

M1™



M1, THE DESIGNERS CHOICE

**Martin**<sup>®</sup>  
by HARMAN

# The control solution

**M1 is the next generation lighting controller from Martin Professional. With the full power of a larger desk and the agility of a smaller one, the M1 is a state-of-the-art, all-in-one lighting desk.**

Following the philosophy and simplicity of our current controller platform, the Martin M1 sets a new standard as the most powerful and affordable full-featured lighting console on the market.



## Specifications

### Physical

Length: 823 mm (32.4 in.)

Width: 464 mm (18.3 in.)

Height: 178 mm (7.0 in.) closed; 395 mm (15.6 in.) open

Weight: 14.4 kg (31.7 lbs.)

### Control and Programming

Protocol: DMX512A (RDM), Artnet2

4 DMX universes, expandable to 16

2048 channels, expandable to 8192

No limit to number of DMX channels per fixture

Extensive fixture library for all known manufacturers  
65000 presets for each group of functions (P/T, color, gobo, etc.)

Effect generator for automated programming of complex effects

Relative or absolute programming

Fan function for all channels (including timing parameters)

On-the-fly global timing changes

Virtual cuelists

Macros

Wait, follow and link cues

HTP, LTP, chase, timecode, submaster and group master playback functionality

Individual parameter timings

Intuitive patch feature

Fixture type cloning

All channels with 16-bit resolution

### Control/User Interface

#### Main playback

10 x 60 mm (2.4 in.) playback faders, each with four function-assignable buttons

#### Sub playback

24 playbacks

12 x 40 mm (1.6 in.) playback faders with one assignable button

12 x single assignable buttons

### Other controls

2 x scrollwheels for bank changes

12 x customizable multi-function keys

Playback Select button

Master Go section with Go, Pause, Snap and Release

4 x digital rotary encoders with push function and status LED for fixture parameter control

5 x dynamically labeled digital LCD buttons for parameter groups, effect parameters, fanning and global timings

Grand master fader and button

Blind/preview button

Customizable highlight/lowlight function

Customizable parameter defaults

Next/last fixtures/groups

Trackball with pan/tilt control switch

Left/right mouse button

Large command keys

### Playback

Assign a cue, cuelist or effect to any playback fader

500 playback banks, each containing 10 playbacks

500 sub playback banks, each containing 24 playbacks

100 pages of 100 playbacks activated by touchscreen button

No limit to cues per cuelist

Full 16-bit fading for high-resolution fixtures

Individual fade in/fade out times for all playbacks

Manual override available at all times

Live 0-1000% override of global cue timings

Live programmer timing (Sneak)

Cuelists can be executed in tracking or non-tracking mode

### Hardware

Industrial 13.1-inch TFT 16:9 touchscreen (1280 x 800 pixels)

Internal SSD 2.5 hard disk drive

Modular construction

Industrial motherboard with Intel dual core processor

2GB RAM

Integrated graphics

2 x dimmable XLR desk lamp connections

### Software

Industrial Windows 7 embedded OS

OS installation by USB storage device

Show backup on hard disk or USB storage device (not included)

Support for ELO and Win7 Generic USB Touchscreen

### Connections

4 x DMX universe outputs: 5-pin locking XLR

External monitor screen: VGA or DVI (up to 3 external touchscreens when used with Matrox TripleHead2Go)

Artnet for up to 16 DMX universes in total: RJ-45

MaxNet controller link: RJ-45

2 x M-Series Module interfaces: RJ45 Ethercon

7 x storage media/hardware peripherals: USB 2.0

MIDI in/out/thru (MIDI show control, MIDI notes, MIDI timecode): Optional

2 x desk lamps: XLR

AC power input: 3-pin IEC

AC power throughput: 3-pin IEC (6 A max.)

### Electrical

AC power: 100-240 V nominal, 50/60 Hz

### Typical Power and Current

0.75 A, 80 W

### Included Items

1.5 m (4.9 ft.) power cable, 3-pin IEC: P/N 11501012

User documentation CD

### Ordering Information

M1 ts Console: P/N 90732040

M1 Optional 4 DMX Universes Pack (max. 3 per M1)

Optional MIDI Module: 91613038

Optional flightcase: 91355070

Optional Martin M-Sync SMPTE USB: 90703020

M1 Opt. 4 DMX Univ. Pack (max. 3 per M1)

P/N 39808013

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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](http://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.

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