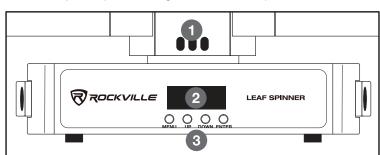
LEAF SPINNER Operating Instructions

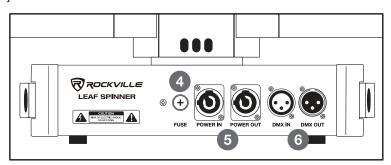


Thank you for purchasing this Rockville LEAF SPINNER. Please read this DMX guide carefully. Should you need assistance, please call our technical help line at 1–646–758–0144, 24 hours a day/7 days a week. You can also scan the QR code or go to rockvillesupport.com/leaf-spinner for essential information, guides (video and/or written), and tips to make the most out of your purchase.

Functions

- 1. Moving head
- 2. LCD screen
- 3. Control panel (see Settings section below)
- 4. Fuse
- 5. Powercon power in/out jacks
- 6. DMX in/out jacks





Settings

Press the MENU button repeatedly to cycle through settings or, if you are within a submenu, press MENU to return to the previous menu. In addition to the MENU button, you can use the UP and DOWN buttons to scroll through settings. Once a setting option has been selected, use the UP and DOWN buttons to scroll through the options or numerical values for that setting. Press the ENTER button to access setting's menus and values or 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, when no DMX cable is connected, the first character on the left of the menu flashes constantly. This function is especially useful when you have multiple units wired together and an issue occurs. The flashing character makes it easy to identfy which unit(s) is having issues. If the LCD setting is set to off, a dash will flash on the right side when no DMX cable is connected.

Display Mode	Value	Description	Submenu Functio	n	
ADDR	001 – 512	Set DMX address	N/A		
			Red		
			Green (Gree)		
			Blue	0 – 255	
STAT	01 – 06	Set static effects	White (Uhlt)		
			Amber (Uhl1)		
			Light rotation static position (PSet)		
			Master strobe (StrO)		
ALITO	04 40	Oat auto effects are until a manda	Auto modes (At)	1 – 10	
AUTO 01 – 10		Set auto effects operation mode	Auto mode color cycle speed (SP)	1 – 50	
CHND	15/20/26	Set DMX channel mode (15-channel, 20-channel, or 26-channel).			
LCD	ON/OFF	Turn display backlight on or off			
DISP	YES/NO	Changes the LCD screen's orientation			
VER	V001	Software version number			

DMX Controls

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

15-Channel Mode

Channel	Function	Value	Description			
1	Rotation	0 – 255	0° – 360°	0° – 360° rotation		
		0 – 49	Rotation speed, fast to slow			
2	Rotation speed controls	50 – 152	Clockwise infinite rotation, fast to slow			
			Counterclockwise infini	inite rotation, slow to fast		
3	Amber light dimmer	0 – 255	Adjust overall Amb	per light brightness		
4	Amber light strobe	0 – 255	Adjust strobe speed, sl	ow to fast (1Hz - 25Hz)		
		0 – 4	Off			
		5 – 40	Amber light 1	Channel 12 slider must		
5	Amber light effect	41 – 76	Amber light 2	be set to 0 – 4.		
		77 – 112	Amber light 3			
		113 – 148	Amber light 1 + Amber light 2			

15-Channel Mode (continued)

