



GALLERY



# JEM AF-1 MkII

The JEM AF-1 MkII is Martin's industry-standard compact fan which sets the benchmark for effect fans. The JEM AF-1 MkII is more responsive and even more versatile than its original predecessor the AF-1. Using a 12" sealed axial motor, with variable speed, the AF-1 is responsive even at low speeds while remaining silent, only producing 70 dBA at maximum speed. The AF-1 MkII has integrated DMX or by using the included remote control to control, it is the ideal fan for a large variety of indoor or outdoor applications from touring and stage to theme parks, cruise ships and much more.

Integrated DMX and included remote control

Instant On

Low noise, 70 dBA at maximum output

## FEATURES

- 12" Sealed motor – resists moisture
- Variable speed range and control
- Instant On
- Low minimum speed
- Integrated DMX
- Included analog timer remote control
- Reduced motor noise at low speeds, 70 dBA at maximum
- Floor standing or truss mounting
- Broad regulatory compliance

## TECHNICAL SPECIFICATIONS

### Physical

Width: 320 mm (12.6 in.)  
Width with multi-function bracket: 397 mm (15.6 in.)  
Height: 350 mm (13.8 in.)  
Height with multi-function bracket: 407 mm (16.0 in.)  
Depth: 176 mm (6.9 in.)  
Weight: 8.5 kg (18.7 lb.)

### Performance

Maximum airflow: 1815m<sup>3</sup> (65 000 ft<sup>3</sup>) / hour  
CFM: 1083 CFM  
Fan speed: 200-2500 rpm  
Noise level (max): 70 dBA

### Control and Programming

Control options: Included analog timer remote control, DMX, test switch  
Control parameters: Instant or timer-controlled output  
Fan: Variable output, 0-100%  
Remote cable: 3-pin XLR, includes 3 m (9.8 ft.), maximum length 50m (164 ft.)  
DMX channels: 1  
DMX compliance: ANSI E1.11 - USITT DMX512-A

### Construction

Housing: Steel  
Color: Black  
Fan: 12" Sealed axial motor  
Multi-function bracket: Integrated yoke w/safety attachment point

### Installation

Mounting: Floor or hanging  
Orientation: Any  
Minimum clearance around machine: 101 mm (4 in.)

#### Connections

AC Power, EU: IEC male inlet, C14  
AC Power, US: Hardwired mains, 3 m (9.8 ft.), NEMA 5-15P  
DMX in/out: 3- and 5-pin locking XLR  
Remote control: 3-pin locking XLR

#### Electrical

##### EU Model

AC Power: 220-240 V, 50/60 Hz  
Fuse: 5 AT (slow-blow), 250 V  
Typical power and current: 120 W, 0.53 A\*

##### US Version

AC Power: 100-130 V, 50/60 Hz  
Fuse: 3.15 AT (slow blow), 125 V  
Typical power and current: 175 W, 1.48 A\*  
*Measurements made at nominal voltage. Allow for a deviation of +/- 10%.*

#### Thermal

Minimum ambient temperature: 0° C (32° F)  
Maximum ambient temperature: 55° C (131° F)

#### Approvals

##### EU Model:

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

##### US Model:

US safety: UL Std. 507 - 9th edition + R:04  
Canada safety: CSA C22.2 No.113:2015

#### Included Items

Analog timer remote control, 3 m (9.8 ft.) cable: P/N 92765022  
Power input cable, EU, IEC C13 female, stripped ends, 1.5 m (4.9 ft.): P/N 11501012  
Multi-function bracket and hardware

#### Accessories

##### Installation Accessories

Half-coupler clamp: P/N 91602005  
G-clamp (vertical hanging suspension only): P/N 91602003  
Quick trigger clamp (vertical hanging suspension only): P/N 91602007  
Safety cable, SWL 60 kg, BGV C1/ DGUV 17, black: P/N 91604006

##### Service Tools

Epsilon 5 AVR Programmer: P/N 50502004

#### Ordering Information

JEM™ AF1 MkII, US: P/N 92615110  
JEM™ AF1 MkII, EU: P/N 92615010

