

# DX User IP

## Quick Installation Guide



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## 1. System components

The DX User IP package consists of:

- DX User IP
- Cables
- Brackets to rack mount the DX User IP
- Marketing & Documentation CD

## 2. The DX User IP system configuration

Figure 1 illustrates the basic configuration of the DX system with the DX User IP.

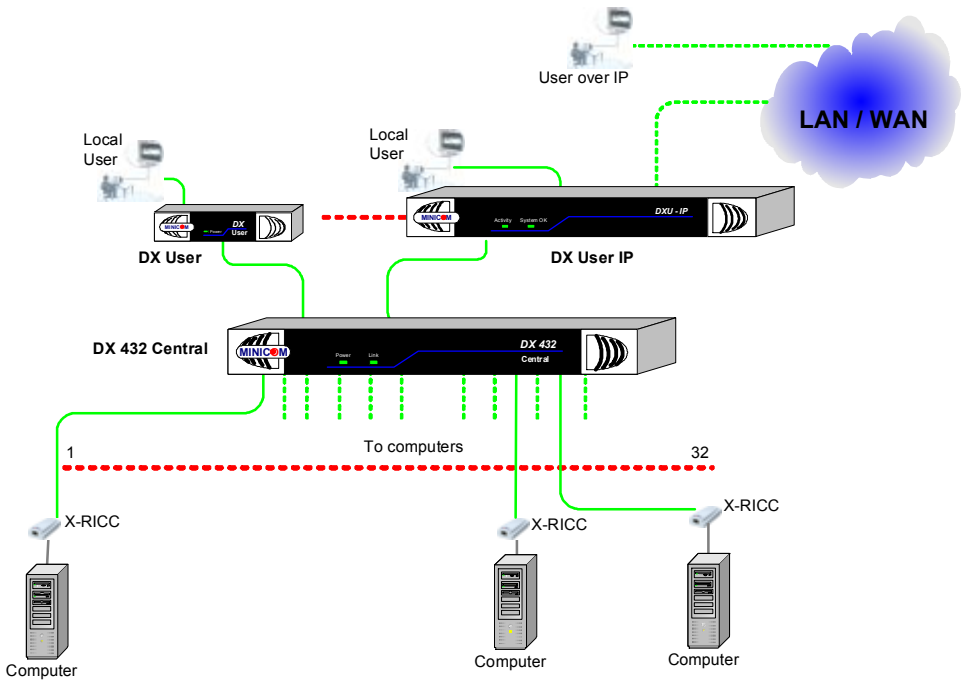
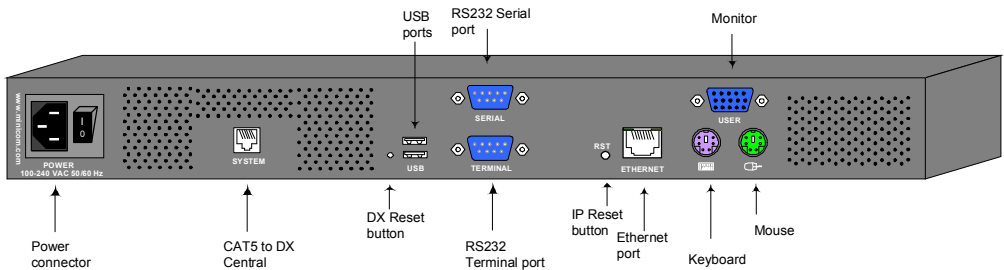


Figure 1 DX system configuration

### 3. The DX User IP

Figure 2 illustrates the rear panel of the DX User IP.



**Figure 2 DX User IP rear panel ports**

### 4. Pre-installation guidelines

- Switch off all computers
- Place cables away from fluorescent lights, air conditioners, and machines that are likely to generate electrical noise
- The maximum distance between each device (computer, KVM switch or second level DX Central) and the DX Central is 100m/330ft. The maximum distance between the DX Central and the DX User IP is also 100m/330ft

### Screen resolutions

All servers in the system must be set at a resolution of 1027x768 at 60Hz. Failure to do so will render the DX IP system inoperative.

### 5. Mouse synchronization limitations

The following will help ensure proper mouse synchronization between the host and client computers.

#### Vendor-specific Mouse drivers

Special vendor-specific Mouse drivers disrupt the synchronization process. Ensure these are not on the host system.

#### Accelerated mice

DX User IP does not work with accelerated mice. You must disable mouse acceleration on all computers connected to the system. How to do this is explained below for Windows 2000 Pro, 2000 Server, XP and 2003 Server.

## Windows 2000 Pro and 2000 Server

### Deactivate **Mouse Acceleration**.

To do so:

From the **Control Panel** select **Mouse**. Select the **Motion** tab.

The **Speed** section slider bar must be in the center, and the **Acceleration** section must be set to **None**. Click OK to save changes.

