

Raritan DKX3-232

Raritan Dominion KX III DKX3-232 KVM Switchbox User Manual

Model: DKX3-232

INTRODUCTION

The Raritan Dominion KX III DKX3-232 is a high-performance, secure, and reliable KVM-over-IP switch designed for remote server management. This 32-port device supports 2 remote users, features a DVI local port, virtual media capabilities, and dual power inputs for enhanced reliability. This manual provides essential information for the setup, operation, and maintenance of your DKX3-232 KVM Switchbox.

SETUP

1. Unpacking and Inspection

Carefully unpack the Dominion KX III DKX3-232 KVM Switchbox and all accessories from its packaging. Verify that all components listed in the packing list are present and undamaged. If any items are missing or damaged, contact your vendor immediately.

2. Physical Installation

The DKX3-232 is designed for rack mounting. Secure the unit in a standard 19-inch equipment rack using the provided rack-mount kit. Ensure adequate ventilation around the unit to prevent overheating.



Figure 1: Front view of the Raritan Dominion KX III DKX3-232 KVM Switchbox, showing the sleek design and branding.

3. Connecting Power

Connect the two included power cords to the dual power inlets on the rear of the DKX3-232 and then to separate, grounded AC power outlets. The dual power supplies provide redundancy for continuous operation.

4. Network Connection

Connect one or both LAN ports (LAN1, LAN2) on the rear panel to your network using standard Ethernet cables. These connections are essential for remote IP access to the KVM switch.

5. Connecting Servers and Local Console

Connect your servers to the KVM ports (1-32) on the rear of the switch using appropriate KVM cables (e.g., DVI, USB). For local console access, connect a DVI monitor, USB keyboard, and USB mouse to the DVI-D and USB ports in the "LOCAL USER" section.



Figure 2: Rear view of the Raritan Dominion KX III DKX3-232, illustrating the various ports for power, network, local console, and 32 KVM server connections.

6. Initial Power-On

Once all connections are secure, power on the KVM switch. Observe the front panel LEDs for status indicators. The unit will perform a self-test upon startup.

OPERATING INSTRUCTIONS

1. Accessing the KVM Switch

- **Local Console:** Use the directly connected monitor, keyboard, and mouse to navigate the local OSD (On-Screen Display) menu.
- **Remote IP Access:** Open a web browser on a networked computer and enter the IP address of the DKX3-232. Log in with your credentials to access the web interface.

2. Switching Between Servers

Servers can be selected via the local OSD menu, the web interface, or hotkey commands from the connected keyboard. Refer to the on-screen prompts or web interface for specific navigation options.

3. Virtual Media Functionality

The virtual media feature allows you to map local storage devices (e.g., USB drives, CD/DVD-ROMs) to remote servers connected to the KVM switch. This is useful for software installations, patches, and diagnostics. Access this feature through the web interface.

MAINTENANCE

1. Firmware Updates

Periodically check the Raritan website for the latest firmware updates for your DKX3-232. Firmware updates can provide new features, performance improvements, and security enhancements. Follow the instructions provided with the firmware package for a safe update process.

2. Cleaning

Keep the KVM switch clean and free of dust. Use a soft, dry cloth for external cleaning. Do not use liquid cleaners or aerosols directly on the unit.

3. Environmental Considerations

Ensure the operating environment maintains appropriate temperature and humidity levels as specified in the product's technical specifications to ensure optimal performance and longevity.

TROUBLESHOOTING

This section provides solutions to common issues you might encounter with your Raritan Dominion KX III DKX3-232.

- **No Video Display:**
 - Check DVI cable connections to the local console and KVM switch.
 - Ensure the monitor is powered on and set to the correct input.
 - Verify the server connected to the KVM port is powered on and outputting video.
- **Keyboard/Mouse Not Responding:**
 - Ensure USB cables are securely connected to the local console ports.
 - Try connecting a different keyboard/mouse to rule out device failure.
 - Check the KVM cable connection to the server.
- **Cannot Access via Network (IP):**
 - Verify Ethernet cables are properly connected to LAN ports and network switch.
 - Check network configuration (IP address, subnet mask, gateway) of the KVM switch.
 - Ensure there are no firewall rules blocking access to the KVM switch's IP address.
 - Ping the KVM switch's IP address from a networked computer.
- **Unit Not Powering On:**
 - Ensure both power cords are securely connected to the unit and active power outlets.
 - Check the power source (PDU, wall outlet) for power.

