

RUSH™

by Martin

RUSH SM 850™



**PRODUCTS RELY ON
PASSIONATE PEOPLE**

MEET YOUR NEW COMPANION

RUSH SM 850™

The highly anticipated replacement of the Magnum 850, the RUSH SM 850, is one of several products in a brand new line of atmospheric effects from RUSH by Martin. The RUSH SM 850's clean industrial design is complemented by market-leading features including a 4-channel wireless remote control system and a blue LED-illuminated fluid container with a rear-view level indicator and a carrying handle for easy transportation. An ideal companion for mobile DJs and bands and effective in small nightclubs that require high output at an attractive price point.

Features:

- 850 W heater element
- 200 m3 per minute output
- 8-minute heat-up time
- 1.6-liter fluid capacity
- Blue LED-illuminated fluid container with level indicator
- Rugged carrying handle
- Steel housing
- 4-channel wireless and wired remote control
- Handheld remote control

Preliminary Specifications

Physical	Thermal
Weight: 7.3 kg (16 lbs.)	Maximum ambient temperature (Ta max.): 40° C (104° F)
Dimensions (LxWxH): 411 x 294 x 309 mm (16.2 x 11.6 x 12.2 in.)	Minimum ambient temperature (Ta min.): 5° C (41° F)
	Exterior surface temperature, steady state: 50° C (122° F)
	Maximum nozzle temperature: 300° C (572° F)
Performance	Approvals
Max. smoke output*: 200 m3/minute	EU model
Max. operating time at full output*: 45 seconds	EU safety: EN 60355-1
Warm-up time*: 8 minutes	EU EMC: EN 61000-6-1, EN 61000-6-3
*Figures are approximate	EU RTTE (wireless remote): EN 60950-1, EN 30220-1, EN 300220-2
	Australia/NZ: C-TICK N4241
Control	US model
Control options: Dedicated wired / 4-button wireless remote control	US safety (pending): UL Std. 998
	US EMC: FCC Part 15 Class A
Construction	US EMC (wireless remote): FCC ID pending
Color: Black	Canadian safety (pending): CSA C22.2 No. 104-01
Housing: Steel	
Protection rating: IP20	
	Included items
Fluid system	User manual
Pump: Oscillating piston, high pressure	1.5 m power cable (no mains plug on EU model)
Fluid capacity: 1.6 l (0.42 gal.)	4.5 m wired remote control
Consumption at peak output: 60 ml/minute	4-channel wireless remote control and receiver
Installation	Accessories
Mounting: Adjustable bracket, surface or truss mount	Half-coupler clamp: P/N 91602005
Orientation: Up to +/- 45° from horizontal	G-clamp (vertical hanging suspension only): P/N 91602003
Location: For indoor use only	Quick-trigger clamp (vertical hanging suspension only): P/N 91602007
Minimum distance to combustible materials: 1 m (39.4 in.)	Safety wire, SWL 50 kg: P/N 91604003
Minimum clearance around vents: 0.5 m (19.7 in.)	
	Related Items
Connections	RUSH ELX™ Smoke Fluid, 4 x 5 l: P/N 97120065
AC power in: IEC	
Wired remote control: 5-pin DIN	
Wireless remote control receiver: 5-pin DIN	
	Ordering Information
Electrical	RUSH SM 850™ EU model: P/N 90480100
AC power, EU model: 220-240 V nominal, 50 Hz	RUSH SM 850™ US model: P/N 90480105
AC power, US model: 100-120 V nominal, 60 Hz	
	<i>Specifications are subject to change without notice.</i>
Typical power and current	<i>For the latest product specifications, see www.martin.com</i>
100 V, 60 Hz: 950 W, 9.0 A	
120 V, 60 Hz: 950 W, 7.5 A	
240 V, 50 Hz: 900 W, 3.8 A	

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About Martin Professional

As a world leader in the creation of dynamic lighting solutions for the entertainment, architectural, and commercial sectors, Martin lighting and video systems are renowned the world over. Martin also offers a range of advanced lighting controllers and media servers, as well as a complete line of smoke machines as a complement to intelligent lighting. Martin operates the industry's most complete and capable distributor network with local partners in nearly 100 countries. Founded in 1987 and based in Aarhus, Denmark, Martin is the lighting division of global infotainment and audio company HARMAN International Industries.

For more information please visit



HARMAN (www.HARMAN.com) designs, manufactures and markets a wide range of audio and infotainment solutions for the automotive, consumer and professional markets – supported by 15 leading brands, including AKG®, Harman Kardon®, Infinity®, JBL®, Lexicon® and Mark Levinson®. The Company is admired by audiophiles across multiple generations and supports leading professional entertainers and the venues where they perform. More than 25 million automobiles on the road today are equipped with HARMAN audio and infotainment systems. HARMAN's highly competent workforce is employed across the Americas, Europe and Asia.