



STARSHINE LIGHTS PRODUCT MANUAL



E11 RAINPROOF 3000W DMX FOG MACHINE

Thank you for purchasing the E11 Rainproof 3000W DMX Fog Machine. Read this manual completely before installation or operation, and keep it for future reference.

3000 W

High-output fog system

1 CH

DMX-512 control

~5 MIN

Typical warm-up

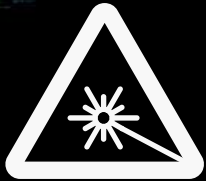
RAIN

Rainproof housing



RAINPROOF - DO NOT IMMERSE

MODEL	E11
PRODUCT TYPE	Rainproof DMX fog machine
RATED POWER	3000 W
CONTROL METHODS	DMX-512, manual, timer and wireless remote
DMX MODE	1 channel
OUTPUT CONTROL	1-100%
WARM-UP TIME	Approximately 5 minutes
POWER FREQUENCY	50 / 60 Hz setting



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BEFORE FIRST USE

Safety & Installation



Hot fog and hot surfaces. Never aim the nozzle at people, animals or flammable materials. The housing may reach approximately 40-80°C during operation.

Safety Requirements

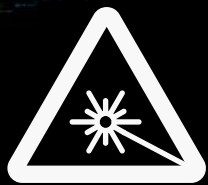
- Adult operation only. Keep the machine and fog fluid away from children.
- Use only the voltage shown on the product label and connect to a properly grounded outlet.
- Switch off and unplug before filling, cleaning or servicing.
- Keep the machine horizontal. Do not tilt it or place it upside down.
- Do not spray toward people, animals, open flames or ignition sources.
- Keep at least 100 cm clear in front of the nozzle and 20 cm around the housing for ventilation.
- Keep flammable materials at least 300 cm away.
- The housing is rainproof only. Never immerse it or allow standing water around the unit.
- No user-serviceable parts are inside. Use a qualified technician for repairs.

Installation Steps

- 1 Unpack**
Remove all packaging, especially any protection fitted around the fog outlet.
- 2 Position**
Place the unit horizontally on a stable surface, or mount it with a suitable hanger. Keep the output angle below 15°.
- 3 Fill**
Open the tank and add high-quality fog fluid. Unsuitable fluid may damage the pump and heater.
- 4 Secure**
Tighten the tank cap and check that the suction tube is correctly positioned.
- 5 Connect controls**
Connect the wired remote console if used. Wireless remote can be enabled in the menu.
- 6 Power on**
Connect to a grounded power supply and turn the power switch ON.

IMPORTANT

Running the machine without fog fluid can cause serious damage. Check the fluid level frequently during use and keep low-fluid protection enabled during normal operation.



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OPERATION

Controls & Digital Display

-UP-

Heating

The unit is warming up. Typical warm-up is about 5 minutes.



Ready

Circular lines indicate that heating is complete and fog output is available.

Error

Lowfluid

Switch off, refill with fog fluid, then restart the unit.

Button Functions

BUTTON	STANDBY / OPERATION	MENU SETTING
MENU	Short press to enter menu. Long press to enter advanced settings.	Move between menu items; press ENTER to confirm.
UP	Short press for manual fogging. Press ENTER to stop. During fogging, UP/DOWN adjusts output.	Increase the selected value.
DOWN	Short press to start timer mode. Press ENTER to stop. During fogging, UP/DOWN adjusts output.	Decrease the selected value.
ENTER	Confirm or stop the current manual/timer output. Long press to view the current temperature.	Confirm and save the selected setting.

Menu Reference

CODE	VALUE	FUNCTION
A001	1-512	DMX address
P100	1-100	Fog output level
I010	1-900	Timer interval
0010	1-900	Timer duration

CODE	VALUE	FUNCTION
H303	xxx	Highest temperature setting/readout
L259	xxx	Lowest temperature setting/readout
O	ON/OFF	Low-fluid protection
h50	50/60	Power frequency
r	ON/OFF	Wireless remote
b	ON/OFF	Display backlight
rEst	-	Press UP or DOWN to reset

Wireless Remote

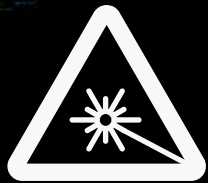
UNLOCK

Start fogging

LOCK

Stop fogging

When a DMX signal is present, DMX control has priority and manual, timer and remote functions are disabled.



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SERVICE REFERENCE

DMX, Maintenance & Troubleshooting

DMX-512 Channel

CHANNEL	FUNCTION	VALUE	DESCRIPTION
1	Fog output	0-255	0-100% fog output

DMX input takes priority over manual, timer and remote operation.

Maintenance

- After each use: stop output, switch off, unplug and allow the unit to cool.
- Keep the housing, vents, tank and nozzle clean. Tighten the tank cap after adding fluid.
- Every 40 operating hours: flush the internal line with 80% distilled water and 20% white vinegar.
- When fully cool, remove the nozzle and clean it with vinegar to prevent blockage. Refit securely.
- Do not open the housing. Contact the distributor or a qualified technician for internal repair.

Use only high-quality fog fluid. Unsuitable fluid can damage the heater, pump and internal tubing.

Troubleshooting

No fog or weak fog

Switch off. Check fluid level, power and fuse; inspect the nozzle for blockage.

Pump noise

Stop operation and confirm that sufficient fog fluid is reaching the pump.

Display shows Error

Switch off, refill the tank, then turn the power on again.

Remote not working

Check the connection and set menu item r to ON.

Timer not running

Check l010 interval and o010 duration settings.

Problem continues

Stop using the unit and contact the distributor or a qualified technician.