

6. Specifications

Physical

Cerebrum Module

Length	275 mm (10.9 in.)
Width	483 mm (19 in.)
Height.....	182 mm (7.2 in.)
Weight	7.3 kg (16.1 lbs.)

Playback Module

Length	275 mm (10.9 in.)
Width	483 mm (19 in.)
Height.....	128 mm (5 in.)
Weight	5.7 kg (12.6 lbs.)

Submaster Module

Length	275 mm (10.9 in.)
Width	483 mm (19 in.)
Height.....	128 mm (5 in.)
Weight	4.6 kg (10.2 lbs.)

Button Module

Length	275 mm (10.9 in.)
Width	483 mm (19 in.)
Height.....	128 mm (5 in.)
Weight	5.2 kg (11.5 lbs.)

Programmer Module

Length	275 mm (10.9 in.)
Width	483 mm (19 in.)
Height.....	128 mm (5 in.)
Weight	5.0 kg (11.3 lbs.)

Frame without modules

Length	695 mm (27.3 in.)
Width	526 mm (20.7 in.)
Height.....	336 mm (13.21 in.)
Weight	10.3 kg (22.7 lbs.)

Connections

Cerebrum Module

AC Power input	3-pin IEC male socket
AC Power output	3-pin IEC female socket
LINK USB data outputs	Neutrik RJ-45 socket (accepts Neutrik EtherCon connectors in housing)
Network data	Neutrik RJ-45 socket (accepts Neutrik EtherCon connectors in housing)

EtherDMX data	Neutrik RJ-45 socket (accepts Neutrik EtherCon connectors in housing)
DMX data	5-pin locking XLR
USB devices	USB host socket
Microphone	6.3 mm mono socket
Audio in/out	RCA phono
VGA	15-pin D-sub female

Other modules (not Cerebrum)

AC Power input	I.E.C. male socket
AC Power output	I.E.C. female socket
LINK USB data output	Neutrik RJ-45 socket (accepts Neutrik EtherCon connectors in housing)
LINK USB data input	Neutrik RJ-45 socket (accepts Neutrik EtherCon connectors in housing)
DMX data	5-pin locking XLR
USB devices	USB host socket
USB input	USB device socket
Lamp output	2.5 mm DC bayonet socket
	(also accepts 2.5 mm DC plugs without bayonet)

Electrical (all modules)

AC power	100-240 V nominal, 50/60 Hz
Power supply unit	Full range switch-mode
Main fuses	2 AT (x2)
AC power throughput	unswitched, unfused, Max. 6 A
Lamp output (not on Cerebrum)	12 V PWM

Functional

Cerebrum Module

- Grand master fader and button
- Flash master fader and button
- 16 x view buttons, 2 x view scroll buttons
- Digital encoder wheels for window scrolling and screen/desk lamp intensity
- Protocol: DMX512, Artnet (ACN and RDM pending)
- 2 DMX universes, expandable to 32
- 1024 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
- 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

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

Submaster Module

- 24 x non-motorized faders with single function button (every supported cuelist type is supported)
- 40-character display for labeling
- 5 x LCD navigation buttons with scroll wheel

Button Module

- 3 rows of 10 x LCD and function button combination
- 5 x LCD navigation buttons with scroll wheel
- Digital fader belt for intensity, speed and timing controls
- Mode buttons for selecting desired operation per row. Supported modes are:
- Fixture Selection
- Group Selection
- Preset Selection
- Playback Buttons

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

Frame without modules

- Blind cover plate with paper holder
- Accepts two Maxxyz Modules (Cerebrum can be installed in upper position only)
- Dimmable LED strip (requires Module to be installed)

Accessories

Blind cover plate for Maxxyz Frame Module	P/N 62406159
Maxxyz Modules dust cover.....	P/N 33302009
Maxxyz Compact monitor bracket, left.....	P/N 55732076
Maxxyz Compact monitor bracket, right.....	P/N 55732074
Four 3-pin female to 5-pin male XLR adapters	P/N 91613024
1.5 m power cable, 3-pin IEC.....	P/N 11501012
EtherCon patch cable, 2 m, RJ-45 in XLR-type housing.....	P/N 11840144
Flightcase for Maxxyz Modules Frame	P/N 91535007
Wheel set for Maxxyz Modules flight case	Contact Martin for details

Ordering Information

MaxModule Cerebrum	P/N 90732140
MaxModule Button	P/N 90732160
MaxModule Playback.....	P/N 90732180
MaxModule Programmer	P/N 90732150
MaxModule Submaster	P/N 90732170
MaxModule Frame (empty) in Flightcase.....	P/N 90732120
MaxModule Frame (empty) in Cardboard Box	P/N 90732130

Specifications subject to change without notice.

See www.martin.com for current user documentation, technical support and full current product specifications.