

M1™



Martin®

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 Preliminary Data

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 12
2048 channels, expandable to 6144
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, cue list or effect to any playback fader
100 playback banks, each containing 10 playbacks
100 sub playback banks, each containing 24 playbacks
100 pages of 100 playbacks activated by touchscreen button
No limit to cues per cue list
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)
Cue lists 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
2GB RAM

Integrated graphics
2 x dimmable XLR desk lamp connections

Software

Industrial Windows XP 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 (up to 3 external touchscreens when used with Matrox TripleHead2Go)
Artnet for up to 12 DMX universes in total: RJ-45
MaxNet controller link: RJ-45
2 x Maxxyz 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. 2 per M1)

Martin Professional A/S

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Founded in 1986 and headquartered in Aarhus, Denmark, Martin Professional is a world leader in the creation of dynamic lighting solutions for the entertainment, architectural, and commercial sectors. Martin lighting solutions are industry standard on top tours and events, grace prestigious theatres, energize nightclubs, and decorate major television studios around the globe. The company operates the industry's most complete and capable distributor network with local partners in nearly 100 countries. For more information please visit www.martin.com