



Specifications

Cerebrum Specifications

Control and Programming

Protocol: DMX512, Artnet (ACN and RDM pending)
2 physical DMX universes, expandable to 32 via Artnet or USB/DMX interface
32 universes or 16,384 channels from a single Cerebrum

Control/User Interface

Customizable GUI
Grand master fader and button
Flash master fader and button
16 x view buttons, 2 x view scroll buttons

Playback

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")
Go-function (supports multiple cues simultaneously)
Cuelists can be executed in tracking or non-tracking mode

Hardware

Industrial SVGA 12.1" TFT color touch monitor screen
Internal SATA 2.5" hard disc drive
Industrial motherboard with Pentium M processor

Software

Industrial Windows XP Embedded OS (not user-accessible)
Real-world paradigm intuitive interface (images, dynamic text labels and actuals)
Show backup on hard disc or USB storage device (not included)

Connections

DMX in: 5-pin locking XLR
DMX out: 5-pin locking XLR
External monitor screen: VGA (15-pin D-sub female)
Artnet for addition of up to 32 DMX universes: Neutrik RJ-45 socket
Maxxyz/Maxedia multiple controller link: connectors in housing
Ethernet for multiple controller link: Neutrik RJ-45 socket
USB devices: USB host socket
Microphone: 6.3mm (1/4-inch) mono jack
Audio in/out: RCA phono
AC power input: 3-pin IEC male socket
AC power throughput: 3-pin IEC female socket

Physical

Size: L 275 x W 483 x H 182mm
Weight: 7.3 kg

Electrical

AC power: 100-240 V nominal, 50/60 Hz

Ordering Information

MaxModule Cerebrum: P/N 90732140

Programmer, Button, Submaster, Playback specifications Control/User Interface

Programmer Module

4 x digital fader belts for fixture parameter control
Trackball with pan/tilt control switch
Blind/preview button
Customizable highlight/lowlight function
Next/last fixtures/groups
Left/right mouse button
Customizable LCD function keys for function shortcuts
Maxxyz PC key built-in (without 3D Visualizer)

Button Module

3 rows of 10 x LCD function buttons
5 x LCD navigation buttons with scroll wheel
Digital fader belt for intensity, speed and timing controls
Mode buttons for assigning operating mode to each row
Playback button mode and fixture, group and preset selection modes available
Maxxyz PC key built-in (without 3D Visualizer)

Submaster Module

24 x non-motorized faders with single function button (every cuelist type supported)
40-character display for labeling
5 x LCD navigation buttons with scroll wheel
Maxxyz PC key built-in (without 3D Visualizer)

Playback Module

10 x motorized playback faders, each with one dynamically labeled LCD button (to identify/activate playback) and two function-assignable buttons
10 x pause/back buttons
10 x go buttons
10 x flash buttons
5 x LCD navigation buttons with scroll wheel
Master Go section
Maxxyz PC key built-in (without 3D Visualizer)

Connections

Maxxyz/Maxedia multiple controller link:
Neutrik locking RJ45 EtherCon sockets
DMX in: 5-pin locking XLR
DMX out: 5-pin locking XLR
USB input: USB device socket
USB devices: USB host socket
Desk lamp: 2.5 mm DC bayonet
AC power input: 3-pin IEC male socket
AC power throughput: 3-pin IEC female socket

Electrical

AC power: 100-240 V nominal, 50/60 Hz
Desk lamp output: 12 V

Physical

Size: L 275 x W 483 x H 127.9mm
Weight: Programmer: 5.0 kg Button: 4.9 kg
Submaster: 4.6 kg Playback: 5.3 kg

Ordering Information

MaxModule Programmer: P/N 90732150
MaxModule Button: P/N 90732160
MaxModule Submaster: P/N 90732170
MaxModule Playback: P/N 90732180
MaxModule Frame (empty) in Flightcase: P/N 90732120
MaxModule Frame (empty) in Cardboard Box: P/N 90732130

