/down SPEED buttons to make it strobe. Use the up/down BRIGHTNESS buttons to adjust brightness.
10. COLOR WHEEL: Press for a rainbow color. Press the button again to enter strobe mode; press it again to return to solid color. While it's strobing, use the up/down SPEED buttons to adjust the strobe speed. Using the up/down COLOR buttons shifts the rainbow up or down along the bar.
11. PULSE: The unit will pulse through colors. Use the up/down SPEED buttons to set the pulse speed. Use the up/down BRIGHTNESS buttons to adjust brightness.
12. FADE: Press to enter fade mode. Use the up/down SPEED buttons to adjust the speed. Use the up/down MODE buttons to change between the different patterns and the up/down BRIGHTNESS buttons to adjust brightness.
13. AUTO: Press to go into preset auto modes. Use the up/down SPEED buttons to adjust the speed. Use the up/down MODE buttons to adjust the auto type and the up/down BRIGHTNESS buttons to adjust brightness.
14. STROBE: Sets the unit to strobe mode. Use the up/down SPEED buttons to adjust the strobe speed. Use the up/down MODE buttons to adjust the strobe mode and the up/down BRIGHTNESS buttons to adjust brightness.



## DMX Controller Functions

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

### 5-Channel Mode

Channel	Function	Value	Description
1	Master dimmer	0 – 255	Adjust overall brightness
2	Strobe	0 – 10	Strobe off
		11 – 255	Set strobe speed slow to fast
3	Warm white light	0 – 35	Auto mode type
	White light	36 – 71	
	RGB color bulb	72 – 107	
	Warm white light + white light	108 – 143	
	Warm white light + color light	144 – 179	
	White light + color light	180 – 215	
	Warm white light + White light + color light	216 – 255	
4	No effect	0 – 14	Auto mode pattern
	Runaway 1	15 – 19	
	Runaway 2	20 – 24	
	Crazy Eight 1	25 – 29	
	Crazy Eight 2	30 – 34	
	Crazy Eight 3	35 – 39	
	Bounce	40 – 44	
	Skip	45 – 49	
	Chase 1	50 – 54	
	Chase 2	55 – 59	
	Chase 3	60 – 64	
	Stack 1	65 – 69	
	Stack 2	70 – 74	
	Stack 3	75 – 79	
	Stack 4	80 – 84	
	Fade 1	85 – 89	
	Fade 2	90 – 94	
	Pulse 1	95 – 99	
	Fade chase 2	100 – 104	
	Swipe 1	105 – 109	
	Swipe 2	110 – 114	
	Swipe 3	115 – 119	
	Swipe In	120 – 124	
	Swipe 4	125 – 129	
	Swipe 5	130 – 134	
	L/R 1	135 – 139	
	L/R 2	140 – 144	
	In/Out 2	145 – 149	
	In/Out 3	150 – 154	
	Beams	155 – 159	
	Chase 4	160 – 164	
	Chase 5	165 – 169	
	Chase 6	170 – 174	
Fade 3	175 – 179		
Pulse 2	180 – 184		
L/R 3	185 – 189		
Mix It Up	190 – 200		
Sound (all lights)	201 – 255		
5	Effect speed	0 – 255	Adjust effect speed slow to fast

