M-Series
MAKING COMPLEXITY EASY
Martin M1 HD™
All-in-one console
Reference Guide
M1 HD – Key features
The all-in-one control solution!

- Legendary M-Series ergonomics
- Bright multi-touch head display
- Built-in 40 universes processor
With the full power of a larger desk and the agility of a smaller one, the M1 HD is a state-of-the-art, all-in-one lighting desk.

With more processing power than ever, once again the Martin M1 HD sets a new standard as the most powerful and affordable full-featured lighting console of its category on the market.

M2GO HD – Description

M1 HD builds on the tradition of the M1, being one of the most ergonomic lighting consoles on the market.
Ergonomics

Ergonomically proven control surface, comfortable, low profile design with proper spacing and perfect balance between faders, buttons and encoder wheels.

Ergonomically proven control surface

Direct access to everything you need

Foldable display with 4 additional encoders

An adjustable-foldable touchscreen ensures a perfect viewing angle under any ambient light condition.

Four additional parameter encoders located on the right side of the display can be customized to user needs and preferences.
Multi-Touch display

The M1 HD screen is bright and crisp. It sports a 10-point multi-touch capacitive surface. Carefully chosen screen size & resolution give better user experience and avoid stage view obstruction. The screen folds down forward, giving it a smaller footprint than any other desk of its class.

- Bright and crisp display
- 10-point multi-touch
- Adjustable capacitive high-resolution touchscreen
The Martin M1 HD is equipped with a 6th generation quad core processor, making operation responsive. The user interface remains fast and responsive even if dozens of playbacks and effects are running simultaneously.

More power than ever

Efficient communication protocol

Quick and snappy user interface

With a 40 onboard universes processing headroom, the M1 HD is one of the most cost effective solutions on the market.
Additional features

In our quest for the perfect balance between features and cost, every aspect of the M1 HD design has been considered. The result is the perfect console for today’s wide range of applications, from rental to permanent installations.

- Foldable touchscreen with 4 additional encoders
- Onboard 40 universes processor
- 34 Playbacks
All Martin M1 HD components are industrial-grade and made to endure the toughness of rental and touring.

- **Industrial-grade components**
- **Meticulous assembly**
- **Unmatched quality / price**
Display options

M2GO HD components are industrial-grade and made to endure the toughness of rental and touring.

- Standard capacitive multi-touch display fully adjustable angle
- Dual DisplayPort for external monitors
- Run up to three displays
Ease of use

The Martin M1 HD is the most intuitive lighting console to operate. Why? Because the Martin M-Series software has been designed from the ground up with one single philosophy in mind: Simplicity!

Intuitive software
Clean interface
2D Plan
MIDI & SMPTE timecode

The M1 HD comes standard with an internal MIDI module to connect external MIDI devices and timecode. An SMPTE Timecode module is included for professional, timecoded shows.
DMX output

The M1 HD has 4 physical DMX ports and comes standard with 40 DMX universes un-locked over Art-Net or streaming CAN. No expansion license or external processors needed.

DMX / Art-Net /sACN

EtherDMX nodes

Any compatible EtherDMX nodes can be used in Art-Net or sACN protocol.

M-DMX

M-DMX can also be used for additional DMX outputs.
Included items

Here are some of the items included with the M1 HD.

- Built-in LED Desk lamp
- Neutrik True1 power connector
- Dust cover
Lighting is about contrast...

Contrast of the user surface is of great importance. On a typical event, the stage is often very bright while the control booth is quite dark. Under such conditions, a black surface and black buttons don’t work well together. Even backlit keys can cause sight issues in such a dark environment.

Now you see me!
Now you don’t!

It’s grey for a reason...

...it’s all about contrast
M1 HD best companions

The M1 HD can benefit from several external devices to increase the number of playbacks, faders and buttons.

