DMXking eDMX2 MAX

DMXking eDMX2 MAX Ethernet DMX Adapter (3-Pin) User Manual

Model: eDMX2 MAX

INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your DMXking eDMX2 MAX Ethernet DMX Adapter (3-Pin). The eDMX2 MAX is a versatile 2-universe DMX node supporting Art-Net/sACN (E1.31) over Ethernet and USB DMX, with Power over Ethernet (PoE) capability.

PRODUCT OVERVIEW

The DMXking eDMX2 MAX is designed for flexible DMX control, offering two DMX512 universes that can be configured as output or input. Its compact design and multiple power options make it suitable for various lighting applications.

Key Features

- 2x DMX512 Out or DMX512 In with Art-Net, sACN E1.31 and E1.20 RDM support.
- Compatible with ENTTEC Pro over USB, and Art-Net I, II & 3 and sACN/E1.31 protocols over Ethernet.
- Configuration utility available for both Windows and Mac OSX.
- Supported operating systems: Any with Ethernet networking support (Windows, MAC OS, Linux, iOS, Android).
- 1500V Isolation between every port for enhanced reliability.
- Durable metal enclosure.
- Firmware upgradable.

What's in the Box

- DMXking eDMX2 MAX Ethernet DMX Adapter (3-Pin)
- USB-C cable

Product Views

Figure 1: Front view of the eDMX2 MAX, showing the two 3-pin DMX ports (A and B) and an SD card slot. The device label with model information is visible.

Figure 2: Side view of the eDMX2 MAX, highlighting the Ethernet port (with PoE capability), USB-C port for power/data, and the I/O port. Status LEDs for Network, PoE, Link/Act, and Protocol are also visible.

Figure 3: Angled view of the eDMX2 MAX, providing a comprehensive look at both the DMX output/input ports and the connectivity options on the side.

SETUP

Follow these steps to set up your DMXking eDMX2 MAX adapter:

1. **Power Connection:**

   - **Power over Ethernet (PoE):** Connect a standard Ethernet cable from a PoE-enabled switch or injector to the Ethernet port on the eDMX2 MAX. The device will power on automatically.
   - **USB Power:** Alternatively, connect the supplied USB-C cable to the USB-C port on the eDMX2 MAX and to a USB power source (e.g., computer, USB power adapter).

2. **Network Connection (for Art-Net/sACN):** Connect a standard Ethernet cable from your network switch or router to the Ethernet port on the eDMX2 MAX. Ensure your computer or DMX control software is on the same network.

3. **USB Connection (for USB DMX):** Connect the supplied USB-C cable from the eDMX2 MAX to your computer. The device will be recognized as an ENTTEC Pro compatible DMX interface.

4. **DMX Device Connection:** Connect your DMX lighting fixtures or other DMX-compatible devices to the 3-pin DMX ports (A and B) on the eDMX2 MAX using standard DMX cables. Ensure correct DMX termination if required by your DMX chain.

5. **Configuration Utility:** Download and install the DMXking configuration utility for Windows or Mac OSX from the official DMXking website. This utility is used to configure network settings, DMX universe assignments, and other device parameters.

OPERATING INSTRUCTIONS

The eDMX2 MAX supports both Ethernet-based DMX (Art-Net/sACN) and USB DMX protocols. The operational mode depends on how the device is connected and configured.

Ethernet DMX (Art-Net/sACN)

1. **Network Configuration:** Use the DMXking configuration utility to set the IP address and subnet mask of the eDMX2 MAX to match your network. The device can be configured for static IP or DHCP.

2. **Universe Assignment:** Assign DMX universes to ports A and B using the configuration utility. For Art-Net, it is common practice to start with Universe 0 for the first universe and Universe 1 for the second.

3. **DMX Software Setup:** In your DMX control software (e.g., QLC+, Lightkey, Onyx), select Art-Net or sACN as the output protocol and configure it to send data to the IP address of your eDMX2 MAX. Ensure the universe assignments in your software match those configured on the device.

4. **Monitoring:** The Link/Act LED indicates network activity, and the Protocol LED indicates DMX data flow.

USB DMX

1. **Driver Installation:** When connecting via USB, your operating system may automatically install necessary drivers. If not, refer to the DMXking website for specific driver information. The device emulates an ENTTEC Pro interface.

2. **DMX Software Setup:** In your DMX control software, select the ENTTEC Pro or compatible USB DMX interface. Note that typically only one DMX universe is available when operating in USB DMX mode.

Note: When using Art-Net protocol, ensure your first universe is set to Universe 0 and your second universe to Universe 1 for proper operation, as noted by some users.

MAINTENANCE

The DMXking eDMX2 MAX is designed for durability and requires minimal maintenance.

