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Obsidian NXK

Obsidian NXK ONYX Control Surface User Manual

Model: NXK

INTRODUCTION

The Obsidian NXK ONYX Control Surface is an additional control surface designed to enhance the functionality and user experience of ONYX-enabled lighting controllers. It provides tactile control over various parameters, streamlining programming and live operation for lighting professionals.





This image displays the Obsidian NXK ONYX Control Surface, featuring a grid of backlit buttons, a numeric keypad, and several rotary encoders at the top. The device has a dark gray textured finish with a black base displaying the 'NXK' logo.

SETUP

Follow these steps to set up your NXK ONYX Control Surface:

1. **Unpacking:** Carefully remove the NXK Control Surface from its packaging. Inspect for any visible damage.
2. **Placement:** Place the control surface on a stable, flat surface near your ONYX-enabled lighting controller or computer.
3. **Connection:** Connect the NXK Control Surface to your ONYX-enabled device using a standard USB cable. The device is typically powered via USB, eliminating the need for an external power supply.
4. **Driver Installation (if required):** In most cases, the NXK is plug-and-play. If your operating system does not automatically recognize the device, visit the official Obsidian website for the latest drivers and software updates.
5. **Software Configuration:** Launch your ONYX lighting control software. The NXK Control Surface should be detected automatically. Refer to your ONYX software manual for specific configuration settings related to external control surfaces.

OPERATING THE NXK CONTROL SURFACE

The NXK Control Surface provides dedicated buttons and encoders for efficient control of your ONYX lighting system. Familiarize yourself with the layout and functions:

Top Rotary Encoders

The top row features several rotary encoders, typically used for parameter adjustment, intensity control, or navigation within menus. Their specific function will depend on the active mode or selected fixture in the ONYX software.

Function Buttons (Top Rows)

- **Menu:** Access the main menu or context-sensitive options.
- **Macro:** Trigger pre-programmed macros.
- **Snap Shot:** Capture the current state of the lighting rig.
- **Bank:** Switch between different banks of faders or playbacks.
- **Preview:** Enter or exit preview mode for programming.
- **High Light:** Activate highlight mode for selected fixtures.
- **Fade:** Adjust fade times for cues or changes.
- **Delay:** Set delay times for actions.
- **Swap Prog:** Swap between programmer and playback.
- **Link:** Link cues or events.
- **Last / Next:** Navigate through cues or lists.

Editing and Navigation Buttons

- **Edit:** Enter edit mode for selected items.
- **Undo:** Revert the last action.
- **Clear:** Clear the programmer or selection.
- **Copy:** Copy selected elements.
- **Move:** Move selected elements.
- **Delete:** Delete selected elements.

Numeric Keypad and Modifiers

The numeric keypad (0-9, ., Enter) is used for direct value entry. Additional modifier buttons include:

- **/ (Slash):** Often used for division or specific command syntax.
- **- (Minus):** Used for subtraction or negative values.
- **+ (Plus):** Used for addition or positive values.
- **← (Back Arrow):** Backspace or navigate back.
- **Thru:** Select a range of fixtures or cues.
- **Full:** Set intensity to full.
- **@ (At):** Used for setting values or specific commands.

Playback and Recording Buttons

- **Record:** Initiate recording of cues or sequences.
- **Update:** Update existing cues or presets.
- **Load:** Load cues or shows.

- **Group:** Create or select fixture groups.
- **Cue:** Access or trigger specific cues.

For detailed operational procedures and advanced functions, please refer to the comprehensive ONYX software manual.

MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your NXK Control Surface:

- **Cleaning:** Use a soft, dry, lint-free cloth to wipe the surface of the device. For stubborn marks, a slightly damp cloth with mild soap can be used, ensuring no liquid enters the device. Avoid abrasive cleaners, solvents, or aerosol sprays.
- **Storage:** When not in use for extended periods, store the control surface in a clean, dry environment, away from direct sunlight, extreme temperatures, and excessive dust.
- **Cable Management:** Ensure USB cables are not kinked or strained, as this can damage the cable or the port on the device.
- **Software Updates:** Regularly check the Obsidian website for firmware updates for the NXK Control Surface and software updates for your ONYX system to ensure compatibility and access to new features.