## Windows XP and 2003 Server

Deactivate **Enhanced pointer precision**. To do so:

From the **Control Panel** select **Printers and Other Hardware**. Click the **Mouse** icon. The Mouse Properties box appears. Select the **Pointer Options** tab.

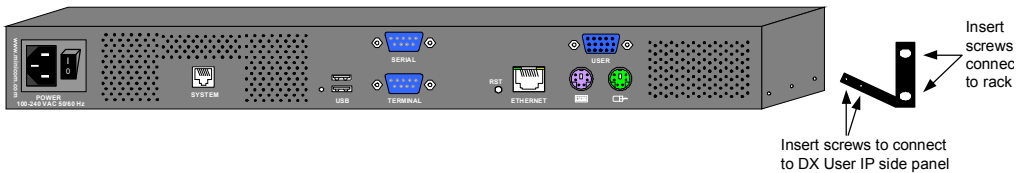
The **Motion** section slider bar must be in the center, and the **Enhanced pointer precision** box must be unchecked. Click OK to save changes.

### Disable Active Desktop

Disable Active Desktop, or do not use a plain background, use wallpaper.

## 6. Rack mounting the DX User IP

Use the L-shaped brackets and screws provided to mount the DX User IP on a server rack as illustrated below.



**Figure 3 Connecting the L-shaped brackets**

## 7. Connecting the DX system

Figure 4 below illustrates the connections of the DX User to the Smart IP Extender. See below for more details.

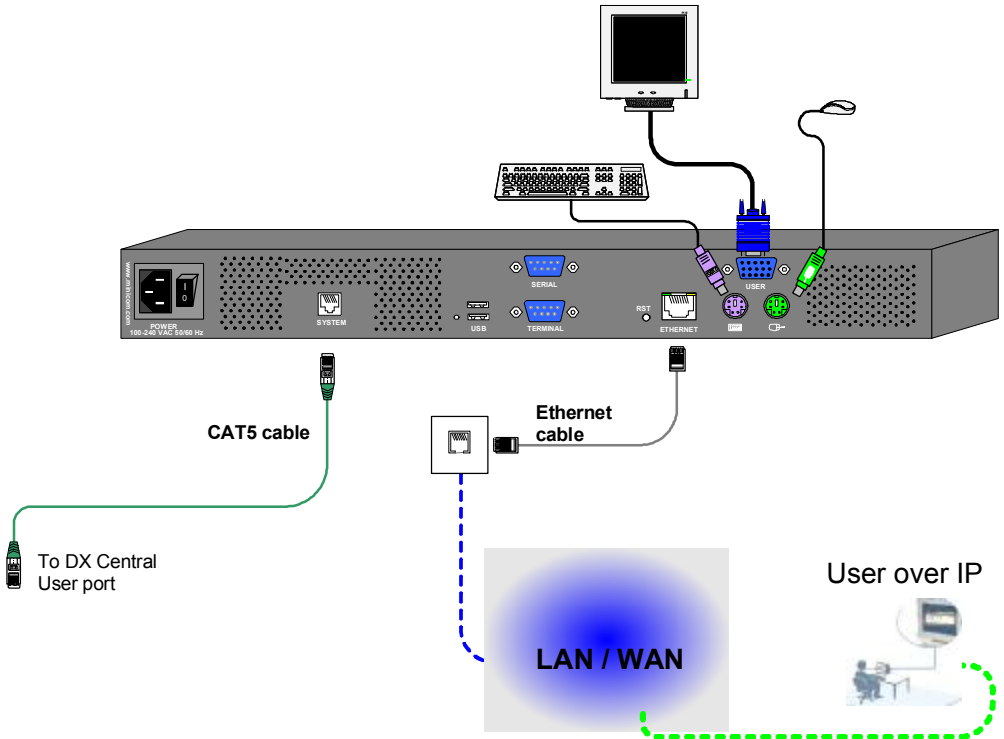


Figure 4 DX User IP connections

## 8. Connecting the DX User IP to the Wan/LAN

The Ethernet connector on the DX User IP can be used either for a 100 Mbps 100BASE-TX connection or for a 10 Mbps 10BASE-T connection. The adapter adjusts to the appropriate operation mode automatically.

To connect to a LAN/WAN, connect an Ethernet cable as illustrated in Figure 4.

## **9. Order of powering on**

Connect the DX units to the power supply using the Power cables provided.

The devices and servers can be powered on at any time. Power on the DX components in the following order:

1. The primary and secondary level DX Centrals.
2. The DX User and DX User IP units.

For further information on installing the DX system, see the softcopy User Guide on the Minicom Flash USB key.

## **10. Important operating information!**

### **Configuring the IP functionality**

See the DX User IP User Guide to configure the IP functionality.

### **Operating the DX system**

To operate the system, see the DX System User guide.

## User Guide Feedback

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