# DMX Controller Functions

## 14-Channel Mode

Channel	Function	Value	Description
1	Master dimmer	0 – 255	Adjust overall brightness
2	Warm white light dimmer	0 – 255	Adjust overall brightness (If ch 4 is set to SOUND MODE 201-255, this fader will be null)
3	Warm white light strobe	0 – 10	Strobe off
		11 – 255	Set strobe speed slow to fast
4	No effect	0 – 10	Mode
	Follow	11 – 19	
	Zig Zag	20 – 24	
	In and Out	25 – 29	
	Out and In	30 – 34	
	Ping Pong	35 – 39	
	2 Group Follow	40 – 44	
	Flash	45 – 49	
	Alternate	50 – 54	
	Chase 1	55 – 59	
	Chase 2	60 – 64	
	Stack 1	65 – 69	
	Stack 2	70 – 74	
	Stack 3	75 – 79	
	Stack 4	80 – 84	
	Two Group Fade 1	85 – 89	
	Two Group Fade 2	90 – 94	
	Pulse	95 – 99	
	Fade	100 – 104	
	Light by Light	105 – 109	
	Follow 1	110 – 114	
	Follow 2	115 – 119	
	Follow 3	120 – 124	
	Chase	125 – 129	
	Follow 4	130 – 134	
	Follow 5	135 – 139	
	Two Group Follow 1	140 – 144	
	Two Group Follow 2	145 – 149	
	Two Group Follow 3	150 – 154	
	Two Group Follow 4	155 – 159	
	Follow 6	160 – 164	
	Follow 7	165 – 169	
Zig Zag 2	170 – 174		
In/Out 2	175 – 179		
Two Group Zig Zag	180 – 184		
Follow 6	185 – 189		
Mix It Up	190 – 200		
Sound (all lights)	201 – 255	Ch8 and ch3 non sound mode will be over ridden	
5	Warm white light effect speed	0 – 255	Adjust effect speed slow to fast
6	White light dimmer	0 – 255	Adjust overall brightness (If ch 8 is set to SOUND MODE 201-255, this fader will be null)
		0 – 10	Strobe off
7	White light strobe	11 – 255	Set strobe speed slow to fast
		No effect	0 – 10
8	Runaway 1	11 – 19	Mode
	Runaway 2	20 – 24	
	Crazy Eight 1	25 – 29	
	Crazy Eight 2	30 – 34	
	Crazy Eight 3	35 – 39	
	Bounce	40 – 44	
	Skip	45 – 49	
	Chase 1	50 – 54	

**DMX Controller Functions (continued)**  
**14-Channel Mode**

Channel	Function	Value	Description
8	Chase 2	55 – 59	Mode
	Side to side	60 – 64	
	Stack 1	65 – 69	
	Stack 2	70 – 74	
	Stack 3	75 – 79	
	Stack 4	80 – 84	
	Fade 1	85 – 89	
	Fade 2	90 – 94	
	Pulse 1	95 – 99	
	In/Out 1	100 – 104	
	Swipe 1	105 – 109	
	Swipe 2	110 – 114	
	Swipe 3	115 – 119	
	Swipe In	120 – 124	
	Swipe 4	125 – 129	
	Swipe 5	130 – 134	
	L/R 1	135 – 139	
	L/R 2	140 – 144	
	In/Out 2	145 – 149	
	In/Out 3	150 – 154	
	Fade chase	155 – 159	
	Chase 4	160 – 164	
	Chase 5	165 – 169	
	Out/In	170 – 174	
Fade 3	175 – 179		
Pulse 2	180 – 184		
L/R 3	185 – 189		
Mix It Up	190 – 200		
Sound (all lights)	201 – 255	Ch4 and ch3 non sound mode will be over ridden	
9	White light effect speed	0 – 255	Adjust effect speed slow to fast
10	RGB dimmer	0 – 255	Adjust overall brightness (If ch 13 is set to SOUND MODE 201-255, this fader will be null)
11	RGB Strobe	0 – 10	Strobe off
		11 – 255	Set strobe speed slow to fast
12	Light off	0 – 10	Set individual solid color
	Red	11 – 44	
	Green	45 – 79	
	Blue	80 – 114	
	Yellow	115 – 149	
	Purple	150 – 184	
	Cyan	185 – 219	
White	220 – 255		
13	No effect	0 – 10	Solid color, channel 12 is in effect
	Runaway	11 – 19	Mode
	Zig Zag	20 – 24	
	Crazy Eight 1	25 – 29	
	Crazy Eight 2	30 – 34	
	Crazy Eight 3	35 – 39	
	Bounce	40 – 44	
	Skip	45 – 49	
	Chase 1	50 – 54	
	Chase 2	55 – 59	
	Chase 3	60 – 64	
	Stack 1	65 – 69	
	Stack 2	70 – 74	
	Stack 3	75 – 79	
	Stack 4	80 – 84	

