

ROCKVILLE

Spyder LED

8 BEAM MOVING HEAD
MOTORIZED DMX PRO LIGHT

OWNER'S MANUAL

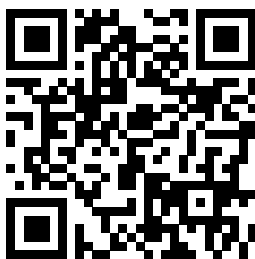
ATTENTION:
WATCH THIS VIDEO BEFORE FIRST USE!

Who reads manuals?

Scan the **QR code** or go to **rockvillesupport.com/spyder-led** to access how-to video(s), the owner's manual, and other important information you may need to get the most out of your item.

If you prefer written instructions, please read ahead!

With Rockville you get many options.



Missing items? If you ordered a bundle that includes more than one product and you are missing part of your bundle then it just means your order shipped from two different warehouses. You will receive the remaining items very soon. If you have any concerns or inquiries, feel free to call our customer support center at 1-646-758-0144, 24 hours a day/7 days a week.

Rockwell

Thank you for purchasing this Rockville Spyder LED 8 Beam Moving Head Motorize DMX Pro Light. Please read this owner's guide carefully for proper use of your Rockville Spyder LED. Should you need assistance, please call our technical help line at 1-646-758-0144, 24 hours a day/7 days a week.

INCLUDES

- Spyder LED light
- IEC Power wire
- DMX cable
- Mounting bracket
- Owners manual
- Warranty card

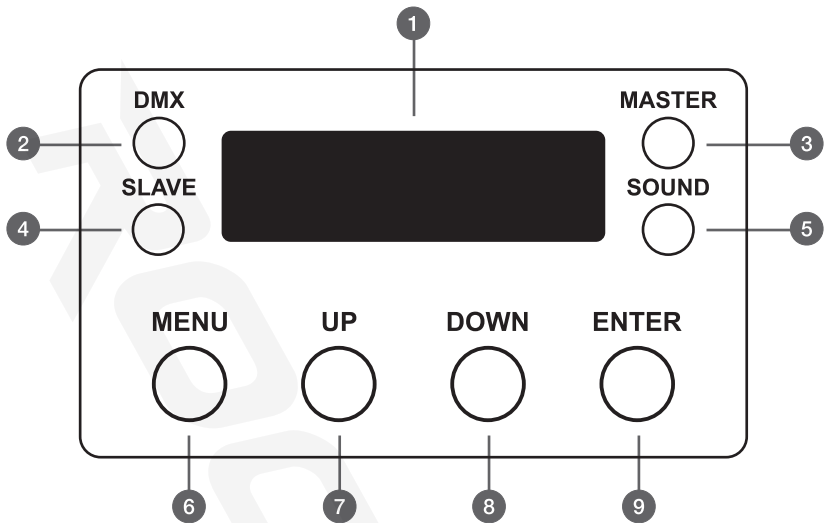
IMPORTANT SAFETY INSTRUCTIONS



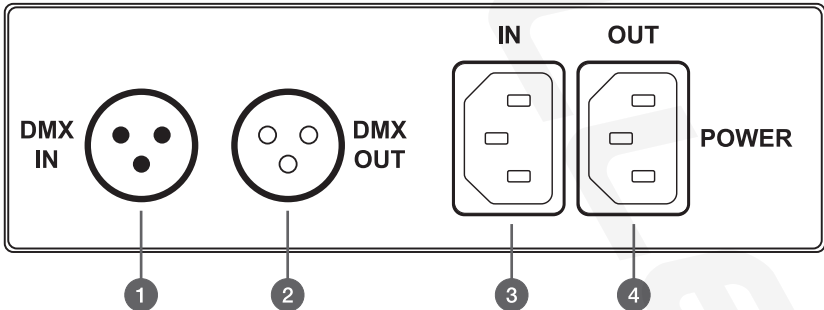
**NO USER SERVICEABLE PARTS INSIDE. REFER SERVICE TO
THE ROCKVILLE SERVICE CENTER.**

- Avoid looking directly into the lights.
- Do not expose this unit to any kind of moisture.
- The products housing may become hot during operation. Do not touch.
- Please ensure that the unit is situated in a properly ventilated area. Allow at least 20 inches between this device and a wall.
- This device has an IP20 rating and is intended for indoor use only.
- Maximum operating temperature is 104°F (40°C).
- Do not operate this unit when the cover is open.
- Do not attempt to operate this unit if the power cord has been frayed or broken.
- Do not attempt to break off or remove the ground prong. This prong is used to reduce the risk of electrical shock and fire in case of an internal short.
- Never plug this unit into a dimmer pack.
- Do not operate this unit if it is damaged.
- This unit is intended for indoor use only.
- During long periods of non-use, disconnect the unit from power source.
- Always mount this unit in a safe and stable matter.
- Power supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to the point of exit from the unit.
- To avoid unnecessary wear and to improve the unit's lifespan, unplug the unit when not in use for extended periods of time.

