

MEDIALON SHOWMASTER ST

> Embedded Show Controller

FEATURES

- 4x Serial ports
- 16x Digital In
- 16x Digital Out
- 1x MIDI In/Out
- 1x DMX Out
- Ethernet
- Drag & drop programming
- 1x Timeline Programming
- Sync Accuracy 100th / Sec
- Device Position Tracking
- Logical Programming
- Real time testing (no Compile / Download / Test / Startover)
- Alarm via Email



OVERVIEW

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

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

Showmaster ST also provides digital I/O.

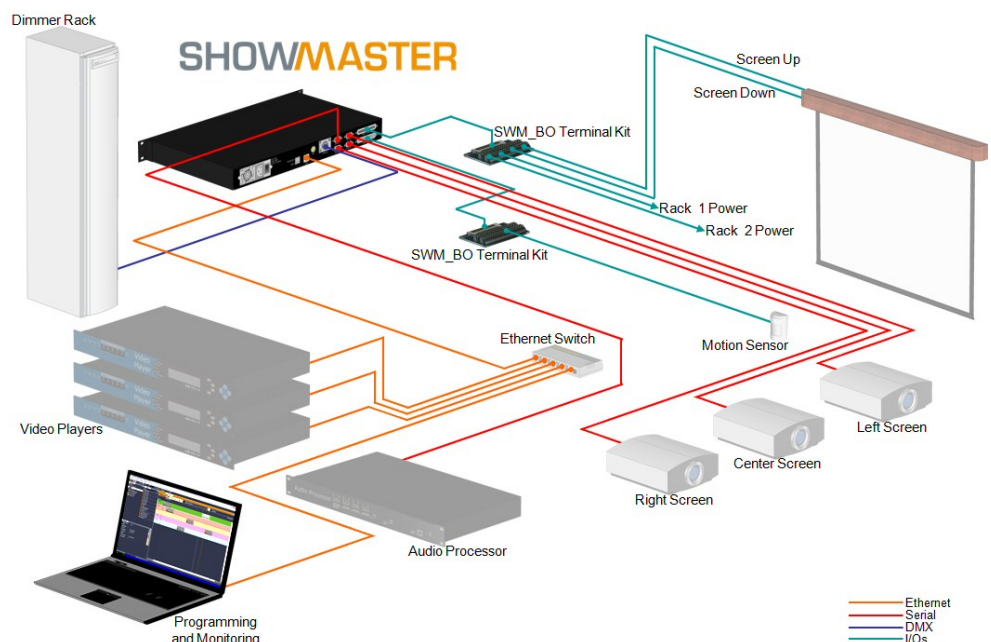
Its free editing software, Showmaster Editor, embeds most of the features of our award winning technology such as devices synchronization & logical programming as well as real time testing.

It allows programming of one show at a time, and 2 touch panels connection but does not support third party interfaces.

APPLICATIONS

Showmaster ST is designed for small to medium Show Control application in Museums, Showrooms, Stores and Restaurants or attractions.

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



Part Number

- **SWM** - Showmaster ST, Embedded Show Controller, with Showmaster Editor Software included.

Dimensions

- Rack: 476 (W) x 44.5 (H) x 260 (D) mm (18.75" x 1.75" x 10.25"), Stand-alone: 441 (W) x 44.5 (H) x 260 (D) mm (17.38" x 1.75" x 10.25"), Packing: 580 (W) x 145 (H) x 370 (D) mm (22.8" x 5.7" x 14.6")
- Rack size (1U)

Weight

- Rack: 11 lbs/5 Kg
- Packaging: 17,2lbs/7,8Kg

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
- 1x 10/100/1000 Base-T Ethernet Ports
- 4x 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 (30 W max.). Maximum switching voltage: 125VAC, 60 VDC / Current 1A)
- 1x DMX Output (5 Pin Female XLR)
- 1x Extension RCA Connector
- Hard Power Switch

System

- 512 MB DDR2, SDRAM, 533 MHz
- 1x 80 GB 2,5" SATA Hard Drive, 5400 RPM
- 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

Reliability

- NA

Included Accessories

- 1x IEC Power Cord
- 1x USB-MIDI Adapter Cable
- 1x Showmaster Editor Installation CD
- 1x Showmaster Manual
- 2x Rack Mounting Bracket

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.
- 1x TimeLine for Synchronisation
- 1/100th Sec Sync Accuracy
- Device Positracking (Sync)
- Logical Programming Operators: +, -, *, /, %, ^, =, ==, !=, >, <, >=, <=, |, &, #, ()
- Logical Programming Functions: Hours, Minutes, Seconds, Frames, Day, Day Of The Week As Name, Day Of The Week As Number, Month, Year, Lower Case, Upper Case, Length, Char At, Get Field Of Enum, Get Index Of Enum, Random, Sqrt, Round, Ceil, Floor, Abs, Max, Min, Sin, Asin, Tan, Atan, Cos, Acos, Ln, Log, Exp
- Variables Type: Integer, String, Time, Date, Enum. Unlimited number of variables.
- Real Time program testing
- Drivers Editor
- OpenCap Protocol
- Log Files
- 2x Panels (or Panel server)
- Alarm via Email

Extensions Supported

- NA

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