

C1 1 WATERPROOF STARRY-SKY LASER PRODUCT MANUAL



01 / PRODUCT OVERVIEW

Product Overview & Safety

SPECIFICATIONS

Model	C1	Product Type	Waterproof RGB Starry Sky Light / Firefly Laser Light
Laser Power	2W / 2000mW	Laser Source	R 500mW + G 500mW + B 1000mW
Color System	RGB full color	Beam Angle	70° wide projection
Control	DMX512, auto, sound-active, manual	DMX Interface	3-pin DMX512
Channel Modes	8CH full color / 5CH monochrome	Input Voltage	AC 100-240V, 50/60Hz
Power Consumption	100VA	Working Temperature	0-35°C
Main Effect	Moving RGB starry-sky / firefly laser dots	Installation	Garden, patio, wall, tree, bar, KTV, DJ booth

Package Contents

01	C1 Starry Sky Light	02	Power Cable
03	Mounting Bracket	04	User Manual

LASER SAFETY

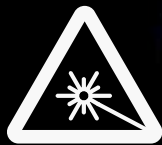
Avoid direct eye exposure. Never aim the beam at people, vehicles, aircraft, mirrors, glass, or highly reflective surfaces. Operate the fixture in accordance with local laser-safety regulations.

OUTDOOR INSTALLATION

Secure the mounting bracket to a stable structure. The fixture is designed for outdoor use; however, power plugs, connectors, timers, and extension connections must be protected from water.

POWER & SERVICE

Confirm the local voltage before connection and ensure protective earth is correctly connected. Disconnect power before cleaning or maintenance. Do not open the housing; there are no user-serviceable laser components inside.

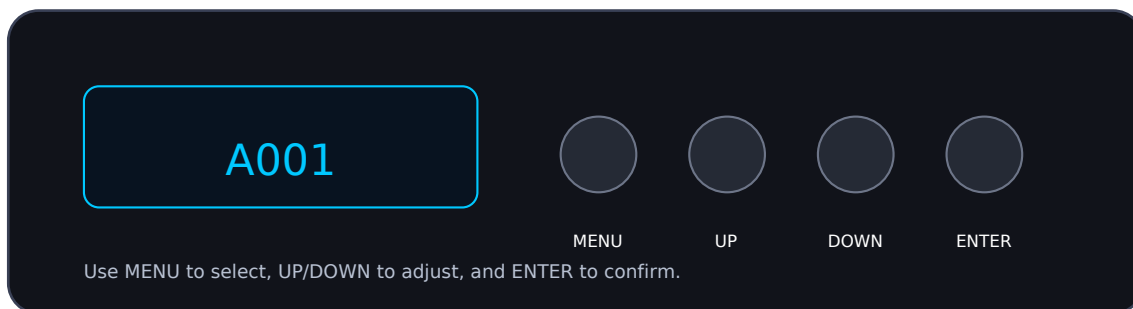


STARSHINE LIGHTS PRODUCT MANUAL



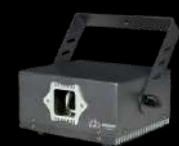
Menu Display & Functions

Use the four-button panel to set the DMX address, select programs, adjust movement, strobe, sensitivity, and color mode.



Display	Function
A001	DMX address setting: A001-A512
Au00	Auto mode - run all built-in effects
Au01-Au20	Select an individual auto program. Au01 Red; Au02 Green; Au03 Blue; Au04 White; Au05 Yellow; Au06 Cyan; Au07 Purple; Au08 RGB color change; Au09 Color change; Au10 RGB gradient; Au11 Colorful gradient.
So00	Sound-active mode - run all sound programs
So01-So20	Select an individual sound-active program (01-20)
PA50	Auto-program speed: PA00-PA99, slow to fast
Pb50	Motor control: Pb00 stop; Pb01-Pb49 forward, slow to fast; Pb50 automatic rotation; Pb51-Pb99 reverse, slow to fast
PC01	Strobe: PC00 off; PC01 automatic strobe; PC02-PC99 manual strobe, slow to fast
Pd50	Sound sensitivity: Pd00-Pd50, low to high
CoL3	Laser color system: CoL1 monochrome; CoL2 red/green; CoL3 RGB full color

Button operation: Press MENU to move through parameters. Use UP/DOWN to change the displayed value. Press ENTER to save the selection.



