



AtmosFX Fan 8E

DMX-CONTROLLED STAGE FAN

USER MANUAL



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RayGlimz Lighting

Read this manual before use and retain it for future reference.

1 Product overview

AtmosFX Fan 8E provides three fan speeds, 0-220° airflow direction adjustment and DMX control for stage effects. The product photograph shows the unit without the optional FA-800H mounting bracket.

2 Technical reference

Item	Specification
Model Code	AtmosFX Fan 8E
Power Consumption	820 W
Power Supply	230 V, 50 Hz
DMX Channel Modes	1 CH
Fan Speeds	1100 / 1300 / 1400 rpm
Direction Adjustment	0–220°
Stated Maximum Airflow	82 m³/min
DMX Connections	3-pin XLR
Dimensions Without Bracket	490 × 390 × 490 mm (L × W × H)
Weight Without Bracket	14 kg
Optional Mounting Bracket	FA-800H

The FA-800H mounting bracket is an optional item. The dimensions and weight above apply without that bracket; they do not describe every possible mounting configuration.

3 Safety precautions

Power and condition. Match the supply to the rating label and use a protected, correctly earthed circuit. Keep leads undamaged and fully clear of heat and traffic. Do not use an external dimmer. Keep the product dry; do not expose it to rain or liquid ingress.

Rotating parts. Keep guards fitted. Keep fingers, clothing, hair, cables and loose objects away from the inlet and outlet. Do not insert tools or attempt to clear a running fan.

Airflow and surroundings. Direct the discharge away from people and unsecured materials. Check that airflow cannot displace equipment, blow debris into the audience or obstruct an escape route.

Placement and access. Use a secure, level support with free ventilation. Keep combustible materials away. Protect the equipment from unauthorised operation and do not leave an active effect unattended. Suspended or inverted use must be supported by product-specific mounting instructions, rated accessories and competent installation. Do not improvise mounting points.

Moving and adjustment. Stop the fan, disconnect power and wait for the impeller to stop before repositioning, changing its direction or cleaning the guards. The optional bracket must be installed using instructions for that accessory.

4 Setup and startup

1. With power disconnected, check the enclosure, guards, cable and support. Remove loose materials around the airflow path.
2. Set the required direction and secure the product before starting. Keep the inlet and outlet clear.
3. Connect the supply shown on the label. Use the operating control for your unit to command a supported speed, beginning with the lowest suitable setting.
4. Test airflow before a live event. Recheck stability and the effect on nearby materials. Keep personnel clear while it is operating.

5 Control panel and operation

Use the panel buttons to select the required fan setting. Check the displayed selection before starting the fan.

For local operation, stop output from the DMX controller and disconnect the incoming DMX signal before operating the panel. Keep the output area clear when changing settings.

Local fan control. Select one of the three speed settings: 1100, 1300 or 1400 rpm. Start with the lowest suitable speed, check the effect on nearby materials, then increase if required.

Direction adjustment. Stop and disconnect the fan, then wait for the impeller to stop. Adjust the airflow direction within the 0-220° range and secure the unit before restarting.

6 DMX control

1. Connect the controller output to the machine DMX IN using a DMX data cable. Use DMX OUT to continue the signal to the next unit when required. Match the connector to the socket on the machine.
2. Open the DMX address setting on the control panel and set the start address to match the controller patch. When a channel mode is selectable, use the same mode in the machine and controller profile.
3. Keep output at zero while patching. Once the machine is ready, test one unit at a time, then stop the output before changing connections or settings.

DMX channel modes: 1 CH.

7 Shutdown

Stop the fan using its operating control, then switch off and disconnect the supply. Wait for rotation to stop before handling or adjusting the unit. Stop use immediately if there is damage, abnormal noise or an electrical fault.

8 Maintenance and transport

Disconnect power before cleaning and handling. Keep the exterior and ventilation areas free of dust using a soft dry cloth or brush. Do not spray liquid into the product, use solvents or open the enclosure. Internal repairs belong with qualified service personnel.

Allow the impeller to stop before working near the guards. Clean only accessible external surfaces. Keep guards in place; an object lodged inside the fan requires service rather than reaching through the grille. Secure the product against movement during transport.

9 Troubleshooting

Symptom	Action
Fan does not run	Check the rated supply, power switch, cable seating and operating command. Disconnect before inspecting external connections.
Weak or obstructed airflow	Stop and disconnect the unit; wait for the impeller to stop. Check external guards and airflow paths for obstruction without removing guards.
DMX does not respond	Check DMX cable direction, controller output, address and the profile that matches the unit. Use the correct one-channel definition.
Noise vibration or unstable support	Stop and disconnect the unit. Check external support and visible damage. Do not resume use if the fault persists.
Abnormal smell heat or repeated tripping	Stop use and isolate power if safe. Do not bypass protection or attempt internal repairs.

10 Technical support

Contact RayGlimz through www.rayglimz.com. Include the product model, serial number, supply voltage, the issue and photographs where useful. Provide the firmware or display version when available. Confirm the purchase-specific service and warranty terms with your supplier.