MSD

Martin ShowDesigner 6™

Martin
by HARMAN

The best show designer software out there

Martin ShowDesigner 6™ (MSD 6™) is a unique and user-friendly software package, brilliant for developing realistic 3D lighting simulations and set designs using reflection, transparency, lighting, shadow and smoke.

MSD 6 has a new user interface that will speed up your work and increase your productivity. All design elements such as truss, fixtures and textures can simply be dragged and dropped onto the new multi-view 3D visualizer for instant results.

Using the latest DirectX11, MSD 6 delivers stunning real-time rendering closer than ever to reality. And the latest 3D engine technology will improve rendering time on any state-of-the-art video hardware.

- Real-time 3D visualization of the scene from multiple viewports simultaneously
- Fixture beams show true-life light distribution
- Import of 2D and 3D AutoCAD DXF, SketchUp and Vectorworks for PC to MSD exported files
- Fixture library covers most manufacturers and fixtures
- Photometric calculations
- Ray-tracing including shadows, reflections, transparency and smoke
- Net-Render server/client tool
- Camera animation using intuitive time-line control
- Real-time video input
- Connects to any DMX controller for offline programming

Specifications

Control and Programming

Control of all fixture parameters
Programming and storage of cues
Fixture libraries (complete range of Martin™ and other fixture definitions included)
User-customizable object libraries
Drag-and-drop objects, fixtures and textures directly in the scene
Fixtures automatically patched to free DMX address
Paperwork utility prints plot and equipment list
Solid rendering of scenes
Pan/tilt of beams, indexed/rotating gobos, iris effects, color wheels, CMY mixing, shutter/dimmer/strobe, zoom, color scrolling, framing

Features below available in Pro version only

Live video input for screen, static and moving video projector simulation
Cuelist for direct playback
DMX viewer monitors inbound and outbound data
Photo-realistic rendering
Light meter tool calculates light level on surface
Dynamic objects controlled by DMX include motor, track, elevator and multi-hoist platform

Minimum System Requirements

Windows 7 or 8 (32-bit)
Intel Core i5
4 GB RAM
500 MB available hard disk space
Graphics card 1024x768, HW support for DirectX 9 incl. HW support for Transform & Lighting (T&L), vertex & pixel shaders v.2
USB port for Martin One-Key™ software protection dongle
USB port if using Martin USB Duo™ DMX Interface
Network connection required for communication with other controller or Ethernet box via LAN (Art-Net [M-Series], Compulite, Avolites, MA, HOG)
Full administrator rights on PC

Recommended

Windows 7 or 8 (64-bit)
Quad core processor
8+ GB RAM
1 GB available hard disk space
Graphics card min. 1024x768, hardware accelerated, 2048 MB VRAM, DirectX 11 support (ATI and NVIDIA recommended)

Connections

Connects to any controller that has DMX output (Martin USB DUO™ DMX Interface required) or Art-Net output
Connects to other controller or Ethernet box via LAN (Martin M-Series™ via Artnet, Compulite, Avolites, MA, HOG)
Connects to various applications using internal driver (Martin M-PC™, Martin LightJockey™)
Fast Net Render (MSD Pro™ only) allows networked rendering across multiple Windows-based PCs

Ordering Information

Can be ordered from Martin™:
Martin ShowDesigner 6 Pro™, five years license P/N 39808040
Martin ShowDesigner 6 Pro Lite™, five year license P/N 39808041
Martin One-Key Blank P/N 90703050

Also available from www.martinshowdesigner.com:
Martin ShowDesigner 6 Pro™ for Students One-year license plan

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About Martin Professional

As a world leader in the creation of dynamic lighting solutions for the entertainment, architectural, and commercial sectors, Martin lighting and video systems are renowned the world over. Martin also offers a range of advanced lighting controllers and media servers, as well as a complete line of smoke machines as a complement to intelligent lighting. Martin operates the industry's most complete and capable distributor network with local partners in nearly 100 countries. Founded in 1987 and based in Aarhus, Denmark, Martin is the lighting division of global infotainment and audio company HARMAN International Industries.

For more information please visit

HARMAN (www.HARMAN.com) designs, manufactures and markets a wide range of audio and infotainment solutions for the automotive, consumer and professional markets — supported by 15 leading brands, including AKG®, Harman Kardon®, Infinity®, JBL®, Lexicon® and Mark Levinson®. The Company is admired by audiophiles across multiple generations and supports leading professional entertainers and the venues where they perform. More than 25 million automobiles on the road today are equipped with HARMAN audio and infotainment systems. HARMAN's highly competent workforce is employed across the Americas, Europe and Asia.