FUNCTIONS



- 1. LCD display: Shows unit status
- 2. DMX mode LED indicator
- 3. Primary mode LED indicator
- 4. Secondary mode LED indicator
- 5. SOUND mode LED indicator
- 6. MENU: Enter settings menu
- 7. UP: Scroll up through menu items
- 8. DOWN: Scroll down through menu items
- 9. ENTER: Confirm and save selection



- 1. DMX In
- 2. DMX Out
- 3. POWER In
- 4. POWER Out

MULTI FIXTURE USE

Primary/Secondary

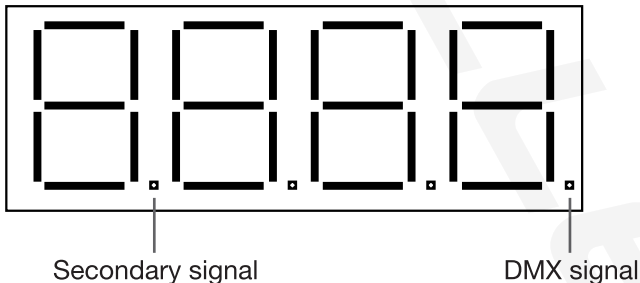
1. Hang all the fixtures.
2. Connect all fixtures via the DMX IN/DMX OUT ports.
3. Connect to power source and turn-on all fixtures.
4. Adjust as DMX mode (d001) on the panel display.
5. Choose one fixture and press any button to set it as the primary fixture. Once the primary has been chosen, all other fixtures become secondaries.
6. The current primary fixture will always be the primary for future use. To choose another fixture as the primary, change the DMX mode to d001 on the current primary fixture. Now repeat step 5 to set the desired fixture as the primary.

Synchronous Mode

1. Hang all the fixtures.
2. Connect all fixtures via the DMX IN/DMX OUT ports.
3. Connect to power source and turn-on all fixtures.
4. Set any fixture to Ch5 (7 channel mode) or Ch13 (15 channel mode), set the DMX value (237 – 246), and wait for 0.1 to 2 seconds.
5. Set the value back to 0 and wait 1 to 2 seconds. Repeat for all fixtures.
6. Now all fixtures should be in synchronous mode.
7. To add more fixtures, simply repeat the steps above.

OPERATION

Use the MENU button to enter the settings menu. Use the UP and DOWN buttons to select the desired setting and set their values. Press ENTER button to save your selection. Please note that the unit can automatically identify DMX mode and Primary/Secondary mode.



OPERATION (continued)

ADDR	A001 – A512	Address Setting
CHND	7CH	7 Channel mode
	15CH	15 Channel mode
SLND	MAST	Auto mode (self-propelled)
	SOUN	Sound control mode
	SLAV	Primary/Secondary mode
SHND	SH1 – SH24	SH1 – SH2: No speed When you use SHND, first chose SLND: MAST, then press enter SHND: SH3, then chose SPED: 01 – 08 (slow to fast)
SOUD	ON/OFF	Turn sound control on or off
SOEN	0 – 100	Adjust sound control sensitivity.
TEST	YES	Test unit
DISP	NO	Reverse display
	YES	
LED	OFF	Turn background light on or off
	ON	
1TIL	NO	Reverse Y1 motor
	YES	
2 TIL	NO	Reverse Y2 motor
	YES	
RSET	NO	Reset unit to factory settings
	YES	

DMX

The first time you use the console to control the fixtures, they need to be set to synchronous state.

1. Connect the DMX IN, DMX OUT, and power cord.
2. Please set the value of the synchronous channel (CH5 in 7 channel mode/ CH13 in 15 channel mode) to 237 – 246, then wait for 1 to 2 seconds.
3. Set the value back to 0 and wait another 1 – 2 seconds. Now all the fixtures will be in synchronous mode.
4. If you add more fixtures, repeat the steps above.

