

APPENDIX 1: MAXXYZ SPECIFICATIONS

PHYSICAL

Dimensions (L x W x H) 1034 x 613 x 287 mm (41 x 24 x 11 in.)
Weight: 48 Kg (106 lbs), including flight case 66 kg (145.5 lbs)

AC SUPPLY

Power supply 100-240 V, 50/60 Hz
Power consumption 0.75 A, 160 W @ 230 V, 50 Hz

HARDWARE

- 8 5-pin DMX universe outputs
- DMX/Ethernet connector (for addition of up to 24 extra DMX universes)
- 10 motorized playback faders, each with one dynamically-labeled-LCD-button (to identify/activate the playback), and two function-assignable buttons
- 8 digital fader belts for fixture control
- Digital LCD buttons (dynamically labeled)
- Grandmaster fader
- Built-in stereo loudspeakers
- Headphone mini-jack connector
- Speaker and headphone volume controls
- 3 USB connectors for peripheral device connection
- 2 VGA connectors for external monitors
- 2 12.1" SVGA TFT industrial color touch screens
- 2 industrial motherboards with Pentium III processors (1.3 GHz) with failure redundancy system
- 2 built-in hard drives with failure redundancy system
- DVD/CD combo-drive
- 3.5" floppy disk drive
- Built-in US keyboard
- Trackball (with pan/tilt control switch)
- 3 desk light XLR connectors

CONTROL & PROGRAMMING

DMX-512 standard
8 DMX universes (expandable to 32)
4096 channels (expandable to 16384)
No per fixture channel limit
100 playback banks, each containing 10 playbacks
Unlimited cue stacks on virtual cuelists
2-D plan view
3-D offline visualizer
Import Martin Show Designer data
Extensive fixture library
Unlimited presets for each group of functions: P/T, color, gobo, effect
Effect generator for automated programming of more complex effects (with 16 bit)
Highlight function to identify individual fixtures
Pan and tilt relative or absolute programming
Fan function for all channels including timing parameters

PLAYBACK FACILITIES

10 motorized playback faders, each with one dynamically-labeled-LCD-button (to identify/activate the playback), and two function-assignable buttons
Place a cue, cuelist (sequence), virtual cuelist, or effect, on any playback fader
100 banks, each of 10 playbacks, selectable with a scroll wheel on the desk
Full 16-bit fading for high-resolution fixtures
Individual fade in/fade out times for all playbacks
Manual override available at all times
Cue memory with individual delay-in, fade-in, fade-out and delay-out timing on all fixtures and their parameters
Freeze times and playbacks
Live override of the global cue timings from 0-100%
Go-function (supporting multiple cues simultaneously)
Cuelists have tracking
Show data is mirrored on secondary hard drive to protect against failures
Motherboards are designed with redundancy in mind to enable the running of a show in the event of a failure

SOFTWARE

Embedded OS WinXPe user interface
Real-world paradigm – pictures, dynamic text labels, and actuals are used instead of channel numbers, values and percentages wherever possible
Show backup on hard drive, floppy disk, or USB storage device (not included)
Compatible with Martin Show Designer

ORDERING INFORMATION

Maxxyz Controller, 90-230 V P/N 90732000