

Get close and modular

The Maxxyz Compact offers you the right amount of controller at a competitive price.

- Robust lighting and effects controller with a superb user interaction
- Easy addition and exchange of modules – only connections are power and USB
- Problem-free service, one module at a time
- Cost savings on your future controller investments

Specifications

PHYSICAL

Length:	730 mm (28.7 in.)
Width:	700 mm (27.6 in.)
Height:	300 mm (11.8 in.)
Weight:	31 kg (68.3 lbs.)

CONTROL AND PROGRAMMING

Protocol:	DMX512, Artnet, (ACN and RDM pending)
4 DMX universes, expandable to 32	
2048 channels, expandable to 16384	
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

10 x motorized playback faders, each with one dynamically labeled LCD button (to identify/activate playback) and two function-assignable buttons	
4 x digital fader belts for fixture parameter control	
10 x dynamically labeled digital LCD buttons for parameter groups, functions, effect parameters, fanning, global timings	
Grand master fader and button	
Flash master fader and button	
Trackball with pan/tilt control switch	
16 x view buttons, 2 x view scroll buttons	
Blind/preview button	
10 x pause/back buttons	
10 x go buttons	
10 x flash buttons	
5 x customizable function keys, LCD buttons	
Customizable highlight / lowlight function	
Next/last fixtures/groups	
Left/right mouse button	
Digital encoder wheels for window scrolling and screen/desk lamp intensity	

ELECTRICAL

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

Assign a cue, cuelist or effect to any playback fader	
100 playback banks, each containing 10 playbacks, can all be active simultaneously	
No limit to cues per cuelists	
100 pages of 100 playbacks activated by touch screen button	
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 monitor touch screen	
Internal SATA 2.5" hard disk drive	
Modular construction	
Industrial motherboard with Pentium M processor	
DVD-RW drive (not intended for movie playback)	
2 x integrated dimmable LED desk lamps	
Integrated slide-out QWERTY keyboard	

SOFTWARE

Industrial Windows XP Embedded Operating System (not user accessible)	
Real-world paradigm intuitive interface (images, dynamic text labels and actuals)	
Show backup on hard disk or USB storage device (not included)	
Compatible with Martin ShowDesigner	

CONNECTIONS

4 x DMX universe outputs:	5-pin locking XLR
External monitor screen:	VGA
Artnet for addition of up to 32 DMX universes:	RJ-45
Maxxyz/Maxedia multiple controller link:	RJ-45
2 x Maxxyz Wing interfaces:	RJ-45
4 x storage media/hardware peripherals:	USB 2.0
MIDI in/out/thru (MIDI show control, MIDI notes, MIDI timecode):	Standard MIDI (5-pin DIN)
SMPTE timecode in:	3-pin XLR
LTC timecode in:	BNC
3 x desk lamps:	XLR
AC power input:	3-pin IEC

INCLUDED ITEMS

Maxxyz Compact dust cover:	P/N 33302008
Maxxyz Compact monitor bracket, left:	P/N 55732076
Maxxyz Compact monitor bracket, right:	P/N 55732074
4 x 5-pin male to 3-pin female XLR adapters:	P/N 91613024
1.5 m (4.9 ft.) power cable, 3-pin IEC:	P/N 11501012
User documentation CD	

ACCESSORIES

Maxxyz Compact desk lamp:	P/N 91613036
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ORDERING INFORMATION

Maxxyz Compact Controller:	P/N 90732020
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Specifications are subject to change without notice

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Maxxyz Compact™



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A complete controller

Use Maxxyz Compact as a stand-alone plug-and-play unit for great functionality at a surprisingly good price. Maxxyz Compact consists of four modules requiring only USB and power connections, assembled in a sturdy frame – the first offering in our new modular controller concept. Multiple wings can be added using additional modules.

A superb performer

A powerful effects engine, Maxxyz Compact can control up to 32,000 fixtures, and allows up to 1000 cuelists with motorized fader control and 1000 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.



The built-in keyboard elegantly slides out from the front right of Maxxyz Compact



Convenient pockets keep pens and other bits and pieces close at hand



The Maxxyz Cerebrum module – like the other modules – is easily lifted from the frame

Think new thoughts

The Maxxyz Cerebrum module is a compact powerful touch-screen computer, running the software on Windows XP Embedded that controls Maxxyz Compact, and which is at the heart of the Maxxyz Modular concept. The Maxxyz Cerebrum can also be used stand-alone for controlling installations, for example in hotels, or on cruise ships.

Bring together lighting and video

Maxxyz Compact can control the Maxedia range of media servers for both video-based LC Panels and DMX-based Stagebars simultaneously. This convergence of video and lighting is possible, because Maxxyz Compact and Maxedia share the same programming philosophy and terminology, and can network and share data with each other.

Tough and approachable

Maxxyz Compact is designed for rough treatment during transport and shows. Modules are built with a solid aluminum construction to cope with tough environments, but also with attention to your needs. Maxxyz Compact is built to feel solid and responsive to your touch.

Designed for you

The new Maxxyz buttons feel right, sound right, and give excellent tactile feedback, especially on those long night-programming sessions. The digital LCD buttons allow for fast and direct programming, and with the Flash buttons and programmable function keys, Maxxyz Compact matches your preferences and work procedures.

So much easier to service

The plug-and-play construction means it is a simple matter to send a single module to service rather than the whole desk. Maxxyz Compact is extremely reliable, and a controller has never previously been tested this hard, including vibration, shock, and fall tests.

Familiar layout and GUI

Maxxyz Compact adds modularity to a similar physical layout and the same graphical user interface known from other Maxxyz controllers. This means there's a minimal learning curve required, before you start using your Maxxyz Compact.

Saves you money over time

The Maxxyz Modular concept saves you money on your controller investment. Add additional modules as wings – a cheaper alternative than conventional wing units. Swap modules within the frame, or upgrade to a larger frame to build an entirely new Maxxyz controller, meaning your original investment is saved.

Furthermore, you can buy extra modules as spares, instead of having a whole desk in reserve. And you keep transport costs down – when requiring service for example, you only need to ship one module, not the whole frame or desk.

You have control

Up to 32 DMX universes can be controlled by Maxxyz Compact, with four available directly from the console.

Maxxyz Manager Software allows for programming and triggering via time and calendar schedules, and Maxxyz Compact communicates with Martin Show Designer Gold, Silver or Visualizer Software Packages. Communication with MSD Software Packages is via a direct DMX line or through a network connection using EtherDMX and the Artnet Protocol.



LEDs light up the programmable view keys



The fader belts give you immediate visual feedback of parameters



Comprehensive connections on the back panel include USB and DMX for wings and VGA