- **M-Play & M-Touch**
  - 90737030 Martin M-Play
  - 90737040 Martin M-Touch

- **Playback II module**
  - 90732190 Playback II module
  - 90732170 Submaster module

- **Submaster module**
The M1 HD ships with a free Martin One-Key dongle. This dongle contains a free MSD Lite 1-year license as well as a lifetime M-PC Pro 64 universes license. The perfect solution for programming any show in the comfort of home or hotel.
M1 HD – Part of a big family

All show files made on any M-Series console or M-PC are fully compatible with the M1 HD. The same goes for show files made on the M1 HD - they will load smoothly on any M-Series product with the same or higher software version.
Dimensions

Depth: 478 mm  Height: TBD mm
Width: 803 mm  Weight: TBD kg
Complete feature list

- High resolution folding capacitive multi-touchscreen
- Integrated Industrial high speed processing
- Digital LCD buttons for fast and direct parameter access
- 8 digital encoders for parameter control
- 12 customizable function keys
- Multiple wing attachment (M-Series Modules)
- 4 x DMX Universes direct from the console; up to 40 Universes via Art-Net and sACN without external processors
- M-Series Manager Software for programming and triggering via time and calendar schedules and IP triggers
- Customizable Graphical User Interface with context sensitive toolbars and integrated help menu
- Powerful effects engine

- Controls up to 20,480 parameters
- Built-in 2D visualizer for selection and real-time visualization
- 1,000 cue lists with fader control
- 1,000 cue lists with playback control buttons
- Two separate playback sections
- Parallel execution of multiple cue lists
- Submaster, groupmaster and override functionality
- Parameter and time-fanning functionality
- Auto update for presets and cues
- On-the-fly global timing adjustments
- MaxNet synchronized programming and playback support
Ordering information

- M1 HD P/N: 90732090
- M1 HD flightcase P/N: TBA
- Availability Q1 2017

Price:

M1 HD with 40 universes, MIDI and SMPTE
Contact your local Martin/Harman sales representative
Prices are subject to changes without notice

* An extra Martin One-Key with M-PC Pro 64 universes and Martin ShowDesigner Lite for one year is included at no extra charge
M1 HD – Additional photos
Why the HD upgrade?
Processing power and speed of industrial PCs have drastically increased over the last few years, and with the launch of our flagship console, the M6, we designed a rugged custom glass display that allowed us to create a refresh of the M1 and M2GO with latest generation industrial motherboards. The form factor, layout and playback features of both consoles have received really good feedback, so we kept them and focused on the processing, additional I/O and display ports and screen improvements.

Can I upgrade my current M1 to the new screen or new motherboard?
No, an upgrade is technically not possible. Metalwork, wiring, Windows licenses, UL approval are all different and an upgrade is not economically viable. However, all current M-Series consoles in the market will auto-update to their maximum universe license at no charge after installing M-Series 3.60 software. M1 up to 32.

How many universes are possible?
M1 HD calculates 40 universes over Art-Net and sACN. No external processing is required, all calculations are done natively within the console.

Can I expand the Universe license?
License expansion are no longer needed for M-Series consoles, all consoles ship with their maximum universe capabilities enabled. This is based on the speed of the processor.

Are the consoles compatible with the current M-Series product line?
Yes, the consoles can be used together will all other M-Series desks and accessories. The software is 100% identical across all M-Series devices.
Is the screen identical to the M6?
The LED display is identical, with the same resolution, the glass is a newer generation of capacitive
touch. The screen is NOT optically bonded for improved outdoor performance. The BriteTouch screens
are only used on the M6 console.

Is there a console version without the attached screen?
There are currently no plans to offer the consoles without integrated touchscreen.

What is the internal screen resolution?
The consoles utilize an industrial 1366 x 768 HD display, LED high brightness backlight, 10-point multi-
touch glass touchscreen.

How many external monitors can be used?
The M1 HD console supports two additional DisplayPort 1920 x 1080 displays.

What connection ports are included?
2 x Gigabit Ethernet, 2 x external display, USB 3.0, USB 2.0, SMPTE, MIDI, 4 x DMX Out. The M1 HD
adds DMX In, 2 x M-Series Module out. All ports are standard, no extra items required.

What are the technical details of the internal processors?
M1 HD uses Windows 10 Embedded, industrial motherboards, Intel Quad Core processing, 120 GB SSD
and 8 GB RAM.
M1 HD – Q&A

What is included?
M1 HD: PowerCON TRUE1 connector, fabric dustcover, USB recovery drive, and a bonus: A free Martin USB One-Key with M-PC Pro (64 universes), MSD Lite 1-year license.

Does Martin offer a road case?
A custom case will be available. Part number and pricing are still being finalized.
M1 HD – Key features

The all-in-one control solution!

★ Legendary M-Series ergonomics
★ Bright multi-touch head display
★ Built-in 40 universes processor
Thank you for watching!