

MEDIALON

SHOWMASTER Pro [Mk2]

> Embedded Show Controller

FEATURES

- 8x Serial ports
- 16x Digital In & 16x Digital Out
- 1x MIDI In/Out
- 2x DMX In/Out
- Balanced Time Code In/Out, Video Reference
- 2x Ethernet ports
- Medialon Extension supported (IObox)
- Third Party Extension supported
- SSD drive
- Drag & drop programming
- Multiple Timeline Programming
- Sync Accuracy 100th/Sec
- Device Position Tracking
- DMX, Serial & MIDI Recording
- Logical Programming
- Real time testing (no Compile / Download / Test / Startover)
- Alarm via Email



OVERVIEW

Medialon Showmaster Pro is an all in one embedded Show Controller fitted with all necessary show protocol interfaces.

It controls and synchronizes dimmers, lighting desks, video projectors, video servers, sound processors, etc.

Showmaster Pro also provides digital I/O and balanced Time Code input/output with video reference.

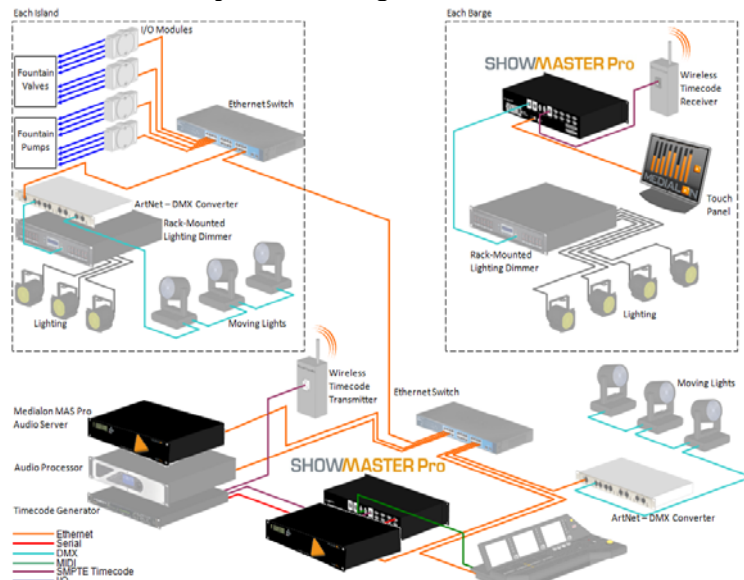
Its free editing software, Showmaster Editor, embeds most of the features of our award winning technology such as devices synchronization & logical programming as well as real time testing.

It supports multiple timeline, third party interfaces, unlimited touch panels connections and signal recording.

APPLICATIONS

Showmaster Pro is designed for medium to large Show Control application in Museums, Showrooms, Stores and Restaurant or attractions, or when large amount of controlled devices requires additional interfaces.

It can also be used as sub system in larger shows or attractions.



Part Number

- **SWM_PRO2** - Showmaster Pro, Embedded Show Controller, with Showmaster Editor Software included.

Dimensions

- Rack: 476 (W) x 89 (H) x 260 (D) mm (18.75" x 3.5" x 10.25"), Stand-alone 441 (W) x 89 (H) x 260 (D) mm (17.38" x 3.5" x 10.25"), Packing: NC
- Rack size (2U)

Weight

- Rack: 23 lbs / 10 Kg
- Packaging: 28,6 lbs / 13 Kg

Power

- Auto-Ranging 100-240 VAC / 50-60Hz 250 Watts (Actual power requirement is usage dependent)

Enclosure

- Metal with satin black finish

Certifications

- FCC, CE, EN60950-1 FCC Class A - EN55022

Front Panel

- 1x LCD Display 4x20 Characters
- 6x Power / Menu Navigation Buttons
- 4x Status LEDs

Rear Panel

- 2x USB 2.0 Ports
- 1x IEC Power Connector
- 2x 10/100/1000 Base-T Ethernet Ports
- 8x RS-232 DB9 Male Serial Ports
- 1x DB-37 Male (Digital Inputs, optically-isolated and accept 3-31 Volts DC or AC RMS (40Hz-10kHz))
- 1x DB-37 Female (Relay Outputs, SPST form C electro-mechanical normally open relays. Rated Load: 0.5A @ 125VAC (62.5 VA max.) 1A @ 24VDC (30W max.). Maximum switching voltage: 125VAC, 60 VDC / Current 1A). When using Breakout boxes (Part#SWM_BO), the max. electrical specifications are 150ma / 12VDC per relay with a max. of 2A for the whole 16 relays.
- 2x DMX Input or Output (5 Pin Female XLR)
- 1x Balanced Timecode Input (3 Pin Female XLR)
- 1x Balanced Timecode Output (3 Pin male XLR)
- 1 x Video Reference Input (BNC)
- 1x MIDI Input DIN5 Female
- 1x MIDI Output DIN5 Female
- Hard Power Switch

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System

- 512 MB DDR2, SDRAM, 533 MHz
- 1x 8 GB SSD SATA Hard Drive
- Intel Celeron M 430, 1,73 GHz Processor

Environmental

- Operating Temperature: 0°C/32°F to 50°C/122°F
- Operating Humidity: 10 to 80% at 25°C non-condensing
- Acoustic Noise: NC
- Heat Dissipation (Typical): NC BTU/hr

Included Accessories

- 1x IEC Power Cord
- 1x Showmaster Editor Installation CD
- 1x Showmaster Manual
- 2x Rack Mounting Brackets

Recommended Accessories

- Breakout Terminal Wiring Board and DB-37 Cable (Part# SWM_BO)

Software Specifications

- Drag & Drop Programming
- Multitasking: several tasks can run simultaneously in synchronization or separately.
- Unlimited number of TimeLine for sync.
- 1/100th Sec Sync Accuracy
- Time Code: 24, 25, 30, 30DP, and 100 fps base time supported. User defined or automatic type selected.
- Device Positracking (Sync)
- Recording (DMX, MIDI, Serial)
- Logical Programming Operators: +, -, *, /, %, ^, =, ==, !=, >, <, >=, <=, |, &, #, ()
- Logical Programming Functions: Hours, Minutes, Seconds, Frames, Day, Month, Year, Length...
- Real Time program testing
- Drivers Editor
- OpenCap Protocol
- Log Files
- Unlimited number of Panel (or Panel server)
- Alarm via Email

Extensions Supported

- Medialon IObox over IP (Part # IOBOX)
- DMX over IP: Artnet
- Serial Over IP: Comtrol Device Master serie
- Serial Over IP: Sealevel SeaLINK serie
- IO over IP: Opto22 Snap IO Ethernet Serie
- IO over IP: Advantech Adam 6000 Serie
- IO / Serial / IR over IP: Global Cache GC Serie

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