



# Atomic 3000 DMX

The Atomic 3000 DMX is a powerful and rugged, 3000 W high-impact strobe.

## FEATURES

## TECHNICAL SPECIFICATIONS

### Physical

Length: 425 mm (16.7 in.) without bracket

Width: 245 mm (9.6 in.) without bracket

Height: 240 mm (9.4 in.) without bracket

Weight: 7.5 kg (16.5 lbs.) without bracket

### Dynamic Effects

Variable strobe: 0 - 650 ms (50 Hz supply), or 0 - 530 ms (60 Hz supply)

Strobe rate: 0 - 25 flashes/second (50 Hz supply), 0 - 30 flashes/second (60 Hz supply)

Blinder effect: Continuous with auto fade

Strobe intensity: Blackout - maximum

Special effects: Ramp up, ramp down, ramp up-down, random flash, lightning, spikes, blinder, single flash

### Control and Programming

Control options: DMX, stand-alone, multi-fixture chase (with Detonator remote), MC-1 DMX channels: 1, 3, and 4 channel modes

Stand-alone control: Via N.O. or N.C. SPST switch

Stand-alone options: Selectable flash rate or blinder effect

Setting and addressing: DIP switch

DMX Compliance: USITT DMX512/1990

Receiver: RS-485

### Lamp

Type: Xenon discharge

Approved lamps: MAX-15 Xenon (200-240 V power), MAX-7 Xenon (100-120 V power)

### Construction

Housing: Steel

Finish: Electrostatic powder-coated

Color: Black

### Installation

Minimum distance to combustible materials: 0.5 m (1.7 ft.)

Minimum distance to illuminated surfaces: 1 m (3.3 ft.)

Minimum clearance around fan and air vents: 0.1 m (0.4 ft.)

Orientation: Any

Mounting points: Five 12 mm (0.5 in.) holes in mounting bracket

### Connections

Power connection: 1.5 m (4.9 ft.) cable tail, 14 AWG

DMX data in/out: 3-pin and 5-pin XLR sockets

### Electrical

AC power (MAX-7 model): 100-120 V nominal, 50/60 Hz

AC power (MAX-15 model): 200-240 V nominal, 50/60 Hz

Peak current consumption: 33 A

Typical current consumption (MAX-15, high power mode): 8 A

Main fuse (all AC power voltages): 20 AT (slow blow), 250 V

Power supply unit: Auto-ranging electronic switch-mode

AC mains power cable: 14 AWG or 2.5mm<sup>2</sup>

### Thermal

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

Minimum ambient temperature (Ta min.): 5° C (41° F)

Maximum lamp socket temperature: 120° C (248° F)

### Approvals

EU safety: EN 60598-1, EN 60598-2-17

EU EMC: EN 50 081-1, EN 50 082-1

US safety: ANSI/UL 1573

Canadian safety: CSA C22.2 No. 166

### Included Items

MAX-15 Xenon lamp (installed, EU model): P/N 97010307

MAX-7 Xenon lamp (installed, US model): P/N 97010308

User manual: P/N 35000094

### Accessories

Atomic Detonator: P/N 90760020  
Atomic Colors for Atomic 3000: P/N 91611086  
G-clamp: P/N 91602003  
Half-coupler clamp: P/N 91602005

Spare Parts

MAX-15 lamp for use with 200-240 V power: P/N 97010307  
MAX-7 lamp for use with 100-120 V power: P/N 97010308  
Main fuse (20 AT): P/N 05020040

Ordering Information

Atomic 3000 DMX EU model (MAX-15 lamp, 200-240 V): P/N 90424200  
Atomic 3000 DMX US model (MAX-7 lamp, 100-120 V): P/N 90424300



A C C E S S O R I E S



Atomic Colors for  
Atomic 3000  
P/N: 91611086



Detonator, Atomic  
Remote Ctrl.  
P/N: 90760020



G-Clamp  
P/N: 91602003



Half-coupler  
clamp for Ø50  
P/N: 91602005



Lamp MAX-15  
Strobe, Xenon, EU  
P/N: 97010307



Lamp MAX-7  
Strobe, Xenon, US  
P/N: 97010308



MPU-02 ext.PSU  
Atomic3000  
P/N: 91611084



MPU-08 ext.PSU  
Atomic3000  
P/N: 91611085