



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.

- 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 16 Universes with optional license
- Mx 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 8192 parameters
- 1000 cuelists with fader control
- 1000 cuelists with playback control buttons
- Two separate playback sections
- Parallel execution of multiple cuelists
- Submaster, groupmaster and override functionality
- Parameter and time-fanning functionality
- Auto update for presets and cues
- On-the-fly global timing adjustments

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.)
 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), 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

	<p>Fixture type cloning</p> <p>All channels with 16-bit resolution</p>
Control/User Interface	<p><i>Main playback</i></p> <p>10 x 60 mm (2.4 in.) playback faders, each with four function-assignable buttons</p> <p><i>Sub playback</i></p> <p>24 playbacks</p> <p>Twelve 40 mm (1.6 in.) playback faders with one assignable button</p> <p>12 x single assignable buttons</p> <p><i>Other controls</i></p> <p>2 x scrollwheels for bank changes</p> <p>12 x customizable multi-function keys</p> <p>Playback Select button</p> <p>Master Go section with Go, Pause, Snap and Release</p> <p>Four digital rotary encoders with push function and status LED for fixture parameter control</p> <p>5 x dynamically labeled digital LCD buttons for parameter groups, effect parameters, fanning and global timings</p> <p>Grand master fader and button</p> <p>Blind/preview button</p> <p>Customizable highlight/lowlight function</p> <p>Customizable parameter defaults</p> <p>Next/last fixtures/groups</p> <p>Trackball with pan/tilt control switch</p> <p>Left/right mouse button</p> <p>Large command keys</p> <p>Optional external monitor screen: Resolution up to 1920x1200</p>
Playback	<p>Assign a cue, cue list or effect to any playback fader</p> <p>100 playback banks, each containing 10 playbacks</p> <p>100 sub playback banks, each containing 24 playbacks</p> <p>100 pages of 100 playbacks activated by touchscreen button</p> <p>No limit to cues per cue list</p> <p>Full 16-bit fading for high-resolution fixtures</p> <p>Individual fade in/fade out times for all playbacks</p> <p>Manual override available at all times</p> <p>Live 0-1000% override of global cue timings</p> <p>Live programmer timing (Sneak)</p> <p>Cue lists can be executed in tracking or non-tracking mode</p>
Hardware	<p>Industrial 13.1-inch TFT 16:9 touchscreen (1280 x 800 pixels)</p> <p>Internal SATA 2.5 hard disk drive</p> <p>Modular construction</p> <p>Industrial motherboard with Intel processor</p> <p>2GB RAM</p> <p>Integrated graphics</p> <p>2 x dimmable XLR desk lamp connections</p>
Software	<p>Industrial Windows 7 embedded OS</p> <p>OS installation by USB storage device</p> <p>Show backup on hard disk or USB storage device (not included)</p> <p>Support for ELO USB touchscreens</p>
Connections	<p>4 x DMX universe outputs: 5-pin locking XLR</p> <p>External monitor screen: VGA or DVI</p> <p>Artnet for up to 16 DMX universes in total: RJ-45</p> <p>MaxNet controller link: RJ-45</p> <p>2 x Maxxyz Module interfaces: RJ45 Ethercon</p> <p>7 x storage media/hardware peripherals: USB 2.0</p> <p>MIDI in/out/thru (MIDI show control, MIDI notes, MIDI timecode): Optional</p> <p>2 x desk lamps: XLR</p> <p>AC power input: 3-pin IEC</p> <p>AC power throughput: 3-pin IEC (6 A max.)</p>
Electrical	<p>AC power: 100-240 V nominal, 50/60 Hz</p>
Typical Power and Current	<p>0.75 A, 80 W</p>

Included Items	1.5 m (4.9 ft.) power cable, EU (Schuko), 3-pin IEC: P/N 11501012 1.5 m (4.9 ft.) power cable, US, 3-pin IEC: P/N 11501502 Two LED desklights, angular XLR, 18.5": P/N 91613037 Martin ShowDesigner 6™ Lite 3D Visualizer 180-day trial User documentation CD
Accessories	Martin M1™, M2GO™, M2PC™ 2 DMX Universes Expansion License: P/N 39808031 Martin M1™, M2GO™, M2PC™ 4 DMX Universes Expansion License: P/N 39808013 <i>The M1 supports a maximum of three 4 DMX Universes Licenses</i> 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
Ordering Information	Martin M1 ts™ Console: P/N 90732040 Martin Ether2DMX8™ : P/N 90758130

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