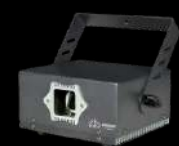
Full-Color Mode - 8 Channels

Set the fixture to RGB full-color mode (CoL3). Values are shown in standard 0-255 DMX ranges.

DMX START ADDRESS

Set A001-A512 from the fixture menu. Ensure the controller patch matches the selected 8-channel footprint.

Channel	DMX Value	Function
CH1	0-255	Master dimmer
CH2	0-255	Red brightness
CH3	0-255	Green brightness
CH4	0-255	Blue brightness
CH5	0-255	Strobe speed, slow to fast
CH6	0	Motor stopped (when CH8 = 0-9)
CH6	1-127	Forward rotation; speed changes from fast to slow (when CH8 = 0-9)
CH6	128-255	Reverse rotation; speed changes from slow to fast (when CH8 = 0-9)
CH6	0-255	Motor position selection (active when CH8 = 10-26)
CH7	0-63	Fixed color selection; color changes every 8 DMX values
CH7	64-95	RGB color change, slow to fast
CH7	96-127	Colorful color change, slow to fast
CH7	128-159	RGB gradient speed, slow to fast
CH7	160-191	Colorful gradient speed, slow to fast
CH7	192-223	RGB pulse effect, slow to fast
CH7	224-255	Seven-color pulse effect, slow to fast
CH8	0-9	Manual motor-speed mode; CH6 controls rotation speed/direction
CH8	10-26	Manual motor-position mode; CH6 controls position
CH8	27-127	Auto mode; value controls auto speed from slow to fast
CH8	128-255	Sound-active mode; value controls sensitivity from low to high



Monochrome Mode - 5 Channels

Use this compact channel mode when the fixture is configured for monochrome output.

MODE CHECK

Before programming, verify the fixture is set to the intended monochrome color mode and that your controller uses the 5-channel patch.

Channel	DMX Value	Function
CH1	0-255	Master dimmer
CH2	0-255	Strobe speed, slow to fast
CH3	0	Motor stopped (when CH5 = 0-9)
CH3	1-127	Forward rotation; speed changes from fast to slow (when CH5 = 0-9)
CH3	128-255	Reverse rotation; speed changes from slow to fast (when CH5 = 0-9)
CH3	0-255	Motor position selection (active when CH5 = 10-26)
CH4	0-63	Fixed color selection; color changes every 8 DMX values
CH4	64-95	RGB color change, slow to fast
CH4	96-127	Colorful color change, slow to fast
CH4	128-159	RGB gradient speed, slow to fast
CH4	160-191	Colorful gradient speed, slow to fast
CH4	192-223	RGB pulse effect, slow to fast
CH4	224-255	Seven-color pulse effect, slow to fast
CH5	0-9	Manual motor-speed mode; CH3 controls rotation speed/direction
CH5	10-26	Manual motor-position mode; CH3 controls position
CH5	27-127	Auto mode; value controls auto speed from slow to fast
CH5	128-255	Sound-active mode; value controls sensitivity from low to high

Installation & Maintenance

Mount the fixture securely and aim it away from occupied areas and traffic.

Keep the optical window clean. Use a soft, dry microfiber cloth; do not use solvents.

Allow free airflow around the housing and avoid covering ventilation openings.

Disconnect power during storms, servicing, transport, or long periods of non-use.

If output becomes unstable, stop use and contact Starshine Lights support.

SUPPORT

For setup assistance, DMX patching, replacement parts, or service questions, visit the product page using the QR code in the sidebar or contact sales@starshinelights.com.