Channel	Function	Value	Description			
		149 – 184	Amber light 2 + Amber light 3		Ola anno al 40 allial anno anno	
5	Amber light effect	185 – 220	Amber light 3 + Amber light 1		Channel 12 slider must be set to 0 – 4.	
		221 – 255	Amber light 1 + Amber light 2 + A			
6	Leaf/beam color light dimmer	0 – 255	Adjust overall leaf and beam brightness			
7	Leaf/beam color strobe	0 – 10	Off			
	Loan boarn color on obo	11 – 255	Adjust strobe speed, s	•	Hz – 25Hz)	
		0 – 4		Off		
		5 – 40	Red	_		
		41 – 76	Green	When Ch 13 is null (0 – 4), channe controls Leaf light 1. When Ch 13 is set anywhere betw 5 and 215, Channel 8 is used to the pattern effect color.		
8	Leaf light 1	77 – 112	Blue			
	color/effect	113 – 148	Yellow			
		149 – 184	Purple			
		185 – 220	Light blue			
		221 – 255 0 – 4	Simulated white (RGB)	 Off		
	1	5 – 40	Red		is nu ll (0 – 4), channel 9	
	1	41 – 76	Green	controls	Leaf light 2. When	
	Loof Bolot Occion/	77 – 112	Blue	Ch 13 is se	et anywhere between	
9	Leaf light 2 color/ background color	113 – 148	Yellow	15 and 215, Ch	annel 9 is used to blend color into the channel 8	
	background color	149 – 184	Purple	pattern effec	ct color selection. Each	
		185 – 220	Light blue	color's back	ground brightness can , within it's DMX range,	
	1	221 – 255	Simulated white (RGB)	from	dark to bright.	
_	1	0 – 4	` ′) Off		
		5 – 40	Red]		
		41 – 76	Green	When Ch 13 is null (0 – 4), channel 10 controls Leaf light 3.		
40	Leaf light 3 color	77 – 112	Blue			
10		113 – 148	Yellow			
		149 – 184	Purple			
		185 – 220	Light blue			
	1	221 – 255	Simulated white (RGB)			
		0 – 4	Off			
		5 – 36	R	ed		
		37 – 68	Green			
	1	69 – 100	Blue			
11	Beam light color	101 – 132	White			
	Boain light color	133 – 164	Yellow			
		165 – 196	Purple			
		197 – 228	Light blue White			
		229 – 255		nite valid/active)		
	A mala au liada	0 – 4	Built-in effect 1 speed (clockwise cyc	,	+	
12	Amber light macro function	5 – 85 86 – 170	Built-in effect 2 speed (fade in),	, slow to fast be active. If it is s		
	Thacio function	171 – 255	Built-in effect 3 speed (sharp pulse			
		0 – 4		ej, slow to last		
		5 – 47	Off (Ch 6 –10 valid/active) Built–in effect 1 speed (clockwise cycle), slow to fast			
		48 – 89	Built-in effect 2 speed (alternating cyc	*		
13	Leaf light	90 – 131	sliders must be		⊣sliders must be active.	
	macro function	132 – 173	If they are set to		there is no effect.	
	1	174 – 215	Built-in effect 5 speed (sharp pulse			
		216 – 255	Built-in effect 6 speed (color fade), slow to fast		ow to fast	
		0-4	Off (Ch 6 and 11 valid/active)			
	Beam light	5 – 85	Built-in effect 1 speed (color pulse	e), slow to fast be), slow to fast be active. If it is:		
14	macro function	86 – 170	Built-in effect 2 speed (color fade)			
		171 – 255			to 0, there is no effect.	
		0 – 199	Off		·	
15	Reset	200 - 209	Resets after 5 seconds			
i e	1	210 – 255	Off			

