



Magnum 2500 Hz

The Magnum 2500 Hz is a plug-and-play, easy-to-use hazer suitable for DJ's, smaller venues, bars, and clubs. With a large fluid container and optional DMX the hazer is ideal for installations.

Calibration factors for the Magnum 2500Hz and the Jem Pro Haze Fluid have been developed for comparing measured theatrical smoke, fog and haze concentrations with the Peak Guidance levels required and developed for the Actors' Equity Association.

FEATURES

TECHNICAL SPECIFICATIONS

GALLERY



Physical

Length: 455 mm (18.0 in.)
Width: 285 mm (11.3 in.)
Height: 280 mm (11.1 in.)
Weight, dry: 11.9 kg (26.3 lbs.)
Weight, filled: 15.7 kg (34.6 lb.)

Performance

Coverage volume: 2500 m³ (88,287 ft³) per minute
Fluid consumption (max): 10.5 ml per minute
Continuous effect output
Ready time: 6 - 8 minutes

Control and Programming

Control options: Included timer remote control, optional analog DMX, machine link mode

Control parameters: Continuous or timer controlled output
Haze and fan: Proportionally controlled haze and fan: 0-100%
DMX channels: 1
DMX compliance: ANSI E1.11 - USITT DMX512-A

Construction

Housing: Steel & aluminum
Color: Black and silver
Heat exchanger: 900 W, thermally protected
Blower fan: Integrated, 200-2800 RPM
Fluid pump: Oscillating piston, high pressure
Fluid reservoir: 3.8 l concealed reservoir with quick-connect fitting
Fluid management: Fluid out sensing, sealed for transportation, visual fluid level gauge
Remote control: Includes 3 m (9.8 ft.) lead terminated to RJ45, internal storage

Installation

Mounting: Standing
Orientation: Up to +/- 30° from Horizontal
Clearance around machine: 100 mm (4 in.)

Connections

AC power: IEC male inlet, C14
Optional DMX in/out: 3-pin locking XLR
Remote control/machine link in/out: RJ45

Electrical

EU model

AC power: 220-240 V, 50/60 Hz
Main fuse: 6.3 AT, (slow blow), 250 V
Typical power and current: 920 W, 4.15 A*

US model

AC power: 100-130 V, 50/60 Hz
Main fuse: 10 AT (slow blow), 125 V
Typical power and current: 920 W, 8 A*

*Measurements made at nominal voltage. Allow for a deviation of +/- 10%

Thermal

Maximum ambient temperature (Ta max.): 40° C (104° F)
Minimum ambient temperature (Ta min): 5° C (41° F)
Exterior surface temperature, steady state: 40° C (104° F)
Max. nozzle temperature: 200° C (392° F)

Approvals

EU model
EU safety: EN 60335-1+A15, EN 62233
EU EMC: EN 61000-6-3
EU immunity: EN 61000-6-1
Australia/NZ (pending): RCM

US model
US safety: UL Std. 998
Canada safety: CSA Std. C22.2 No 104-01
Calibration factors have been developed and approved by the Actors' Equity Association and the Broadway League for use in measuring theatrical haze with the Magnum 2500Hz and RUSH™ Haze Fluid and JEM™ Pro Haze Fluid

Included Items

Fluid reservoir, 3.8 l: P/N 34300537
Power input cable, EU, IEC C13 female, stripped ends, 1.5 m (4.9 ft.): P/N 11501012
Power input cable, US, IEC C13 female, molded NEMA 5-15P, 3 m (9.84 ft.): P/N 11501502
Timer remote control: P/N 92765033

Accessories

Martin™ Magnum 2500Hz, DMX interface: P/N 91612011

Approved fluids

RUSH™ Haze Fluid
JEM™ Pro Haze Fluid (discontinued)
JEM™ Pro Clean Supreme

**Various sizes available - contact your dealer or see 'Fluids' product pages for details*

Service tools

Epsilon 5 AVR Programmer: P/N 50502004
Temperature calibration box: P/N 62620005

Ordering Information

Martin™ Magnum 2500Hz, EU: P/N 92225450
Martin™ Magnum 2500Hz, US: P/N 92225400

