



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

- Optional DMX interface
- Timer and output level remote control
- Internal remote control storage
- Continuous output
- Output and density level control
- 2500 m³/min fog output
- Integrated fan
- Linkable - up to 4 units can be operated at the same time with one remote. DMX - unlimited channels are available
- 900 W heat exchanger
- 3.8 liter fluid capacity
- Fluid-out sensing

TECHNICAL SPECIFICATIONS

Physical

Length: 455 mm (18.0 in.)
Width: 285 mm (11.3 in.)
Height: 280 mm (11.1 in.)
Dry weight: 11.9 kg (26.3 lbs.)

Performance

Coverage volume: 2500 m³ per minute
Operating time: Continuous, automatic level adjustment
Warm-up time (approx.): 6 - 8 minutes

Control and Programming

Control options: DMX (optional accessory), Timer Remote
Control options: Instant or timer-controlled variable output
DMX channels: 1
Protocol: USITT DMX512/1990

Construction

Housing: Steel & aluminum
Heat exchanger: 900 W, direct thermal protection

Fluid System

Fluid pump: Oscillating piston, high pressure
Onboard fluid capacity: 3.8 l
Fluid consumption at peak output: 10.5 ml/min

Installation

Orientation: Floor

Connections

Power connection: 3-pin IEC male socket
DMX (with optional DMX interface): 3-pin and 5-pin XLR sockets
Remote control: RJ-45

Electrical

AC power (EU models): 220-240 V nominal, 50 Hz
AC power (US models): 110-120 V nominal, 60 Hz
Main fuse (220-240 V power): 6.3 A

Main fuse (110-120 V power): 10 A

Typical Power and Current

US model:

110 V, 60 Hz: 869 W, 7.9 A

115 V, 60 Hz: 950 W, 8.5 A

120 V, 60 Hz: 1034 W, 8.61 A

EU model:

220 V, 50 Hz: 869 W, 3.9 A

230 V, 50 Hz: 950 W, 4.13 A

240 V, 50 Hz: 1034 W, 4.3 A

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

Thermal

Maximum ambient temperature (Ta max.): 40° C (104° F)

Exterior surface temperature, steady state: 40° C (104° F)

Max. nozzle temperature: 200° C (392° F)

Approvals

EU safety: EN 60 335-1 (1995)

EN 61000-6-3, EN 61000-3-2, EN 61000-3-3, EN 50366

ETL approvals (cETLus): UL Std.998, CAN/CSA Std. C22.2 No 104-01

Immunity: EN 61000-6-1

EN 61000-4-2

EN 61000-4-3

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 JEM Pro Haze Fluid™:

Included Items

User manual: P/N 35010030

1.5 m power cable, IEC, w/o plug

3 m power cable with 3-pin IEC female connector (US model)

Container 3.8 l: P/N 34300537

Remote control

Accessories

Pro Haze (Haze mix) fluid

DMX Interface: P/N 91612011

Remote control: P/N 92765033

Ordering Information

Martin Magnum™ 2500 HZ, 110 V: P/N 92225400

Martin Magnum™ 2500 HZ, 240 V: P/N 92225450



A C C E S S O R I E S



DMX interface
Magnum
1200/2500
P/N: 91612011



Pro Haze Fluid 2.5
gal./9.5L
P/N: 97120401



Pro Haze Fluid
220L
P/N: 97120405



Pro Haze Fluid 25L
P/N: 97120424



Pro Haze Fluid
4x2.5L
P/N: 97120400



Pro Haze Fluid
4x5L
P/N: 97120402



Remote Cntrl.
Magnum 2500Hz
P/N: 92765033