

Enttec 70570

Enttec DMX USB DMXIS 70570 Lighting Controller Interface & Software User Manual

Model: 70570

INTRODUCTION

The Enttec DMX USB DMXIS 70570 is a DMX-512 lighting controller interface designed for use with Mac and PC operating systems. This device allows you to control DMX-compatible lighting fixtures using the included DMXIS software, which functions as a VST/AU plugin. This manual provides essential information for the proper setup, operation, and maintenance of your DMXIS system.

SETUP

1. Hardware Connection

Connect the DMXIS interface to your computer and DMX lighting fixtures as described below.



Figure 1: Front view of the Enttec DMXIS 70570 interface, highlighting the various ports and branding.

1. **Connect USB:** Use a standard USB cable to connect the DMXIS interface's USB port to an available USB port on your Mac or PC.



Figure 2: Rear view of the Enttec DMXIS 70570 interface, showing the USB connection point.

2. **Connect DMX Out:** Connect your DMX-compatible lighting fixtures to the DMXIS interface using either the 3-pin or 5-pin DMX OUT ports. Ensure proper DMX cabling and termination for your lighting setup.



Figure 3: Detailed view of the DMX output and footswitch connections.

3. **Footswitch (Optional):** If desired, connect a compatible footswitch to the FOOTSWITCH input for hands-free control during performances.

2. Software Installation

The DMXIS software is available as a download. Follow the instructions provided with your software download for

installation on your specific operating system (Mac or PC). The software functions as a VST or AU plugin, integrating with your digital audio workstation (DAW) or other compatible host software.

OPERATING INSTRUCTIONS

1. Launching DMXIS Software

Once installed, launch your host software (DAW) and load DMXIS as a VST or AU plugin on an instrument track or auxiliary track. The DMXIS interface should be recognized automatically by the software.

2. Software Interface Overview

The DMXIS software interface provides comprehensive control over your DMX lighting fixtures. It typically features faders, buttons, and various control parameters for individual channels and effects.



Figure 4: DMXIS software interface for controlling lighting parameters.

3. Programming Lighting Scenes and Chases

- **Fixture Setup:** Configure your DMX fixtures within the DMXIS software, assigning DMX addresses and defining their capabilities (e.g., color, dimmer, strobe, movement).
- **Scene Creation:** Adjust the faders and controls to achieve a desired lighting state. Save this state as a 'scene'.
- **Chase Creation:** Combine multiple scenes into a 'chase' to create dynamic lighting sequences. Adjust timing and transition effects.
- **Sound Activation:** Utilize the sound tracker feature to synchronize lighting effects with audio input.

- **Macros:** Create and assign macros for quick access to complex functions or combinations of effects.

4. Live Performance Control

During live performances, you can trigger scenes, chases, and effects manually via the software interface, or through MIDI commands from your DAW, or using a connected footswitch.

MAINTENANCE

The Enttec DMXIS 70570 interface requires minimal maintenance. Keep the device clean and free from dust. Store it in a dry environment away from extreme temperatures. Regularly check USB and DMX cables for damage to ensure reliable operation.

- **Software Updates:** Periodically check the Enttec website for software and firmware updates to ensure optimal performance and compatibility.
- **Cleaning:** Use a soft, dry cloth to clean the exterior of the device. Do not use liquid cleaners or solvents.

TROUBLESHOOTING

- **Device Not Recognized:**
 - Ensure the USB cable is securely connected to both the DMXIS interface and your computer.
 - Try a different USB port or USB cable.
 - Restart your computer and host software.
 - Verify that the necessary drivers for the DMXIS interface are installed. Refer to the software installation guide.
- **No Lighting Output:**
 - Check all DMX cable connections between the DMXIS interface and your lighting fixtures.
 - Ensure DMX termination is correctly applied at the end of your DMX chain.
 - Verify that your lighting fixtures are powered on and set to the correct DMX address mode.
 - Confirm that DMXIS software is sending output and that scenes/chases are active.
- **Software Crashing/Unresponsive:**
 - Ensure your host software (DAW) and operating system meet the minimum requirements for DMXIS.
 - Update DMXIS software to the latest version.
 - Close other demanding applications running on your computer.

SPECIFICATIONS

| Feature | Detail |
|-------------------------|------------------------|
| Model Number | 70570 |
| Brand | Enttec |
| Connectivity Technology | USB |
| Number of Channels | 512 (One DMX Universe) |

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|----------------------|------------------------|
| Compatible Devices | Personal Computer |
| Supported Software | VST, AU |
| Operating System | macOS, Windows |
| Item Weight | 9 ounces |
| Product Dimensions | 3.25 x 4.25 x 2 inches |
| First Available Date | March 13, 2015 |