

MADRIX 5 Software

The award-winning LED lighting controller for ultimate pixel mapping in 2D or 3D.



Ultimate Creativity

Bring your LED design to life with beautiful colors, stunning visuals, and spectacular effects. MADRIX® 5 adapts to your needs. Use it as LED lighting controller, VJ software, 2D pixel mapper, 3D voxel mapper, media server, or media creator. This software is very easy to use with a VJ-like operation, 2 decks and a crossfader, plus 3 real-time previews to show your effects in advance.

Audio-Reactive Visuals

MADRIX® 5 features a state-of-the-art audio analysis. It can process any live audio signal and create stunning real-time lighting visuals. These live effects will create a light show that runs in sync with your music. And thanks to the integrated effects generator, you can also create many lighting patterns without audio input. And you can always customize everything, such as speed, color, shape, direction, size, movement, position, brightness, and much more.

Ultimate Flexibility

From the smallest projects to the biggest ones – get the best out of your LEDs. MADRIX® 5 can produce a complete LED light show from a normal computer or laptop. Still, it can drive tens of thousands of LEDs without problems. This powerful software will not only allow you to control nearly any 2D LED display in every possible way, but real 3D LED applications as well. This makes it the ideal solution for your LED project.

Ultimate Control

MADRIX® 5 is the ultimate control software for LED lighting. All-new features such as the TRI effect category, audio playback for videos, the CSV fixture list import, a fresh user interface with two themes that is even easier to use, unprecedented performance and speed thanks to the powerful new 64-bit render engine, and many more allow you to produce amazing results right from the start. Cutting-edge technologies provide you with all the tools you need for modern LED control.



Specifications

User Interface Languages	Deutsch (German), English, Español (Spanish), Français (French), Italiano (Italian), 日本語 (Japanese), Português brasileiro (Brazilian Portuguese), русский (Russian), Türkçe (Turkish), 简体中文 (Simplified Chinese)
Industry Standards For Output	MADRIX® 5 excels in flexibility. You can directly connect to a wide range of LEDs and compatible first-party or third-party LED controllers:
DMX-Based	Art-Net (I, II, 3, 4) (Unicast & Broadcast), DMX512, Philips Color Kinetics KiNET (v1 / v2), Philips Hue, SPI (via MADRIX® NEBULA), Streaming ACN (sACN / E1.31) (Unicast & Multicast)
DVI-Based	ColourSmart Link, Colorlight A8, Colorlight 5A, Colorlight T9, DVI (VGA, HDMI, and more), Eurolite T9
Industry Standards For Input	MADRIX® 5 easily integrates with other lighting desks, consoles, controllers, and many other hardware or software tools:
Interoperability, Remote Control, And Audio	Art-Net (I, II, 3, 4), ASIO, Blackmagic Design (DeckLink, Intensity, and more), CIP, DMX512, GamePort, MA-Net 1 / MA-Net 2, MADRIX® I/O, MADRIX® ORION, Media (Images, Pictures, Logos, Videos, Text, Live Signal Capturing, Screen Capturing), MIDI, NewTek NDI (Send & Receive), Remote HTTP (Web Server), Spout (Send & Receive), Streaming ACN (sACN / E1.31), Time Code (Art-Net / MIDI / SMPTE / System Time), WDM
Supported Operating Systems	Microsoft Windows 10 64 bit only
License Requirements	MADRIX® 5 licenses require a valid, metallic MADRIX® KEY.
Demo Version	Download MADRIX® 5 from www.madrix.com

Even more options are available via converters or bridging tools for input as well as output.



MADRIX 5 Software

Enjoy state-of-the-art features for unique 2D and real 3D.



3D Voxel Mapping In X, Y, And Z

MADRIX® 5 provides a leading-edge feature set to fully control real 3D LED matrices. MADRIX® 5 supports volume rendering (voxel mapping). This approach is fundamentally different to the 3D projections or the physical layout of 2D surface areas that are widely known nowadays. It makes your installation state-of-the-art.

Combine 2D And 3D

Combine any 2D project with 3D elements in order to create even more spectacular attractions for your audience, customers, and clients. MADRIX® 5 is a powerful tool that will help you realize the projects you want to build. Mapping LEDs is fast, creative, and fun. MADRIX® 5 certainly takes your LED display to the next level.

2D Pixel Mapping

The MADRIX® 5 Software makes it possible to control numerous LED fixtures; also of different kinds. Position them according to your needs in nearly any form or shape. Map pixel by pixel and achieve pixel-perfect results, even with the lowest of pixel resolutions. The result are crisp and sharp visuals on your LEDs.



MADRIX 5 Licenses

Different licenses are available for different needs and project sizes.

MADRIX® 5 License

	start	entry	basic	professional
DMX Channels	1,024	4,096	16,384	65,536
DMX Universes (Example)	2	8	32	128
RGB Voxels (Example)	341	1,365	5,461	21,845
DVI Voxels	4,096	16,384	262,144	1,048,576
Render Resolution (Example)	64 x 64	128 x 128	512 x 512	1,024 x 1,024
Upgradable	✓	✓	✓	✓
Validity	Lifetime	Lifetime	Lifetime	Lifetime

MADRIX® 5 License

	ultimate	maximum	preprogrammer
DMX Channels	262,144	1,048,576	MADRIX® 5 preprogrammer is a special license available for project preparation. It provides no output for MADRIX® 5, but removes major limitations of the demo mode.
DMX Universes (Example)	512	2,048	
RGB Voxels (Example)	87,381	349,525	
DVI Voxels	2,097,152	2,097,152	
Render Resolution (Example)	2,048 x 1,024	2,048 x 1,024	
Upgradable	✓	—	—
Validity	Lifetime	Lifetime	Lifetime

MADRIX® 5 License Upgrades

You can easily upgrade the license on your MADRIX® KEY to any higher license at any time in order to increase the available output. MADRIX® 5 License Upgrades can simply be processed online. Please contact your dealer for more information.

