

## 1. System components

The DX system consists of:

- DX Central 432 (4 users) or 832 (8 users)
- DX Users
- X-Remote Interface Connection cables (XRICCs) – PS/2, SUN, USB, RS232
- Remote Interface Connection cables (RICCs) PS/2
- Cables - 3 in 1 CPU cable, RS232 Serial cable, Ethernet Crossover cable
- Rack mounts for the DX units and the XRICCs / RICCs
- Minicom Flash USB key – containing the User guide and Central unit firmware download program

## 2. DX system configuration

Figure 1 illustrates the basic configuration of the DX system. The figure shows DX Users and devices connected to a DX Central unit.

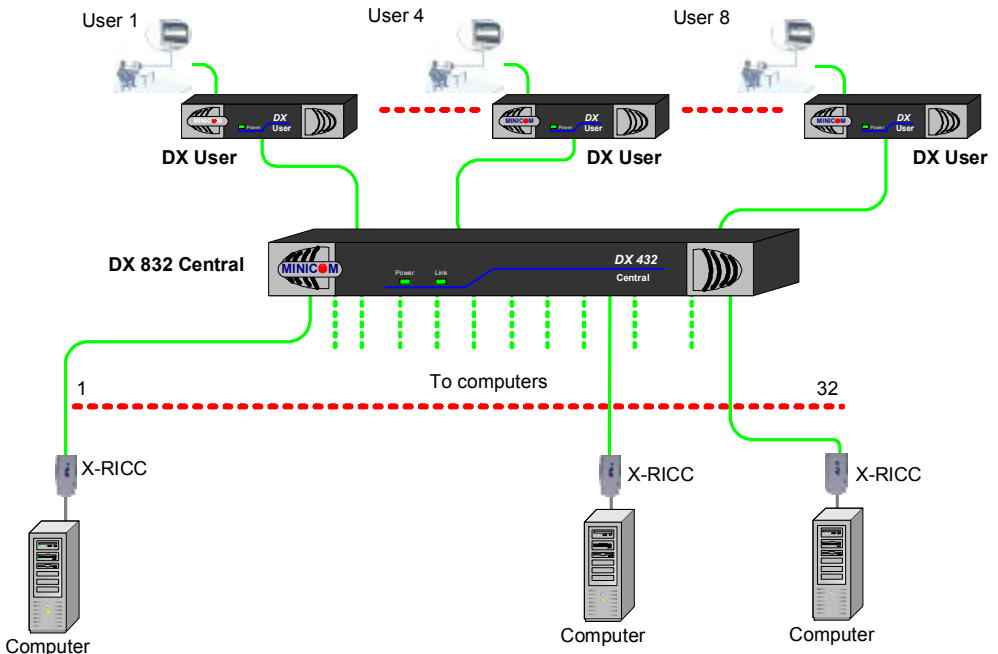


Figure 1 DX system configuration

### 3. The DX Central units

The figure below illustrates the rear panel of the DX 832 Central unit. The DX 432 Central model is the same but with only 4 User ports.

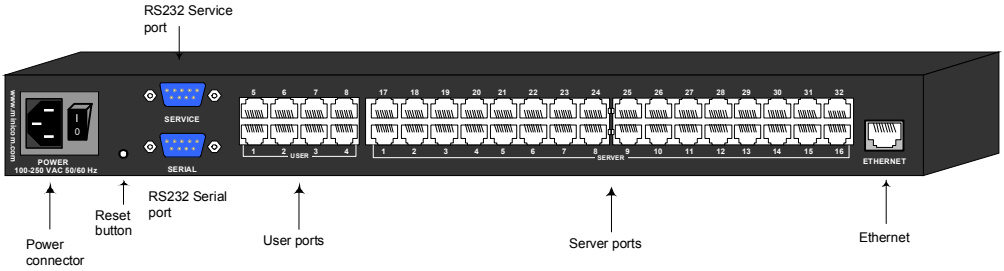


Figure 2 DX 832 Central unit rear panel

### 4. The DX User units

The figure below illustrates the rear panel of the DX User unit.

