

# **USB 2.0 Docking Station**

*eStation 2000/eStation 3000*

**User Manual**

**Ver. 2.00**

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Respective owners.**

## ***Features***

- One USB Upstream Port Support Hi Speed(480Mbps)
- Three USB Downstream Ports<sup>❶</sup> /Two USB Downstream Ports<sup>❷</sup>
- One 10/100 Ethernet LAN port <sup>❷</sup>
- One PS/2 Keyboard Port
- One PS/2 Mouse Port
- One Serial Port
- One Printer Port
- One Audio out jack
- One MIC in jack
- One Power Jack – DC 5V Center Positive
- The Docking Station supports self power mode only
  - ❶ For eStation 2000 product
  - ❷ For eStation 3000 product

## ***Package Contents***

- 1 x USB 2.0 Docking Station
- 1 x Driver CD
- 1 x User's Manual
- 1 x DC 5V Power Adapter

## ***Optional Accessories***

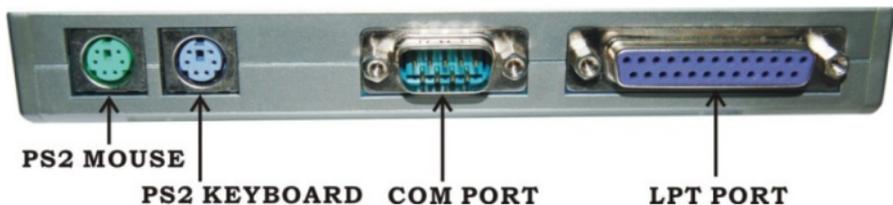
- Type-A to Type-B USB Cable

## ***System Requirements***

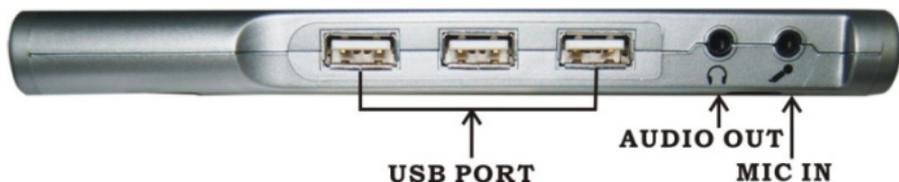
- Pentium-class computer with one available USB Port
- Windows® 2000, XP/2003 32/64bit, Vista 32/64bit

## ***Hardware Description***

***Figure 1. USB Port Replicator Ports (eStation 2000)***



**Figure 2. USB Port Replicator Ports (eStation 2000)**



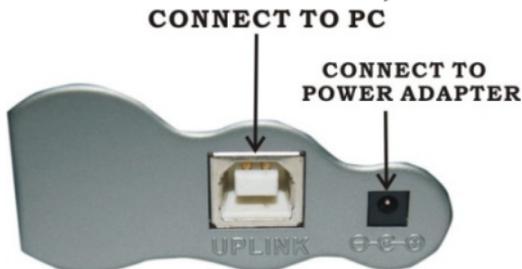
**Figure 3. USB Port Replicator Ports (eStation 3000)**



**Figure 4. USB Port Replicator Ports (eStation 3000)**



**Figure 5. Upstream Port and Power Connect  
(eStation 2000/eStation 3000)**



## ***Hardware Installation***

Once the AC to DC power adapter is plugged into the power port, the Power LED is lit orange.

1. Connect the power adapter and plug it into the back of the docking station.
2. Find an unused electrical outlet and plug it in the power adapter.
3. Plug the flat end (A plug) of the USB cable into a free USB port on your PC.
4. Plug the square end (B plug) of the USB cable into the USB upstream connector located on the back of the docking station.

5. At this point, Windows will automatically find the docking station and start installing its driver. Windows will prompt you for the software. See the next section for details on how to install the software.

## ***Software Installation***

***Note: Do not connect the USB 2.0 Docking Station to your computer's USB port until instructed to do so.***

### ***For Windows® 2000***

1. Insert the Driver CD into your CD-ROM drive.
2. Double-click the CD-ROM icon in My Computer to browse the contents in the Driver CD and located the “**DockStation\MCS7717**” folder, then double click setup icon.
3. Following setup window appears click “**Install**” button to install the drives.
4. After a few seconds, the installer should display “**Installation Successfully Completed! No need to restart your Computer. If the Device is currently connected, unplug and again plug it in!**”, click “**Exit**” to close the installer.