TROUBLESHOOTING

If you encounter issues with your NXK Control Surface, try the following troubleshooting steps:

- **Device Not Recognized:**
 - Ensure the USB cable is securely connected to both the NXK and your computer/controller.
 - Try a different USB port.
 - Try a different USB cable.
 - Restart your computer/controller and the ONYX software.
 - Check the device manager (Windows) or System Information (macOS) to see if the device is listed.
 - Install or update the latest drivers from the Obsidian website.
- **Buttons/Encoders Unresponsive:**
 - Verify that the NXK is properly recognized by the ONYX software.
 - Ensure the ONYX software is the active window and not minimized.
 - Check for any software conflicts with other USB devices.
 - Perform a firmware update if available.
- **Intermittent Connection:**
 - Avoid using unpowered USB hubs; use a powered hub if necessary.
 - Ensure the USB cable is not excessively long.
 - Check for electromagnetic interference from other devices.

If the issue persists after trying these steps, please contact Obsidian technical support.

SPECIFICATIONS

Feature	Detail
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Product Dimensions	16.65 x 14.3 x 8.4 inches
Item Weight	6.72 pounds
ASIN	B0BDMTCJML
Date First Available	September 8, 2022
Compatibility	ONYX-enabled lighting controllers
Connectivity	USB




WARRANTY AND SUPPORT

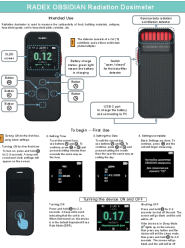


Warranty Information: The Obsidian NXK ONYX Control Surface comes with a standard manufacturer's warranty. Please refer to the warranty card included with your product or visit the official Obsidian website for detailed terms and conditions regarding warranty coverage and duration.

Technical Support: For technical assistance, troubleshooting beyond this manual, or service inquiries, please contact Obsidian customer support. Contact information can typically be found on the Obsidian website or within your product's packaging.

Note: Keep your proof of purchase for warranty claims.

Related Documents - NXK

<div><p>NX^K Installation Guide</p></div>	<p>Obsidian NX K Installation Guide - ONYX Control Surface</p> <p>Comprehensive installation guide for the Obsidian NX K USB powered control surface for ONYX lighting consoles. Learn about setup, features, safety, specifications, and maintenance.</p>
<div><p>NX¹ Installation Guide</p></div>	<p>Obsidian NX1 Installation Guide</p> <p>This guide provides comprehensive instructions for installing and operating the Obsidian NX1 lighting controller, covering features, specifications, safety, connections, maintenance, and dimensions.</p>
<div><p>NETRON EN4 Installation Guide</p></div>	<p>Obsidian Netron EN4 Installation Guide</p> <p>Comprehensive installation guide for the Obsidian Netron EN4 DMX and EtherDMX Gateway processor, covering setup, connections, safety, maintenance, and specifications.</p>

	<p>RADEX OBSIDIAN Radiation Dosimeter: User Guide and Specifications</p> <p>Discover the RADEX OBSIDIAN Radiation Dosimeter. This guide covers its intended use, operation, screen interpretation, technical specifications, and what's included in the package.</p>
	<p>Cisco Nexus 9364D-GX2A NX-OS Mode Switch Hardware Installation Guide</p> <p>Comprehensive guide for installing the Cisco Nexus 9364D-GX2A NX-OS Mode Switch, covering site preparation, chassis installation, network connections, and component replacement.</p>
	<p>Mokwheel Obsidian 2.0 E-Bike User Manual</p> <p>Comprehensive user manual for the Mokwheel Obsidian 2.0 electric bike, covering safety precautions, product description, assembly, operation, maintenance, and care.</p>