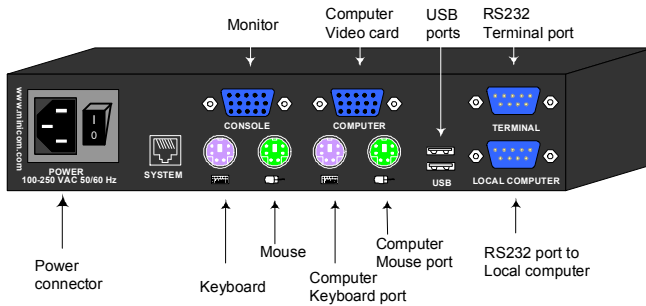


Figure 3 DX User rear panel ports

### 5. 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 switches or second level DX Central) and the DX Central, is 100m/330ft. The maximum distance between the DX Central and the DX User is also 100m/330ft.

### 6. Connecting the DX system

The following sections explain how to connect the DX User to the DX Central and the devices (computer, KVM switches or second level DX Central) to the DX Central.

## 7. Connecting the DX Users to the DX Central

Connect the DX Users to the DX Central as illustrated in Figure 4 below.

To connect the units:

1. Connect a KVM console to the DX User's Console keyboard monitor and mouse ports.
2. Connect a CAT5 cable to the DX User's System port and to one of the DX Central's User ports.

## 8. Connecting a local computer to the DX User

A user can work on the DX system just with a KVM console. There is the option to connect a computer to the DX User unit. A user can then work locally on this computer.

To connect a local computer:

Connect a computer to the DX User using the 3 in 1 CPU cable, see Figure 4.

1. Connect the connectors of one end of the 3 in 1 CPU cable to the KVM Computer ports of the DX User.
2. Connect the connectors of other end of the 3 in 1 CPU cable to the KVM ports of the computer.

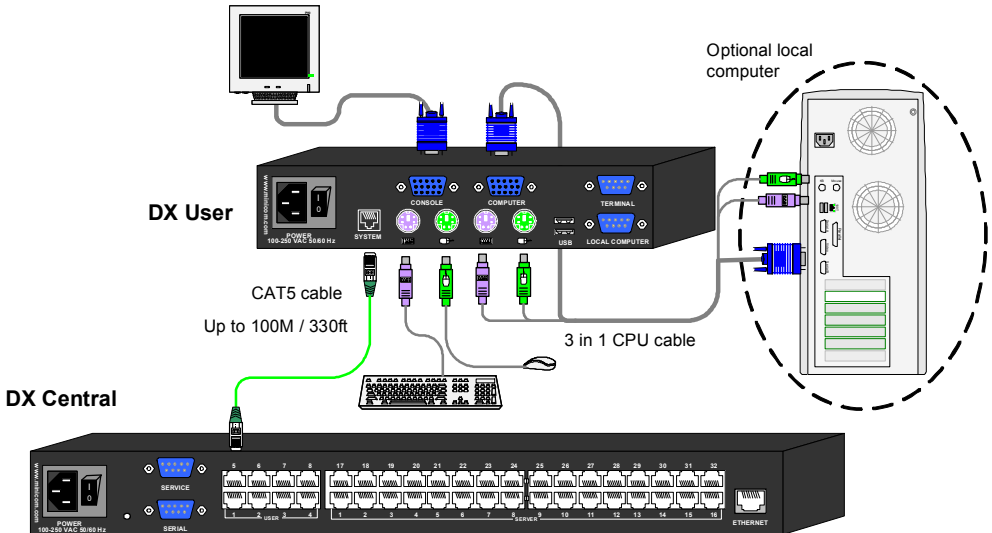


Figure 4 Connecting the DX Users to the DX Central

## 9. Connecting Computer/servers to the DX Central

You connect Computers/servers to the DX Central using CAT5 cable and the appropriate XRICC.

The XRICCs draw their power from the computer's keyboard port (XRICC PS/2, SUN) or from the USB port (XRICC USB). The XRICC RS232 gets its power from a USB dedicated Power adapter.

Figure 5 illustrates the DX system connections for a PS/2, SUN USB and RS232 computer/server.

