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Features:

FUTURELIGHT LED PXB-160 Artnet Bar

LED bar for video and pixel mapping applications via Art-Net

- Modular LED bar with 160 pixels for video and pixel mapping applications
- Quick and easy control via Art-Net
- Extra bright and colorful projection of videos, animations and graphics
- Modular concept allows the build-up of large areas
- Ideal for rental companies, stage/fair construction and fixed installation
- For use with MADRIX or any other lighting control software supporting Art-Net
- RGB SMD 5050 LEDs, covered by a smooth diffuser plate, provide excellent color rendering and wide viewing angles
- 2 x 16-digit LCD screen for menu settings
- Integrated web interface for comfortable configuration and firmware updates through a browser
- Useful software tool scans the network and identifies fixtures
- RDM-ready
- Signal processing via onboard receiver card
- Signal distribution via UTP cable
- Ethernet input and output
- Neutrik PowerCon input and output
- Movable mounting bracket for flexible installation
- Switch-mode power supply for operation between 100 and 240 volts

MADRIX KEY basic

MADRIX KEY + MADRIX 5 license basic

- Includes 1x MADRIX KEY and 1x MADRIX 5 License basic

Logistic

- MADRIX 5 is a powerful, easy-to-use, and award-winning LED lighting control software
- Allows you to realize all kinds of different LED projects and lighting designs
- A normal PC/laptop can be used for professional LED control
- Activates output for up to 32x 512 DMX channels (16,384 DMX channels, or 32 DMX universes, for example) and up to 262,144 DVI voxels (a resolution of 512 x 512 pixels, for example)
- The license is activated via a USB dongle and can be used flexibly on different computers as needed
- Can be upgraded to higher licenses (up to MADRIX 5 KEY maximum)
- Online activation is initially required one time
- Only one MADRIX 5 License is possible per MADRIX KEY
- Only one MADRIX 5 KEY can be connected to the software
- Supports many industry protocols and communication standards for direct connection to your LEDs and LED controllers: 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), ColourSmart Link, Colorlight A8, Colorlight 5A, Colorlight T9, DVI (VGA, HDMI, and more), Eurolite T9
- Even more options are available via converters or bridging tools
- Allows mapping in 2D (pixel mapping) as well as real, spatial 3D (voxel mapping)
- The software generates unique effects, visuals, and animations live and in real time
- No additional content is required
- Already includes a multitude of stock effects that are fully customizable (in speed, color, shape, direction, size, movement, position, brightness, and many more)
- Analyzes incoming audio signals for Sound2Light and Music2Light in real time (WDM or ASIO)
- TRI effect category for interactive performances
- New lighting scenes can easily be created in seconds
- Supports media server features also: Conveniently load and play back images, pictures, logos, and videos as well as live video signal capturing, screen capturing, scrolling text (ticker), and more
- Supports audio playback for videos
- Variety of options to combine visuals and graphical elements (layers, mix modes, filters, etc.)
- Clean and simple user interface with 2 themes (dark and light)
- DJ-/VJ-like operation with 2 decks (A/B) and a crossfader
- 256 x 256 Storage Places to organize and store effects
- 3 real-time previews to show your visual effects in advance (incl. 2D/3D, zoom, rotation)
- 2 DVI outputs
- Controls up to 4 color channels per pixel/voxel (1-channel, 2-channel, RGB, RGBW fixtures, for example)
- Freely configurable Cue List for automated playback of a show (incl. time, date, duration, etc.)
- Supports Time Code (Art-Net, MIDI, SMPTE, and System Time)
- Input, interoperability, and remote control available through industry standards: Art-Net (I, II, 3, 4), Blackmagic Design (DeckLink, Intensity, and more), C1TP, DMX512, GamePort, MA-Net 1 / MA-Net 2, MADRIX I/O, MIDI, NewTek NDI (Send & Receive), Remote HTTP (Web Server), Spout (Send & Receive), Streaming ACN (sACN / E1.31)
- Even more options are available via converters or bridging tools
- Accompanying Fixture Editor including large fixture library
- Comfortable patching features (incl. Matrix Generator, graphical Patch Editor with background image support, DVI Patch, CSV Fixture List Import, Fixture List Export, and more)
- Includes various other tools and features (Art-Net Time Code Sender, DMX Fader Tool, DMX Watcher, MIDI Watcher, Touch Screen window, backup system, scripting, mapping, scaling, etc.)
- Supports various 3rd-party interfaces via aforementioned standards as well as MADRIX hardware interfaces (sold separately)
- Minimum system requirements: 2.0 GHz dual-core CPU, OpenGL 2.1 graphics card (NVIDIA recommended), 2 GB RAM, 1 GB free harddisk space, 1280 x 768 screen resolution, network card, sound card, USB 2.0 (optimal system specifications will often be higher)
- Supported operating systems: Microsoft Windows 7 | 8 | 8.1 | 10 (64 bit only)
- Package contents: Beautiful, high-quality box including 1x MADRIX KEY, 1x USB flash drive incl. MADRIX 5 Software, 1x lanyard, and 1x quick start guide
- Software and installation instructions available in English, German, Spanish, French, and Simplified Chinese
- All user manuals are provided digitally and available in English
- User manuals also available at help.madrix.com
- Made in Germany
- Free software demo mode and more information available at www.madrix.com

Technical specifications:

Legal specifications

Special product:	Not designed for household room illumination
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Intended use:	Show effect lighting
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FUTURELIGHT LED PXB-160 Artnet Bar

Power supply:	100-240 V AC, 50/60 Hz
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Power consumption:	60,00 W
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Dimensions:	Length: 100 cm Depth: 10,9 cm Height: 14,5 cm
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Protocol:	Art-Net 3
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Pixel configuration:	RGB SMD 5050
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Resolution:	160 pixels
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Pixel pitch:	25 mm
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Brightness:	850 cd/m ² (nits)
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Viewing angle:	120°
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Display refresh rate:	400 Hz
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Video refresh rate:	60 fps
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DMX channels:	480
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Signal port:	2 x RJ45, CAT5e
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Dimensions (L x W x H):	1000 x 109 x 145 mm
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Weight:	4.5 kg
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Legal specifications

Special product:	Not designed for household room illumination
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Intended use:	Show effect lighting
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MADRIX KEY basic

Power connection:	Mains input via USB A (M) connectable version
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Weight:	0,06 kg
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