# Specifications

**Software**
Industrial Windows 7 embedded OS
OS installation by USB storage device
Show backup on SSD disk or USB storage device (not included)
Supports ELO iTOUCH, IntellitTouch and AccuTouch USB, generic Windows 7 touch devices

**Control and Programming**
Protocol: DMX512A (RDM), Artnet2
4 DMX universes, expandable to 8
2048 channels, expandable to 4096
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
Customizable highlight and lowlight function to identify individual fixtures
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 interface: Ten 60 mm (2.4 in.) playback faders, each with four function-assignable buttons
Eight 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
3.5" touch screen for parameter groups, effect parameters, fanning and global timings
Grand master rotary fader and button
Blind/preview button
Customizable highlight/lowlight function
Customizable parameter defaults
Next/last fixtures/groups
Large command keys

**Playback**
Assign a cue, cuelist or effect to any playback fader
100 playback banks, each containing 10 playbacks
100 pages of 100 playbacks activated by touch screen 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

# M2PC

**Physical**

Length: 300 mm (11.8in.)
Width: 540 mm (21.3 in.)
Height with dust cover installed: 99 mm (3.9 in.)
Weight: 4.6 kg (10.2 lbs)
Operating Temperature: 0° - 40° C (32° - 104° F)
IP Rating: IP20

**Connections**
2 x DMX universe outputs: 5-pin locking XLR
1 x storage media/hardware peripherals: USB 2.0
Ready to receive internal MIDI module and SMPTE Timecode module
Internal MIDI in/out/thru (MIDI Show Control, MIDI Notes, MIDI Timecode): Optional
Internal SMPTE Timecode In/Out: 3-pin XLR (optional)
12 VDC power supply input: 4-pin XLR
Desk lamp (dimmable): XLR

**Electrical**:
AC mains power to 12 VDC external PSU (included): 100-240 V nominal, 50/60 Hz
Maximum current: 1.5 A
12 VDC output: 5 A, 60 W max.

**Hardware**
Industrial 3.5" RGB touchscreen

**Included Items**
1.5 m (4.9 ft.) power cable, EU (Schuko), 3-pin IEC
1.5 m (4.9 ft.) power cable, US, 3-pin IEC
12 VDC 5 A external PSU
LED desk lamp w/angular plug
Protective Cover
Martin Show Designer 5 MC Edition 45-day trial 3D Visualizer
User documentation CD

**Ordering Information**
M2PC™ Console                              P/N 90737010
Two DMX Universes Expansion License   P/N 39808031
Optional Two DMX Ports PCB              P/N 90703030
Optional Midi PCB                          P/N 91613038
Optional SMPTE Timecode PCB            P/N 90703040