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the device. Avoid using harsh chemicals or abrasive materials.
- **Firmware Updates:** Periodically check the DMXking website for firmware updates. Firmware updates can provide new features, performance improvements, or bug fixes. Follow the instructions provided with the firmware update utility carefully.
- **Storage:** When not in use, store the device in a cool, dry place away from direct sunlight and extreme temperatures.

TROUBLESHOOTING

If you encounter issues with your eDMX2 MAX, refer to the following common troubleshooting steps:

- **No Power/LEDs Off:**
  - Ensure the USB-C cable is securely connected to a working power source, or that the Ethernet cable is connected to a PoE-enabled switch/injector.
  - Verify the power source is active.

- **No DMX Output/Input:**
  - **Ethernet DMX:**
    - Check network connectivity. The Network and Link/Act LEDs should be active.
    - Confirm the eDMX2 MAX IP address and subnet mask are correctly configured and match your network.
    - Verify DMX universe assignments in the configuration utility and your DMX software. Remember Art-Net often uses Universe 0 and 1.
    - Ensure your DMX software is sending data to the correct IP address and port.
    - Check DMX cable connections and ensure DMX termination is correctly applied if needed.
  - **USB DMX:**
    - Ensure the USB-C cable is securely connected to your computer.
    - Verify that the device is recognized by your operating system and DMX software as an ENTTEC Pro compatible interface.
    - Confirm your DMX software is configured to use the USB DMX interface.

- **Device Not Found by Configuration Utility:**

- Ensure the device is powered on and connected to the same network as your computer (for Ethernet configuration).
- Temporarily disable any firewalls or antivirus software that might block network communication.
- Try connecting via USB if Ethernet discovery fails.

For further assistance, refer to the DMXking website or contact DMXking support.

SPECIFICATIONS

Feature	Detail
Model	DMXking eDMX2 MAX
DMX Universes	2 (configurable as Out or In)
DMX Connectors	3-Pin XLR
Protocols (Ethernet)	Art-Net I, II & 3, sACN (E1.31), E1.20 RDM
Protocols (USB)	ENTTEC Pro compatible
Power Options	Power over Ethernet (PoE), USB-C
Hardware Interface	Ethernet, USB
Isolation	1500V between every port
Enclosure	Tough metal
Supported OS	Windows, MAC OS, Linux, iOS, Android (with Ethernet support)
Package Dimensions	5.47 x 3.9 x 1.85 inches
Item Weight	9.2 ounces
Manufacturer	DMXking

WARRANTY AND SUPPORT

DMXking products are designed for reliability. For specific warranty information, please refer to the official DMXking website or the documentation included with your purchase. For technical support, firmware downloads, and additional resources, visit the DMXking support page:

www.dmxking.com

Always ensure you are using the latest firmware for optimal performance and compatibility.

Related Documents - eDMX2 MAX

DMXking.com ultraDMX2 PRO Interface User Manual
Comprehensive user manual for the DMXking.com ultraDMX2 PRO interface, detailing features, installation, configuration, USB DMX modes, technical specifications, and warranty information.

	[ultraDMX MAX User Manual | DMXking USB DMX Interface](#) Comprehensive user manual for the DMXking ultraDMX MAX, detailing its features, setup, configuration, technical specifications, and warranty information for professional lighting control.
	[DMXking eDMX4 MAX User Manual: Features, Specifications, and Operation](#) This user manual provides comprehensive details on the DMXking eDMX4 MAX, a versatile Art-Net and sACN/E1.31 compatible DMX controller. It covers features, technical specifications, USB DMX operation, configuration, and warranty.
	[24 X-Power Tanning Bed User Manual and Assembly Guide](#) Comprehensive guide for the 24 X-Power tanning bed, covering assembly, operation, maintenance, troubleshooting, and warranty information. Includes safety precautions and exposure time recommendations.
	[Ubiquiti UniFi Pro Max 16 PoE Installation Guide](#) Installation guide for the Ubiquiti UniFi Pro Max 16 PoE, a Layer 3 managed switch with 16 Gigabit Ethernet ports.
	[Veracity LONGSPAN Max XT VLS-LSM-CXT Quickstart Guide for Exterior Long Range Ethernet & High Power PoE](#) Quickstart guide for the Veracity LONGSPAN Max XT (VLS-LSM-CXT) device, detailing installation, connectivity, mounting, and specifications for exterior long-range Ethernet and high-power PoE applications.

Documents - DMXking – eDMX2 MAX

[pdf] User Manual

Jason Kyle eDMX2 MAX User Manual EN dmxking |||

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eDMX MAX LeDMX MAX Record Playback USER MANUAL Firmware v4.2/v4.4 - Windows Utility v1.28 DMXking.c ... owing products have support when updated to latest firmware. Record/playback supported: eDMX4 MAX eDMX2 MAX eDMX4 MAX DIN eDMX4 MAX ISODIN DMXking.com JPK Systems Limited I Zealand 0129-701-4....

lang:en score:35 filesize: 621.14 K page_count: 27 document date: 2023-05-09