

Release Notes for Dominion® KX III User Station Version 1.0

Date: December 4, 2015

Applicability:

Dominion KX III models:

DKX3-108, DKX3-116, DKX3-132, DKX3-216, DKX3-232, DKX3-416, DKX3-432, DKX3-464

DKX3-808 (fast switching and connections)

DKX3-832, DKX-864

Release 3.2 (or above) required on the Dominion KX III

Dominion KX III User Station Overview

The Dominion KX III User Station is a self-contained appliance that provides users with high-performance IP access to remote servers and workstations connected to the KX III KVM-over-IP switches. Perfect for labs, studios, control rooms, offices and data centers, the user station is easy to deploy using standard Cat5/6 cabling and Ethernet/IP technology. The User Station has a powerful desktop user interface that is flexible and productive. Supporting multiple KVM-over-IP sessions over single or dual monitors, users can simultaneously access, view and control 8 or more servers.

Release 1.0 Firmware Overview

Release 1.0 is the factory-installed release for the User Station.

Dominion KX III Release 1.0 Features

- **Powerful Intel-based platform.** Supports dual LAN, single power supply, single or dual HDMI or DisplayPort monitors, USB keyboard, mouse & virtual media, audio input/output, VESA mount bracket and optional 19" rack mount bracket. Powerful video processor supporting two 1080p streaming video sessions at 30 FPS.
- **Productive and Powerful User Interface.** Productive user interface with Window Manager, Port Navigator, single or dual monitor support, and support for 8 or more simultaneous KVM Sessions. Full-featured KVM client with hotkeys, favorites, full screen mode with hidden toolbar, virtual media, and digital audio. User Station configuration and management, user management, and system settings.
- **Flexible and Easy to Deploy.** Flexible and configurable bandwidth for any network environment, runs on LAN or WAN, use corporate or separate network, supports IPv4 & IPv6, access hundreds of services and devices, and use standard Cat5, Ethernet and TCP/IP technologies. Broad networking support with User Station dual LAN ports and KX III dual LAN ports.
- **Leverage KX III for PC and Laptop Access.** In addition to User Station access, enjoy access to KXIII connected servers from any PC or Laptop on your network. Even from home over a VPN!
- **Fast Switching for DKX3-808.** The DKX3-808 model supports ultra-fast connections and sub-second switching between its connected servers.
- **Documentation and Online Help.** Available on raritan.com and via the User Station User Interface.

Dominion KX III User Station Documentation

The following user documentation is available for the Dominion KX III:

Dominion KX III User Station Guide – guide to the User Station's user and administrative features.

Dominion KX III User Station Quick Setup Guide – for the initial setup of the KX III User Station.

The Dominion KX III documentation is available from the Raritan.com website: www.raritan.com. Please go to the **Support** page, and then select **Dominion KX III** in the "Choose a Product" box. The User Station documentation is shown by release, so click on the appropriate release.

Dominion KX III Online Help

An **Online Help System** is available. On the User Station Desktop, click on **Main Menu > Help > User Manual** and the Online Help system will launch. You can browse to the appropriate topic via the Contents, Index and Search. The entire Dominion KX III User Station guide is available, including text and images, with an extensive set of links.

Online help is also available from raritan.com in the Support section for the Dominion KX III, as described above.

Release 1.0 Compatibility Information

1. Release 1.0 of the User Station is certified to work with the Dominion KX III switches when loaded with KX III Release 3.2 and above.
2. The User Station does not work with the previous Dominion KX, KX II or other Raritan IP switches.
3. The User Station does not yet integrate with Raritan's CommandCenter Secure Gateway, however it is possible to utilize CommandCenter to access equipment connected to KX III switches that are also accessed by the User Stations.

Release 1.0 Important Notes and Information

Please be aware of the following important information about the KX III User Station.

1. **Default Admin Password.** Raritan recommends changing the default password for security reasons.
2. **Two Types of User Credentials.** There are two types of user credentials (login/password) used by the User Station: (a) credentials to log into the User Station, and (b) credentials for the KX III switches to be accessed.

User Station credentials allow entry to the User Station and also determine the permissions for User Station administrative tasks. These credentials are created by the KX III User Station Administrator.