5. Browse the contents in the Driver CD and located the **“DockStation\MCS7830”** folder, then double click setup icon.
6. Following setup window appears click **“Install”** button to install the drives.
7. If Windows display a **“Digital Signature Not Found”** message. Select **“Yes”** to continue the driver installation procedure.
8. After a few seconds, the installer should display **“Installation Successfully Completed! No need to restart your Computer. If the Device is currently connected, unplug and again plug it in!”**, click **“Exit”** to close the installer.
9. Now connect the USB 2.0 Docking Station to your computer’s Hi-Speed USB 2.0 port.
10. Windows should detect the new USB device, and automatically install the drivers for the new hardware connected.
11. If **“Digital Signature Not Found”** message displayed. Click **“Yes”** to continue.
12. When Windows desktop is displayed, the Driver installation is complete.

## *Verifying Proper Installation*

*Note: Because the docking station is USB 2.0, the hub driver is based on the host device. The device name may vary on your host device driver.*

1. Right-click the **“My Computer”** icon which is found on your Windows desktop.
2. Select **“Properties”**, then click the **“Hardware”** tab.
3. Select **“Device Manager”**.
4. Click the (+) sign next to **“Human Interface Devices”**.
5. The ports list will open, and you should find an entry in the list for **“HID-compliant consumer control device”** and an entry for **“USB Human Interface Device”**.
6. Click the (+) sign next to **“Network adapters”**. The Network Adapters list will open and you should find an entry for **“HighSpeed USB-Ethernet Adapter”**.
7. Click the (+) sign next to **“Ports (COM&LPT)”**.
8. The ports list will open, and you should find an entry in the list for **“USB Serial Port (COM X)”** and an entry for **“USB Parallel Port (LPT X)”**, where X represents the next available Com port or LPT port on your computer (typically COM 1/ COM

2 or LPT 1)

9. Click the (+) sign next to **“Sound, video and game controllers”**.
10. The ports list will open, and you should find an entry in the list for **“USB Audio Device”**.
11. Click the (+) sign next to **“Universal Serial Bus Controllers”**.
12. The USB Serial Bus Controllers will open, and you should find two entries in the list for **“Generic USB Hub”**, an entry for **“USB Composite Device”**, and an entry for **“USB Compound Device”**.

*Important Note: You may find two “Universal Serial Bus Controller” entries in the Device Manager list. If so, you will need to search both lists to locate all Docking Station entry listings.*

### ***For Windows® XP***

1. Insert the Driver CD into your CD-ROM drive.
2. Double-click the CD-ROM icon in My Computer to browse the contents in the Driver CD and locate the **“DockStation\MCS7717”** folder, then double click setup icon.
3. Following setup window appears click **“Install”** button to install

the drives.

4. Windows will start installing the Drivers, but will stop with a Dialog Box starting that the software has not passed Windows Logo testing, click **“Continue Anyway”** to continue the procedure.
5. Windows will display a Windows Logo warning message again, select **“Continue Anyway”**.
6. After a few seconds, the installer should display **“Installation Successfully Completed! No need to restart your Computer. If the Device is currently connected, unplug and again plug it in!”**, click **“Exit”** to close the installer.
7. Browse the contents in the Driver CD and located the **“DockStation\MCS7830”** folder, then double click setup icon.
8. Following setup window appears click **“Install”** button to install the drives.
9. Windows will display a Windows Logo warning message, select **“Continue Anyway”**.
10. After a few seconds, the installer should display **“Installation Successfully Completed! No need to restart your Computer. If the Device is currently connected, unplug and again plug it**