20-Channel Mode

Channel	Function		Value	Description			
1	Rotation		0 – 255	0° – 360° rotation			
	2 Rotation speed controls		0 – 49	Rotation speed, fast to slow			
2			50 – 152	Clockwise infinite rotation, fast to slow			
			153 – 255	Counterclockwise infinite rotation, slow to fast			
3	Amber light dimmer		0 – 255	Adjust overall Amber light brightness			
4	Amber light strobe		0 – 255	Adjust strobe speed, slow to fast (1Hz - 25Hz)			
5		mber light 1	0 – 255	A alice at its alice alice at A santa and I salat to situate to a			
6		mber light 2	0 – 255	Adjust individual Amber light brightness			
7		mber light 3	0 – 255				
8	Leaf/bea	am color light dimmer	0 – 255	Adjust overall leaf and beam light brightness			
9	Leaf/b	eam color strobe	0 – 10	Off			
			11 – 255	Adjust strobe speed, slow to fast (1Hz – 25Hz) Adjusts the leaf light's red color brightness when Ch18 is null (0 – 4			
		Red	0 – 255		or brightness when	Ch18 is null (0 – 4)	
			0 – 4	Off			
			5 – 40	Red	When Ch 18 is	null (0 – 4), channel 10	
10			41 – 76	Green Blue	controls the inc	lividual Leaf lights' red	
			77 – 112 113 – 148	Yellow	color brightn	less. When Ch 18 is between 5 and 215,	
			149 – 184	Purple	Channel 10	is used to set the	
			185 – 220	Light blue	patterr	n effect color.	
			221 – 255	Simulated white (RGB)			
	1	Green	0 - 255	Adjusts the leaf light's green co	olor brightness whe	n Ch18 is null (0 – 4)	
	Leaf	GICCH	0 – 4	Off		11 01110 10 11011 (0 1)	
	light		5 – 40	Red	When Ch 18 is nu	II (0 – 4), channel 11 Leaf light's green . When Ch 18 is set	
			41 – 76	Green	color brightness		
11			77 – 112	Blue	anywhere between	5 and 215, Channel 11	
			113 – 148	Yellow	into the channel 1	a background color 0 pattern effect color	
			149 – 184	Purple	selection. Each c brightness can b	color's background be adjusted, within from dark to bright.	
			185 – 220	Light blue			
			221 – 255	Simulated white (RGB)	- 110 21111 t 141.190, 1	g	
12		Blue	0 – 255	When Ch 18 is null (0 – 4), blue color brightness. Whe and 215, c	channel 12 controls the Leaf light's on the Leaf light's on the Leaf light's hannel 12 is null.		
13		Red	0 – 255				
14	Beam	Green	0 – 255	Adjust been	liaht oolor briahta	200	
15	light	Blue	0 – 255	Adjust beam	light color brightne	355	
16		White	0 – 255				
			0 – 4	Off (Ch 3 – 7 valid/active)			
17		Amber light	5 – 85	Built-in effect 1 speed (clockwise cycle), slow to fast Channel 3 slider		Channel 3 slider must	
	l ma	acro function	86 – 170			be active. If it is set to 0, there is no effect.	
			171 – 255	Built-In effect 5 speed (sharp pulse), slow to last		10 0, 11010 10 110 011001.	
			0 – 4	Off (Ch 8 –12 valid/active)			
			5 – 47	Built-in effect 1 speed (clockwise cycle), slow to fast		Channel 8 10 and 11	
18		Leaf light	48 – 89 90 – 131			sliders must be active.	
	ma	acro function	132 – 173	Built–in effect 3 speed (fade in), slow to fast If they are set to (If they are set to 0, there is no effect.	
			174 – 215	Built–in effect 4 speed (slow pulse), slow to fast there is no effect. Built–in effect 5 speed (sharp pulse), slow to fast			
			216 – 255	Built-in effect 6 speed (color fade), slow to fast		w to fast	
			0-4	Off (Ch 8, 9 and 13 – 16 valid/active)			
		Beam light	5 – 85	Duilt in effect 1 eneed (color pulse) clow to feet			
19	macro function		86 – 170	Built-in effect 2 speed (color fade), slow to fast be active. If it is se		be active. If it is set	
			171 – 255			to 0, there is no effect.	
			0 – 199	Off			
20 F		Reset	200 – 209	Resets after 5 seconds			
I			210 – 255	Off			

26-Channel Mode (continued)