**DMX Controller Functions (continued)****14-Channel Mode**

Channel	Function	Value	Description
13	Fade 1	85 – 89	Mode
	Fade 2	90 – 94	
	Pulse 1	95 – 99	
	Pulse 2	100 – 104	
	Swipe 1	105 – 109	
	Swipe 2	110 – 114	
	Swipe 3	115 – 119	
	Swipe In	120 – 124	
	Swipe 4	125 – 129	
	Swipe 5	130 – 134	
	L/R 1	135 – 139	
	L/R 2	140 – 144	
	In/Out 2	145 – 149	
	In/Out 3	150 – 154	
	Beams	155 – 159	
	Chase 4	160 – 164	
	Chase 5	165 – 169	
	Out/In	170 – 174	
	Fade chase	175 – 179	
	Pulse 2	180 – 184	
L/R 3	185 – 189		
Mix It Up	190 – 200		
Sound (all lights)	201 – 255	Ch8 and ch4 non sound mode will be over ridden	
14	RGB Effect speed	0 – 255	Adjust the RGB effect's speed slow to fast

**75-Channel Mode**

Channel	Function	Value	Description
1	Master dimmer	0 – 255	Adjust overall brightness
2	Master strobe	0 – 10	Strobe off
		11 – 255	Set strobe speed slow to fast
3	Warm white light	0 – 255	Section 1
4		0 – 255	Section 2
5		0 – 255	Section 3
6		0 – 255	Section 4
7		0 – 255	Section 5
8		0 – 255	Section 6
9		0 – 255	Section 7
10		0 – 255	Section 8
11		0 – 255	Section 9
12		0 – 255	Section 10
13		0 – 255	Section 11
14		0 – 255	Section 12
15		White light	0 – 255
16	0 – 255		Section 2
17	0 – 255		Section 3
18	0 – 255		Section 4
19	0 – 255		Section 5
20	0 – 255		Section 6
21	0 – 255		Section 7
22	0 – 255		Section 8
23	0 – 255		Section 9
24	0 – 255		Section 10
25	0 – 255		Section 11
26	0 – 255		Section 12
27	0 – 255		Section 13

**DMX Controller Functions (continued)**  
**75-Channel Mode**

<b>Channel</b>	<b>Function</b>	<b>Value</b>	<b>Description</b>
28	Red dimmer	0 – 255	Section 1
29	Green dimmer	0 – 255	
30	Blue dimmer	0 – 255	
31	Red dimmer	0 – 255	Section 2
32	Green dimmer	0 – 255	
33	Blue dimmer	0 – 255	
34	Red dimmer	0 – 255	Section 3
35	Green dimmer	0 – 255	
36	Blue dimmer	0 – 255	
37	Red dimmer	0 – 255	Section 4
38	Green dimmer	0 – 255	
39	Blue dimmer	0 – 255	
40	Red dimmer	0 – 255	Section 5
41	Green dimmer	0 – 255	
42	Blue dimmer	0 – 255	
43	Red dimmer	0 – 255	Section 6
44	Green dimmer	0 – 255	
45	Blue dimmer	0 – 255	
46	Red dimmer	0 – 255	Section 7
47	Green dimmer	0 – 255	
48	Blue dimmer	0 – 255	
49	Red dimmer	0 – 255	Section 8
50	Green dimmer	0 – 255	
51	Blue dimmer	0 – 255	
52	Red dimmer	0 – 255	Section 9
53	Green dimmer	0 – 255	
54	Blue dimmer	0 – 255	
55	Red dimmer	0 – 255	Section 10
56	Green dimmer	0 – 255	
57	Blue dimmer	0 – 255	
58	Red dimmer	0 – 255	Section 11
59	Green dimmer	0 – 255	
60	Blue dimmer	0 – 255	
61	Red dimmer	0 – 255	Section 12
62	Green dimmer	0 – 255	
63	Blue dimmer	0 – 255	
64	Red dimmer	0 – 255	Section 13
65	Green dimmer	0 – 255	
66	Blue dimmer	0 – 255	
67	Red dimmer	0 – 255	Section 14
68	Green dimmer	0 – 255	
69	Blue dimmer	0 – 255	
70	Red dimmer	0 – 255	Section 15
71	Green dimmer	0 – 255	
72	Blue dimmer	0 – 255	
73	Red dimmer	0 – 255	Section 16
74	Green dimmer	0 – 255	
75	Blue dimmer	0 – 255	