7 Channel

Channel	Value	Function
CH1	0 – 255	Pan, 0° – 135°
CH2	0 – 255	Tilt, 0° – 135°
CH3	0 – 255	Dimmer, 0 – 100%

7 Channel (continued)

Channel	Value	Function
CH4	0 – 9	No strobe
	10 – 255	Strobe speed, slow to fast
CH5	0 – 7	No effect
	8 – 17	Effect 1
	18 – 27	Effect 2
	28 – 37	Effect 3
	38 – 47	Effect 4
	48 – 57	Effect 5
	58 – 67	Effect 6
	68 – 77	Effect 7
	78 – 87	Effect 8
	88 – 97	Effect 9
	98 – 107	Effect 10
	108 – 117	Effect 11
	118 – 127	Effect 12
	128 – 136	Effect 13
	137 – 146	Effect 14
	147 – 156	Effect 15
	157 – 166	Effect 16
	167 – 176	Effect 17
	177 – 186	Effect 18
	187 – 196	Effect 19
	197 – 206	Effect 20
	207 – 216	Effect 21
	217 – 226	Effect 22
	227 – 236	Effect 23
	237 – 246	Effect 24: Self-propelled multi-effects
	247 – 255	Effect 25: Sound
CH6	0 – 255	Effect speed, slow to fast
CH7	241 – 250	Reset effect settings

15 Channel

Channel	Value	Function
CH1	0 – 255	Pan, 0° – 135°
CH2	0 – 255	Tilt, 0° – 135°
CH3	0 – 255	Dimmer, 0 – 100%
CH4	0 – 9	No strobe
	10 – 255	Strobe speed, slow to fast

15 Channel (continued)

Channel	Value	Function
CH5	0 – 255	LED1 Dimmer, 0 – 100°
CH6	0 – 255	LED2 Dimmer, 0 – 100°
CH7	0 – 255	LED3 Dimmer, 0 – 100°
CH8	0 – 255	LED4 Dimmer, 0 – 100°
CH9	0 – 255	LED5 Dimmer, 0 – 100°
CH10	0 – 255	LED6 Dimmer, 0 – 100°
CH11	0 – 255	LED7 Dimmer, 0 – 100°
CH12	0 – 255	LED8 Dimmer, 0 – 100°
CH13	0 – 7	No Effect
	8 – 17	Effect 1
	18 – 27	Effect 2
	28 – 37	Effect 3
	38 – 47	Effect 4
	48 – 57	Effect 5
	58 – 67	Effect 6
	68 – 77	Effect 7
	78 – 87	Effect 8
	88 – 97	Effect 9
	98 – 107	Effect 10
	108 – 117	Effect 11
	118 – 127	Effect 12
	128 – 136	Effect 13
	137 – 146	Effect 14
	147 – 156	Effect 15
	157 – 166	Effect 16
	167 – 176	Effect 17
	177 – 186	Effect 18
	187 – 196	Effect 19
	197 – 206	Effect 21
	207 – 216	Effect 20
	217 – 226	Effect 22
	227 – 236	Effect 23
	237 – 246	Effect 24: Self-propelled multi-effects
	247 – 255	Effect 25: Sound
CH14	0 – 255	Effect speed, slow to fast
CH15	241 – 250	Reset effect settings

INSTALLATION

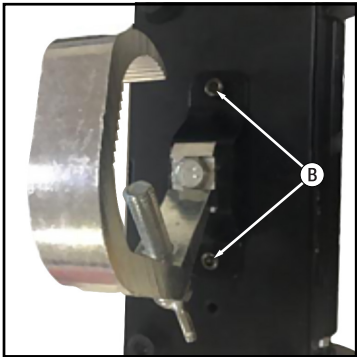
Please follow the directions below for safely hanging the Spyder LED on a truss. You will need a 5mm Allen wrench, an adjustable wrench, and pliers. Please use a safety cable when hanging the fixture. This will prevent any injuries in the event that the fixture falls.



STEP 1

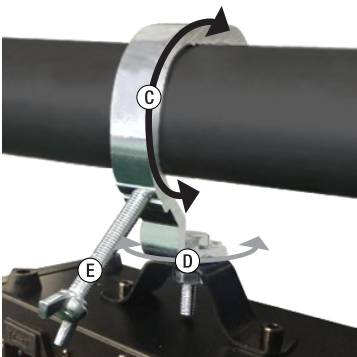
Attach the black mounting bracket (A) to your the mounting clamp.

****PLEASE NOTE: Your mounting clamp may differ from the one used in our installation instructions. Make sure to refer to your clamp's specific mounting instructions for proper use.**



STEP 2

Attach the bracket to the bottom of the unit using the included Allen bolts (B).



STEP 3

Attach the clamp to a truss. Adjust the angle (C) and direction (D) as needed. Next, tighten the wing nut (E) to secure the clamp in place.