Channel	Function		Value	Description			
1	Rotation		0 – 255	0° – 360° rotation			
			0 – 49	Rotation speed, fast to slow			
2	Rotatio	n speed controls	50 – 152	Clockwise infinite rotation, fast to slow			
	·		153 – 255	Counterclockwise infinite rotation, slow to fast			
3	Ambe	er light dimmer	0 – 255	Adjust overall Amber light brightness			
4	Amber light strobe		0 – 255	Adjust srobe speed, slow to fast (1Hz - 25Hz)			
5		nber light 1	0 – 255				
6		nber light 2	0 – 255	Adjust individual Amber light brightness			
7	Ar	nber light 3	0 – 255				
8	Leaf/bear	m color light dimmer	0 – 255	Adjust overall leaf and beam light brightness			
9	L eaf/be	eam color strobe	0 – 10	Off			
			11 – 255		d, slow to fast (1Hz - 25Hz)		
		Red	0 – 255		lor brightness when Ch24 is null (0 – 4)		
			0 – 4	Off			
			5 – 40	Red	When Ch 24 is null (0 – 4), channel 10		
10			41 – 76	Green	controls the 1st leaf light's red color		
10			77 – 112	Blue	brightness. When Ch 24 is		
			113 – 148	Yellow	set anywhere between 5 and 215, Channel 10 is used to set the		
			149 – 184	Purple	pattern effect color.		
			185 – 220	Light blue			
	┨		221 – 255	Simulated white (RGB)			
	Leaf light 1	Green	0 – 255		color brightness when Ch24 is null (0 – 4)		
	"9""		0 – 4	Off	When Ch 24 is null (0 – 4), channel 11		
			5 – 40	Red	controls the 1st leaf light's green color		
			41 – 76	Green	brightness. When Ch 24 is set anywhere between 5 and 215, Channel 11		
11			77 – 112	Blue Yellow	is used to blend a background color		
			113 – 148 149 – 184	Purple	into the channel 10 pattern effect color selection. Each color's background		
			185 – 220	Light blue	brightness can be adjusted, within		
			221 – 255	Simulated white (RGB)	it's DMX range, from dark to bright.		
	1 1		221-200	` ,	channel 12 controls the 1 st leaf light's		
12		Blue	0 – 255	blue color brightness. Whe	en Ch 24 is set anywhere between 5		
				and 215,	channel 12 is null.		
13	Leaf	Red	0 – 255	When Ch 24 is null (0 – 4), cha	annels 13 - 15 control the 2nd leaf light's		
14	light 2	Green	0 – 255	red (ch13), green (ch14), and b	lue (ch15) color brightness. When Ch 24		
15	2	Blue	0 – 255	is set anywhere between 5	and 215, channels 13 – 15 are null.		
16	Leaf	Red	0 – 255		annels 16 – 18 control the 3 rd leaf light's		
17	light	Green	0 – 255		lue (ch18) color brightness. When Ch 24		
18	3	Blue	0 – 255	is set anywhere between 5	and 215, channels 16 – 18 are null.		
19	4	Red	0 – 255	4			
20	Beam	Green	0 – 255	Adjust bea	m color brightness		
21	light	Blue	0 – 255	4	-		
22		White	0 – 255	0# (0)- 0	7 valid (a ativa)		
23		خواجيا الموامع	0 – 4	Off (Ch 3 – 7 valid/active) Built–in effect 1 speed (clockwise cycle), slow to fast Channel 3 slider m			
		mber light	5 - 85		Orianno o siluci must		
	macro function		86 – 170	Built-in effect 2 speed (fade in), slow to fast be active. If it is set to 0, there is no effect			
			171 – 255	Built in chect o speed (sharp pulse), slow to last			
			0 – 4 5 – 47	Off (Ch 8 –18 valid/active)			
	Leaf color light macro function			Built-in effect 1 speed (clockwise cycle), slow to fast Built-in effect 2 speed (alternating cycle), slow to fast Channel 8, 10, and 11			
			48 – 89	Sliders must be active			
24			90 – 131	Built-in effect 3 speed (fade in), slow to fast If they are set to 0,			
			132 – 173	Built-in effect 4 speed (slow pulse), slow to fast there is no effect. Built-in effect 5 speed (sharp pulse), slow to fast			
			174 – 215	Built–in effect 6 speed (color fade), slow to fast			
			216 – 255	Duilt-in effect 6 speed (color rade), slow to fast			

26-Channel Mode

20 Onamici Mo					
Channel	Function	Value	Description		
		0 – 4	Off (Ch 8 and 19 - 22 valid/active)		
0.5	Beam light	5 – 85	Built-in effect 1 speed (color pulse), slow to fast	Channel 8 slider must be active. If it is set	
25	macro function	86 – 170	Built-in effect 2 speed (color fade), slow to fast		
		171 – 255	Built-in effect 3 speed (color cycle), slow to fast	to 0, there is no effect.	
			Off		
26	Reset	200 – 209	Resets after 5 seconds		
		210 – 255	Off		