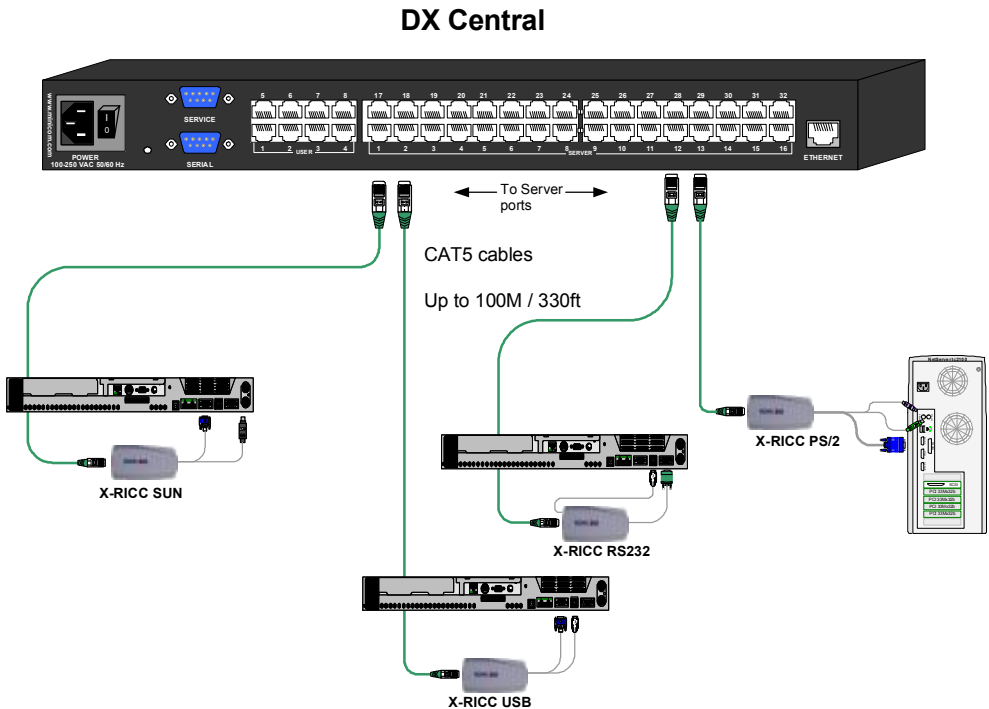


Figure 5 DX system connections

### Connecting a RICC or XRICC PS/2

Figure 6 illustrates the connections.

To connect the RICC or XRICC PS/2:

1. Connect the Screen connector to the computer's Video card.
2. Connect the Keyboard connector to the computer's Keyboard port.
3. Connect the Mouse connector to the computer's Mouse port.

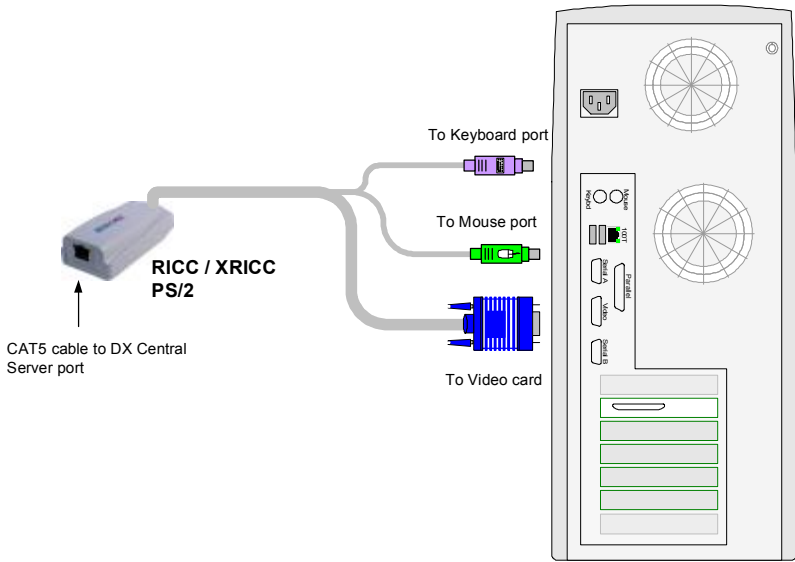


Figure 6 RICC / XRICC PS/2

### Connecting a XRICC SUN

Figure 7 illustrates the connections.

To connect the XRICC: SUN:

1. Connect the Screen connector to the server's Video card.
2. Connect the Keyboard connector to the server's Keyboard port.

