

PARTY SERIES



STARSHINE LIGHTS

PRODUCT MANUAL

X35

DOUBLE-HEAD RGBWBEAM /STROBE / LASER MOVINGEFFECT LIGHT



8 x RGBW BEAMS

GOLDEN STROBE

RED / GREEN LASER

DUAL MOVING HEADS

120 W

17 CH

540 / 360

AC 100-240 V

READ THIS MANUAL BEFORE INSTALLATION OR OPERATION

Keep this manual for future reference, service and DMX programming.

PRODUCT OVERVIEW

Thank you for purchasing the X35 moving effect light. The fixture combines two independently moving RGBW beam heads, high-output golden strobe LEDs and red/green laser effects in one compact housing. It supports DMX512 control, master/slave operation, automatic programs, sound-active operation and infrared remote control for mobile DJs, parties, bars, clubs and compact stages.

BEFORE POWERING ON

Inspect the housing, screws, optical windows, power cable and ventilation openings. Secure the fixture and use an independent safety cable for overhead installation.

LASER / LIGHT SAFETY

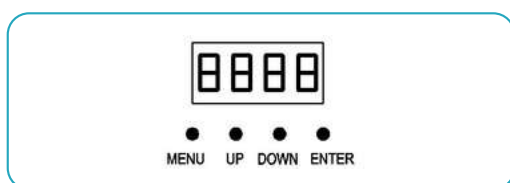
Do not stare into any optical aperture. Never aim laser output at people, animals, vehicles or aircraft. Avoid reflective surfaces and direct viewing.



TECHNICAL PARAMETERS

Item	Specification
Product Model	X35
Product Type	Double-head RGBW beam / golden strobe / red-green laser moving effect light
Power Supply	AC 100-240 V, 50/60 Hz
Rated Power	120 W
LED / Laser Sources	8 x 10 W CREE 4-in-1 LEDs; 8 x 5 W golden strobe LEDs; 100 mW red laser; 50 mW green laser
Heat Dissipation	Convection heat transfer, forced-air cooling and intelligent temperature-control protection
Lens	High-concentration optical lens
Control Protocol	International standard DMX512
DMX Channels	17 channels
Control Modes	DMX512, master/slave, automatic and sound-active
Remote Control	Infrared remote control
Dimming / Strobe	0-100% dimming; 0-20 flashes per second
Movement	Pan 540 degrees; two tilt axes with 360-degree continuous rotation
Movement Precision	8/16-bit fine adjustment; electronic automatic positioning
Display	0.39-inch 4-digit display with MENU, UP, DOWN and ENTER buttons
Dimensions / Weight	25 x 15 x 26 cm; net weight 2.9 kg

DISPLAY PANEL AND BUTTON OPERATION



Button	Function	Description
MENU	Menu	Move through menu groups or return to the previous item.
UP	Increase	Increase a value or move to the next option.
DOWN	Decrease	Decrease a value or move to the previous option.
ENTER	Confirm	Open a selection and save the selected value.

IMPORTANT OPERATING NOTES

- MENU: Select an item; use UP/DOWN to change the value, then press ENTER to confirm.
- DMX address: Set the correct starting address before connecting a controller.
- Master/slave: Connect compatible fixtures with a shielded 3-pin DMX cable.
- Power: Keep ventilation openings clear and disconnect mains power before installation or service.

DISPLAY MENU FUNCTIONS

Display	Value	Function / Remark
addr	A001-A512	Set the DMX starting address.
Chnd	17CH	Select the 17-channel DMX mode.
AUTO	Au01 / Au02 / Au03	Automatic effects 1, 2 and 3.
SOUN	Su1 / Su2; Se 1-15	Sound-active effects; sensitivity increases from low to high.
Pan	On / Off	Reverse the X-axis motor direction.
LED	On / Off	Enable display standby; screen turns off after 30 seconds.
DISP	On / Off	Reverse the display orientation.
rFIF	On / Off	Enable or disable the infrared receiver.
rEST	On / Off	Reset and restart the fixture.
TEST	T---	Run the internal test pattern.
Uer	H-71	Firmware version number.

DMX512 CHANNEL FUNCTIONS - CHANNELS 1-9

The X35 uses a standard 17-channel DMX512 profile. Set the correct starting address before connecting the controller. All values below are decimal values from 0 to 255.

CH	Function	DMX Value	Description / Remark
1	Pan	000-255	Rotate from 0 to 540 degrees.
2	Tilt 1	000-127	Position from 0 to 360 degrees.
2	Tilt 1	128-191	Turn clockwise; speed changes from slow to fast.
2	Tilt 1	192-255	Turn counterclockwise; speed changes from slow to fast.
3	Tilt 2	000-127	Position from 0 to 360 degrees.
3	Tilt 2	128-191	Turn clockwise; speed changes from slow to fast.
3	Tilt 2	192-255	Turn counterclockwise; speed changes from slow to fast.
4	Pan speed	000-255	Pan speed changes from fast to slow.
5	Master dimmer	000-255	Total brightness changes linearly from dark to bright.
6	Strobe	000-255	Strobe speed changes from slow to fast, up to 20 Hz.
7	Red beam	000-255	Red beam brightness changes from dark to bright.
8	Green beam	000-255	Green beam brightness changes from dark to bright.
9	Blue beam	000-255	Blue beam brightness changes from dark to bright.