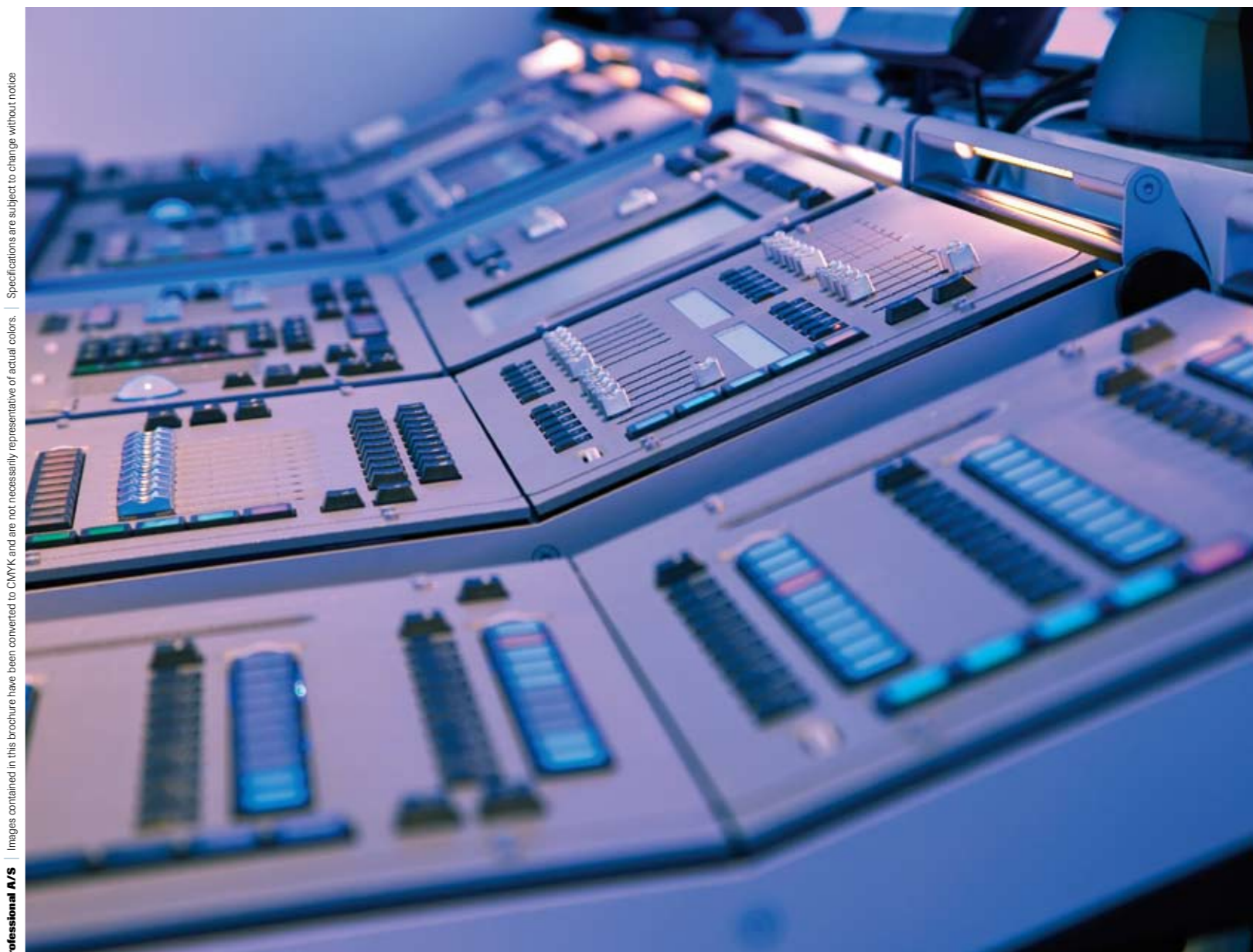


Cerebrum connections



Modules connections

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Maxxyz Modules™

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Founded in 1986 and headquartered in Aarhus, Denmark, Martin Professional is a world leader in the creation of dynamic lighting solutions for the entertainment, architectural, and commercial sectors. Martin lighting solutions are industry standard on top tours and events, grace prestigious theatres, energize nightclubs, and decorate major television studios around the globe. The company operates the industry's most complete and capable distributor network with local partners in nearly 100 countries. For more information please visit www.martin.com

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Maxxyz Cerebrum Module



The Maxxyz Cerebrum module is a compact yet powerful touch-screen computer and the heart of the modular concept.

