



# M1

**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.**

All-in-one solution

Folding Touchscreen

34 playbacks

## GALLERY



## FEATURES

- High resolution folding touchscreen
- Digital LCD buttons for fast and direct parameter access
- Multiple wing attachment (M-Series Modules)
- 4x DMX Universes direct from the console; up to 32 Universes with Art-Net /sACN
- M-Series Manager Software for programming and triggering via time and calendar schedules
- Customizable Graphical User Interface with context sensitive toolbars and integrated help menu
- Powerful effects engine
- Controls up to 16.536 parameters
- 1000 cuelists with fader control
- 1000 cuelists with playback control buttons
- Two separate playback sections
- Parallel execution of multiple cuelists
- Submaster, inhibitives and override functionality
- Parameter and time-fanning functionality
- Auto update for presets and cues
- On-the-fly global timing adjustments

## TECHNICAL 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 (31.8 lbs.)  
 Shipping weight (in cardboard box): 19.9 kg (43.9 lbs.)  
 Shipping weight (in flightcase): 32.7 kg (72.1 lbs.)

### Control and Programming

Protocol: DMX512A (RDM), Art-Net2, sACN  
 32 DMX universes  
 8192 parameters  
 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 playback faders, each with four function-assignable buttons

##### **Sub playback:**

24 x playbacks  
12 x 40 mm 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  
Four 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  
Optional external monitor screen: Resolution up to 1920x1200

##### **Playback**

Assign a cue, cuelist or effect to any playback fader  
100 x playback banks, each containing 10 x playbacks  
100 x sub playback banks, each containing 24 x playbacks  
100 x sub playback banks, each containing 24 x playbacks  
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 SATA 2.5" hard disk drive  
Modular construction  
Industrial motherboard with Intel processor  
2 GB RAM  
Integrated graphics  
2 x dimmable XLR desk lamp connections

##### **Software**

Industrial embedded OS  
OS installation by USB storage device  
Show backup on hard disk or USB storage device (not included)  
Support for ELO USB touchscreens

##### **Connections**

4 x DMX universe outputs: 5-pin locking XLR  
External monitor screen: VGA or DVI  
Art-Net / sACN for up to 32 DMX universes in total: RJ-45  
MaxNet controller link: RJ-45  
2 x M-Series Module interfaces: RJ45 Ethercon  
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.)

##### **USB (storage media/ hardware peripherals)**

Back of mainboard: 4 x USB 3.0  
Side of console: 2 x USB 2.0  
Front of console: 1 x USB 2.0

##### **Electrical**

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

##### **Typical Power and Current**

0.75 A, 80 W

##### **Included Items**

1.5 m power cable, EU (Schuko), 3-pin IEC: P/N 11501012  
1.5 m power cable, US, 3-pin IEC: P/N 11501502  
Martin ShowDesigner 6™ Lite 3D Visualizer 180-day trial  
User documentation CD

##### **Accessories**

Martin M-Sync™ SMPTE USB Interface Box: P/N 90703020

USB-MIDI Port Internal Module: P/N 91613038  
LED desklight, angular XLR, 18.5": P/N 91613037  
Dust cover for M1: P/N 91613070  
Flightcase for M1: P/N 91535070  
Martin™ M-PC 2U with Martin™ M-DMX: P/N 90737070

**Related Items**

M-Series Submaster Module: P/N 90732170  
M-Series Playback II Module: P/N 90732190  
Martin™ M-Touch: P/N 90737040  
Martin™ M-Play: P/N 90737030

**Ordering Information**

Martin M1 ts™ Console: P/N 90732040