DMX CONNECTION NOTES



- Use a proper shielded DMX cable rather than an audio microphone cable.
- Terminate the final fixture when required, especially on long cable runs.
- Avoid overlapping channel ranges unless identical fixture operation is intended.

QUICK DMX SETUP

- 1 Connect the controller DMX OUT to the fixture DMX IN.
- 2 Set the fixture display to the required address from A001 to A512.
- 3 Patch 17 consecutive channels on the controller.
- 4 Raise the master dimmer and the required beam, strobe or laser channels above zero.
- 5 Use channel 16 for automatic or sound-active macro playback when required.



DMX512 CHANNEL FUNCTIONS - CHANNELS 10-17

CH	Function	DMX Value	Description / Remark
10	White beam	000-255	White beam brightness changes from dark to bright.
11	Golden strobe	000-255	Golden strobe brightness changes from dark to bright.
12	Red laser	000-005	Off.
12	Red laser	006-255	On.
13	Green laser	000-005	Off.
13	Green laser	006-255	On.
14	LED effect macro	000-005	No function.
14	LED effect macro	007-132	Effect 1; speed changes from slow to fast.
14	LED effect macro	133-255	Effect 2; speed changes from slow to fast.
15	Motor macro	000-005	No function.
15	Motor macro	006-255	Motor macro speed changes from very slow to fast.
16	Full-light macro	000-051	No function.
16	Full-light macro	052-102	Automatic program 1.
16	Full-light macro	103-153	Automatic program 2.
16	Full-light macro	154-204	Automatic program 3.
16	Full-light macro	205-250	Sound-active slow movement.
16	Full-light macro	251-255	Sound-active control.
17	Reset	000-200	No effect.
17	Reset	201-255	System reset after the value is held for 3 seconds.

DMX PROGRAMMING CHECKLIST

- 1 Select valid DMX start address and reserve 17 consecutive controller channels.
- 2 Raise channel 5 master dimmer above zero before checking beam or strobe output.
- 3 Use channels 2 and 3 for independent tilt control of the two moving heads.
- 4 Use channels 12 and 13 to enable the red and green laser outputs.
- 5 Use channel 16 values 052-204 for automatic programs or 205-255 for sound-active playback.

CONTROL MODE SUMMARY

Mode	How to select	Main use
DMX manual	Set a DMX address and control channels 1-17.	Full control of movement, color, dimmer, strobe and laser output.
Automatic	Use Au01-Au03 or channel 16 values 052-204.	Built-in show playback without a controller.
Sound-active	Use Su1/Su2 or channel 16 values 205-255.	Built-in effects respond to music through the microphone.
Master/slave	Set one fixture as master and compatible fixtures as slaves.	Synchronized playback across multiple fixtures.
Remote control	Enable rFIF and aim the remote toward the infrared sensor.	Fast mode, effect and sensitivity adjustments without DMX.

REMOTE CONTROL OPERATION

Before using the remote control, remove the plastic battery-insulation tab from the bottom. Point the remote toward the infrared receiver on the fixture.



Button	Function
ON	Enable infrared control and enter automatic mode.
OFF	Disable infrared control.
DMX	Select DMX mode.
AUTO	Cycle through automatic programs.
speed+	Increase beam/effect speed.
speed-	Decrease beam/effect speed.
voice	Select sound-active control.
mic+	Increase microphone sensitivity.
mic-	Decrease microphone sensitivity.
1	Red beam automatic effect.
2	Green beam automatic effect.
3	Blue beam automatic effect.
4	White beam automatic effect.
5	Golden strobe effect.
6	Red/green laser plus golden strobe effect.
7	Red laser effect.
8	Green laser effect.
9	Red and green laser effect.
0	Automatic mode A2.
*	Sound-active mode S1.
#	Sound-active mode S2.

SAFETY, INSTALLATION AND MAINTENANCE

DISCONNECT POWER

Disconnect the fixture from mains power before installation, inspection, cleaning or maintenance. Allow optical and housing components to cool before touching them.

- Read and understand the manual before use.
- Keep the fixture dry and protect it from rain or prolonged humidity.
- Keep ventilation openings clear while operating.
- Use only a properly grounded supply within the rated voltage range.
- For overhead use, install a suitable clamp and an independent safety cable.
- Avoid direct viewing of LED and laser apertures.
- Never aim laser output at people, animals, vehicles or aircraft.
- Internal service must be performed by qualified personnel.

RECOMMENDED CLEANING AND INSPECTION

Interval	Procedure
Weekly	Wipe the outer housing with a soft, slightly damp, lint-free cloth.
Monthly	Clean optical windows carefully with professional optical or glass cleaner and a soft cloth.
Monthly	Remove dust from ventilation openings and confirm that cooling airflow is unobstructed.
Before overhead use	Inspect screws, mounting points, clamp and the independent safety cable.
As required	Stop using the fixture if there is abnormal noise, smell, heat, light output or movement.

STARSHINE LIGHTS SUPPORT

Product Model: X35
Keep the product serial number and purchase information available when requesting support.

Website: www.starshinelights.com