It runs the lighting software on Windows XP Embedded which controls the Maxxyz Compact. The Maxxyz Cerebrum can also be used as a stand-alone unit for control in installations, for example in hotels or on cruise ships, and also functions as a backup system for any Maxxyz console, Maxxyz PC or other Cerebrum module. A superb performer with a powerful effects engine, Maxxyz Cerebrum can control up to 16,384 fixtures. It allows up to 1,000 cuelists with motorized fader control and 1,000 cuelists using playback control buttons with parallel execution of multiple cuelists. Sub-master, group master, and override functionality is included, and the Graphical User Interface is customizable.

Maxxyz Programmer Module

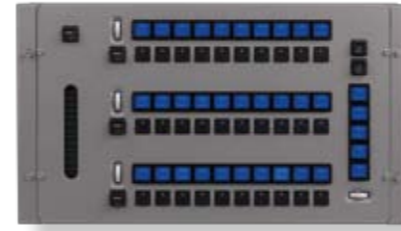


The Maxxyz Programmer module is the main control unit of a Maxxyz system.

This module can be used with the Cerebrum or with the Maxxyz PC software. It allows the user to be quick and efficient while programming a show. Like the other Maxxyz Modules, the Programmer module comes with a built-in Maxxyz PC dongle and 2 built-in DMX ports - the perfect startup Maxxyz console.

Built of a solid aluminum construction yet with tactile, easy-to-operate designs, the modules can be used in hundreds of different combinations, allowing users to create a custom console to fit their individual needs without the expense of an over-speded, large desk.

Maxxyz Button Module



The Maxxyz Button module is a dream come true for any lighting console operator.

With an ever-increasing demand for more direct access on live shows, the Button module offers up to 30 customizable direct access buttons. Each row of 10 LCD buttons, 10 flash buttons is individually assignable to cuelists, groups, fixtures or presets and one scroll wheel for direct access to other banks, pages or rows.

A set of 5 LCD buttons, 2 Up/Down keys and a scroll wheel provide direct access to functionalities related to each row of buttons. A convenient encoder belt gives flexible access to such features as time, speed and future options. The Button module - like the other Maxxyz Modules - comes with a built-in Maxxyz PC dongle and 2 built-in DMX ports.

The Maxxyz Button module also works with the new Maxedia 4 software to recall cues, transitions and other functions. The built-in encoder belt can be assigned as manual dissolver between cues as well as setting transition time and intensity.

Maxxyz Submaster Module



The Maxxyz Submaster module provides the user with an additional 24 handles of controls for cuelists, channels, submasters or inhibitors.

Combined with a Maxxyz Cerebrum, Maxxyz Compact or Maxxyz PC, the Submaster module makes it very easy and relatively inexpensive to build a 24, 48 or even 96 fader desk with full moving light capabilities. Multiple pages of 24 faders can be recalled at any time. Like the other Maxxyz Modules, the Submaster module comes with a built-in Maxxyz PC dongle and 2 built-in DMX ports - the perfect startup theater console.

Maxxyz Playback Module



Using the same high quality faders and buttons as the Maxxyz Compact, the Playback module adds 10 motorized faders with 15 LCD buttons and a master Go section, extending the playback capabilities of Maxxyz.

Up to 16 Playback modules can be added to any Maxxyz Cerebrum, Maxxyz console or Maxxyz PC. Like the other Maxxyz Modules, the Playback module comes with a built-in Maxxyz PC dongle and 2 built-in DMX ports - the perfect playback console.

Maxxyz Modules Frame



The Maxxyz Modules frame can accept up to two modules of any kind (except the Cerebrum which only fits in the upper position), making it possible to combine different modules in the same frame - thereby customizing it for a specific application.

The included blind plate can be used to hold a laptop or notes and paperwork.