If issues persist after attempting these steps, refer to the full product documentation or contact Raritan technical support.

SPECIFICATIONS

The following table outlines the key specifications for the Raritan Dominion KX III DKX3-232 KVM Switchbox.

Feature	Detail
Model Number	DKX3-232
KVM Ports	32
Remote Users	2
Local Console Port	DVI

Feature	Detail
Virtual Media	Supported
Power Input	Dual, Corded Electric (100-240Vac, 50-60Hz)
Dimensions (LxWxH)	17.32 x 13.15 x 1.73 inches
Item Weight	9.08 pounds (4120 Grams)
USB 2.0 Ports	4
Connectivity Technology	USB
Compatible Devices	Personal Computer, Laptop



Figure 3: Product label for the Raritan Dominion KX III DKX3-232, displaying model number, serial number (HKQ490), input power specifications, and compliance markings (FCC, UL, CE, RoHS).

Note: Serial number HKQ490 and model DKX3-232 are visible on the label.

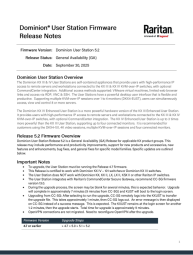
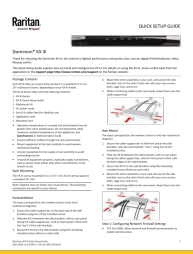
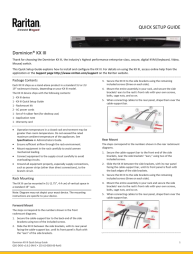
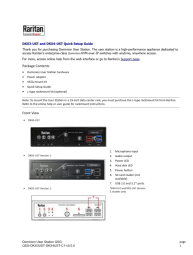
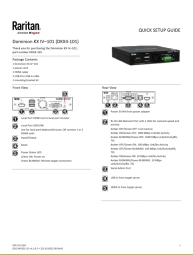
WARRANTY AND SUPPORT

Raritan products are backed by a manufacturer's warranty. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official Raritan website. For technical assistance, product inquiries, or to report issues, please contact Raritan's customer support through their official channels.

Manufacturer: Raritan Inc.
Website: www.raritan.com
Address: 400 Cottontail Lane, Somerset, NJ 08873, USA

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Related Documents - DKX3-232

	<p>Dominion User Station Firmware Release Notes v5.2</p> <p>Release notes for Raritan Dominion User Station firmware version 5.2, detailing new features, enhancements, bug fixes, and upgrade prerequisites for KVM-over-IP switches.</p>
	<p>Raritan Dominion KX III Quick Setup Guide</p> <p>Step-by-step instructions for installing and configuring the Raritan Dominion KX III digital KVM switch, including network setup, hardware connections, and basic configuration.</p>
	<p>Raritan Dominion KX III Quick Setup Guide</p> <p>This guide provides instructions for installing and configuring the Raritan Dominion KX III, a high-performance enterprise-class digital KVM switch. It covers package contents, rack mounting, network setup, target server connection, and remote console access.</p>
	<p>Raritan Dominion User Station DKX3-UST and DKX4-UST Quick Setup Guide</p> <p>Quick setup guide for Raritan's Dominion User Station (DKX3-UST and DKX4-UST), detailing hardware connections, initial login, adding devices, and using KVM/Serial clients for enterprise-class KVM-over-IP access.</p>
	<p>Raritan Dominion KX IV-101 (DKX4-101) Quick Setup Guide</p> <p>A comprehensive quick setup guide for the Raritan Dominion KX IV-101 (DKX4-101) KVM over IP switch, detailing package contents, port descriptions, equipment connection procedures, and initial configuration steps for PC and iOS devices.</p>



Thank you for purchasing the Raritan Dominion KX IV-101 (DKX4-101) KVM switch. This guide provides instructions for installing and configuring the device, including package contents, device views, connection steps, and initial setup options.



[Raritan Dominion KX IV-101 \(DKX4-101\) Quick Setup Guide](#)

This guide provides instructions for installing and configuring the Raritan Dominion KX IV-101 (DKX4-101) KVM switch, including package contents, device views, connection steps, and initial setup options.