FEATURES

- Feature-packed moving head light fitted with (8) moving LED beams
- Each beam's LED is 3 Watts
- This light contains (2) Red, (2) Green, (2) Blue, and (2) White LED's
- DMX 512 controls (7 or 15 channels)
- Create spectacular aerial light shows using extremely fast tilt, strobe, and pulse effects
- Strong power arm for fast and precise movement
- Strobe effect with adjustable speed
- Modes: DMX, Primary/Secondary, sound/beat activated, auto mode, strobe, color change, background Static Light, dimmer, ID address
- Can also be used as a static wash light
- Project light where you want it with user adjustable motorized control
- Increase effects with electronic linear dimming and strobe features
- Primary/Secondary capabilities so you can run the same program on multiple lights
- Built-in sound-activated programs dance to the beat of the music
- The constant current feature helps ensure LED longevity
- An IP20 rating makes this unit rugged and tough
- Hanging bracket included
- Suitable for DJs, Discos, Ballrooms, Karaoke, Stage productions, Bars, Clubs, and parties

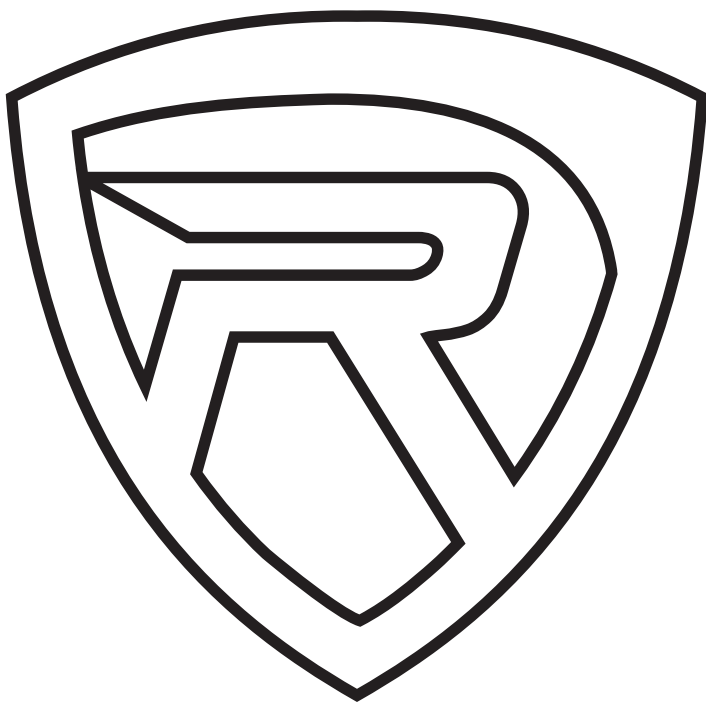
SPECIFICATIONS

- **8 Super-Bright LEDs with Sharp Beams**
- **Rated Power Consumption:** 40W
- **Light Source:** 8 x 3W (R2; G2; B2; W2) LED
- **Lighting Color:** Red, blue, green, and white
- **LED Life Expectancy:** 60,000Hrs
- **Control Mode:** Automatic/Sound/DMX512/Primary & Secondary
- **Dimming:** 0 – 100% linear dimming
- **DMX Channels:** 7 or 15
- **DMX Connectors:** 3-pin
- **TIL1:** 60 – 150°
- **TIL2:** 60 – 150°
- **Strobe Rate:** 0 – 25Hz
- **Beam Angle:** 6°
- **Illuminance 1m:** Red: 7550, Blue: 2110, Green: 19150, **White:** 12500
- **Illuminance 3m:** Red: 1227, Blue: 249.5, Green: 2150, **White:** 1740
- **Input Voltage:** Auto-ranging AC 110 – 240V/50 – 60Hz
- **IP Rating:** IP20
- **Weight:** 4.32 Lbs (1.95Kg)
- **Size:** 11 x 6.3 x 4.92 inches (280 x 160 x 125mm)

TROUBLESHOOTING

PROBLEM	
No Power	<ol style="list-style-type: none">1. Make sure the unit is properly plugged in and that the power outlet is functioning properly.2. Check that the power cord is not damaged.
No fixture DMX response	<ol style="list-style-type: none">1. Make sure that the starting address at the fixture is correct.2. Make sure you are using the correct faders on the controller.3. Make sure you are using the correct fixture template and assign controller faders accordingly.4. Change the signal polarity at the controller.5. Check your DMX cables to ensure they are not improperly connected or damaged.
Intermittent DMX problems	<ol style="list-style-type: none">1. Make sure the cables you are using are DMX compatible. Use true DMX cables.2. Keep DMX cables away from any AC wires or radio equipment.3. Install a terminator.4. If you are running a long DMX cable or have a large number of units connected, use an optically coupled DMX amplifier.

ROCKVILLE



RockvilleAudio.com

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