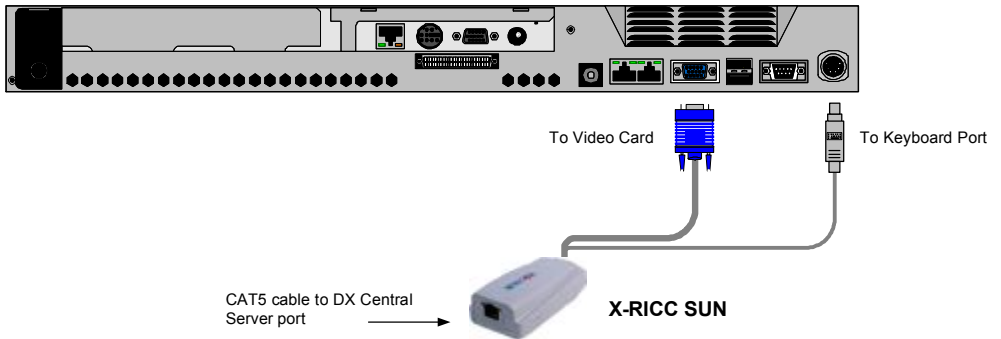


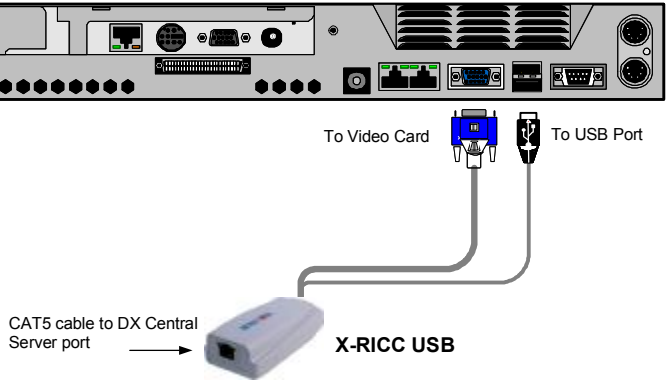
Figure 7 XRICC SUN

## Connecting a XRICC USB

The XRICC USB supports Windows 98 SE and later, MAC, SUN and SGI. Figure 8 illustrates the connections.

To connect the XRICC USB:

1. Connect the Screen connector to the server's Video card.
2. Connect the USB connector to the server's USB port.



**Figure 8 XRICC USB**

## Connecting a XRICC RS232

Figure 9 illustrates the connections.

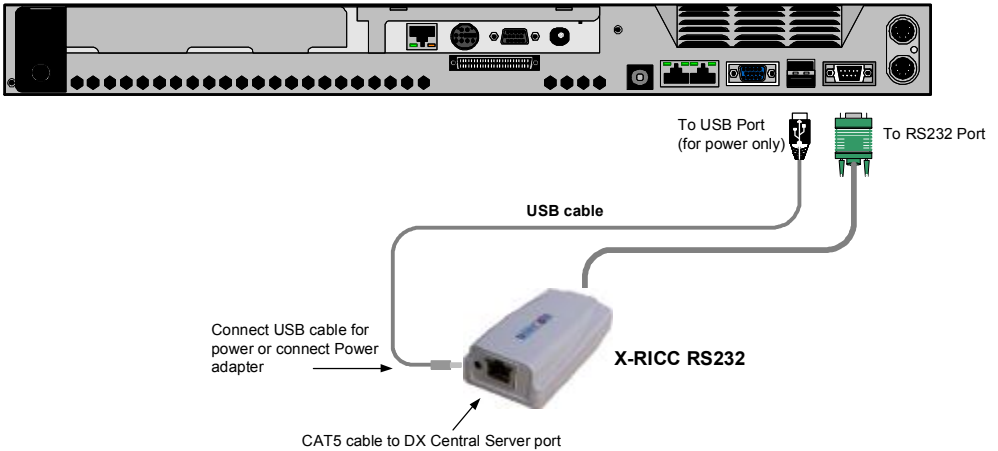
To connect the XRICC RS232:

1. Connect the RS232 connector to the server's RS232 port.
2. For power connect either:

A USB cable to the XRICC and the server's USB port.

Or

A Power adapter to the XRICC.



**Figure 9 XRICC RS232**

## Connecting the CAT5 cables

1. Connect one connector to the XRICCs RJ45 port.
2. Connect the other connector to one of the DX's Server ports.
3. Follow the above 2 steps for each computer/server.

## 10. 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 Users.

For further information on installing and operating the DX system, see the User guide. A softcopy is available on the Minicom Flash USB key.

## 11. User Guide Feedback

Your feedback is very important to help us improve our documentation. Please email any comments to: [ug.comments@minicom.com](mailto:ug.comments@minicom.com)

Please include the following information: Guide name, part number and version number (as appears on the front cover).