User credentials entered for KX III switches determine which servers connected to the KX III you can access, as well as the associated permissions such as virtual media and remote power control.
3. **User Credentials Per User.** KX III user credentials are saved on a *per-user* basis. To maintain security, each user must enter and save their own KX III user credentials for each KX III switch to be used.
4. **Single Login Limitation.** Do not enable the "Single Login Limitation" on a KX III switch if it is to be accessed by a User Station.
5. **User Blocking Feature.** If you enter incorrect user credentials for a KX III switch, and the "User Blocking" feature has been enabled, you will be automatically blocked by that switch because the User Station will try the connection multiple times. Contact the administrator of the KX III switch if this occurs.
6. **Don't Pull the Plug!** Do NOT turn off the User Station by pressing the Power button on the User Station or unplugging the power cord, because such operations could possibly corrupt the User Station database.
7. **Video Notes.** While there are three video ports on the User Station, only one or two monitors can be connected to the User Station. DisplayPort and HDMI transmit both video and audio signals. Your monitor must support the audio transmission if audio is wanted. Dual video ports configured on the KX III are not yet supported.
8. **Audio Notes.** If you do NOT select the "Auto Connect Audio" checkbox, you can manually establish the audio connection after accessing a KVM port. Currently, audio devices cannot be shared between KVM sessions. Disconnect the audio used on one KVM session to use it on another session.
9. **Networking Notes.** The User Station's default network configuration is set to Automatic (DHCP). If static addressing is wanted, then you must manually configure the network settings prior to adding KX III KVM switches. IPv6 is not supported for KX III access in this release. Do not change the default TCP/IP ports for HTTPS, Discovery and SSH on the KX III switch.
10. **Dual LAN Ports.** You can connect the two LAN ports of the User Station to the same or different subnets. If you have connected both LAN ports to the network(s) when turning on or restarting the User Station, the User Station selects one of the network connections as the default one. However, if you change the network settings of either or both connections, the "final" one that is changed will automatically become the default connection. Note: You can identify the default connection in the Connection Information dialog.
11. **Ctrl+Alt+Del.** If you physically press Ctrl+Alt+Del using the keyboard connected to the User Station, the command is first intercepted on the User Station, instead of sending the key sequence to the target server. To send to the target server, use the Ctrl+Alt+Del macro button on the KVM Client Window.

12. **Virtual Media.** It is highly recommended to first "safely remove" or "eject" the virtual media drive that you want to disconnect from the target server. If you have enabled the read/write mode, it may result in data loss if you do not perform this operation.
13. **SmartCard.** SmartCard authentication to target servers connected to a KX III is not yet supported.
14. **FIPS 140-2 Mode.** If FIPS mode is enabled on a KX III, then the user must have the Security Permission on that KX III to access servers on that KX III. This restriction will be removed in a future release.
15. **Software Downgrades.** The software update feature only permits software upgrade, not downgrade. If a software downgrade is required, please contact Raritan Technical Support. It is strongly recommended to back up all data prior to a software update. Do not power off the User Station during the software upgrade.
16. **Tiering.** The User Station does not currently support blade server or tiered ports on the KX III switch.
17. **Serial Ports and SD Card Reader.** These hardware ports on the User Station are currently not used.
18. **Online Help.** The three buttons for *email this page*, *send feedback* and *print this page* are for use on the Raritan website and do not operate on the User Station.

Firmware Upgrades

Raritan provides new firmware upgrade releases that contain software enhancements, new features, and improvements. These upgrades are available on the Raritan Website: www.raritan.com. Please go to the Support page and click on *Dominion KX III User Station* in the "Choose a Product" button. Locate the latest KX III User Station entry for the new firmware release. The new firmware should be downloaded to a FAT32 formatted USB flash drive, which will be used to upgrade the User Station.

Consult the KX III User Station User Guide and the Release Notes for firmware upgrade instructions.

Please read the Release Notes of the new firmware release before proceeding with the update.

If you have any questions, please contact Raritan Technical Support for assistance.

Dominion KX III User Station 1.0 Release Notes, Revision 1.0

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