**in!**”, click **“Exit”** to close the installer.

11. Now connect the USB 2.0 Docking Station to your computer’s Hi-Speed USB 2.0 port.
12. The Windows XP system will suggest you to search drivers via Windows Update. Please select **“No, not this time”** and click **“Next”** to continue.
13. The **“Found New Hardware Wizard”** will now detect the **“HighSpeed USB-Ethernet Adapter”**. Select **“Install the software automatically(Recommended)”**, and then click **“Next”**.
14. Click **“Continue Anyway”** to continue the installation when **“Hardware Installation”** message pops up.
15. Click **“Finish”** when Windows says it has finished installation the Drivers.
16. The **“Found New Hardware Wizard”** will reappear, The Windows XP system will suggest you to search drivers via Windows Update. Please select **“No, not this time”** and click **“Next”** to continue.
17. The **“Found New Hardware Wizard”** will now detect the **“USB Compound Device”**. Select **“Install the software**

**automatically (Recommended)**”, and then click **“Next”**.

18. Click **“Continue Anyway”** to continue the installation when **“Hardware Installation”** message pops up.
19. Click **“Finish”** when Windows says it has finished installation the Drivers.
20. The **“Found New Hardware Wizard”** will reappear, This time ready to install the Serial Port. The Windows XP system will suggest you to search drivers via Windows Update. Please select **“No, not this time”** and click **“Next”** to continue.
21. The **“Found New Hardware Wizard”** will now detect the **“USB Serial Port”**. Select **“Install the software automatically (Recommended)”**, and then click **“Next”**.
22. Click **“Continue Anyway”** to continue the installation when **“Hardware Installation”** message pops up.
23. Click **“Finish”** when Windows says it has finished installation the Drivers.
24. The **“Found New Hardware Wizard”** will reappear, This time ready to install the Parallel Port. The Windows XP system will suggest you to search drivers via Windows Update. Please select **“No, not this time”** and click **“Next”** to continue.

25. The “**Found New Hardware Wizard**” will now detect the “**USB Parallel Port**”. Select “**Install the software automatically(Recommended)**”, and then click “**Next**”.
26. Click “**Continue Anyway**” to continue the installation when “**Hardware Installation**” message pops up.
27. Click “**Finish**” when Windows says it has finished installation the Drivers.
28. When the Windows desktop is displayed, the Driver installation is complete.

## ***Verifying Proper Installation***

*Note: Because the docking station is USB 2.0, the hub driver is based on the host device. The device name may vary on your host device driver.*

1. Right-click the “**My Computer**” icon which is found on your Windows desktop.
2. Select “**Properties**”, then click the “**Hardware**” tab.
3. Select “**Device Manager**”.
4. Click the (+) sign next to “**Human Interface Devices**”.
5. The ports list will open, and you should find an entry in the list

- for **“HID-compliant consumer control device”** and an entry for **“USB Human Interface Device”**.
6. Click the (+) sign next to **“Network adapters”**. The Network Adapters list will open and you should find an entry for **“HighSpeed USB-Ethernet Adapter”**.
  7. Click the (+) sign next to **“Ports (COM&LPT)”**.
  8. The ports list will open, and you should find an entry in the list for **“USB Serial Port (COM X)”** and an entry for **“USB Parallel Port (LPT X)”**, where X represents the next available Com port or LPT port on your computer (typically COM 1/ COM 2 or LPT 1)
  9. Click the (+) sign next to **“Sound, video and game controllers”**.
  10. The ports list will open, and you should find an entry in the list for **“USB Audio Device”**.
  11. Click the (+) sign next to **“Universal Serial Bus controllers”**.
  12. The USB Serial Bus Controllers will open, and you should find two entries in the list for **“Generic USB Hub”**, an entry for **“USB Composite Device”**, and an entry for **“USB Compound Device”**.

***Important Note: You may find two “Universal Serial Bus Controller” entries in the Device Manager list. If so, you will need to search both lists to locate all Docking Station entry listings.***

### ***For Windows® Vista***

1. Insert the Driver CD into your CD-ROM drive.
2. Double-click the CD-ROM icon in My Computer to browse the contents in the Driver CD and located the “**DockStation\MCS7717\Vista32**” folder, then double click setup icon.
3. Following setup window appears click “**Install**” button to install the drives.
4. If the system prompts the user informing the drivers are not signed, select the option **Install this driver software anyway**.
5. After a few second, the installer should display “**Installation Successfully Completed! No need to restart your Computer. If the Device is currently connected, unplug and again plug it in!**”, click “**Exit**” to close the installer.
6. Browse the contents in the Driver CD and located the “**DockStation\MCS7830\Vista32**” folder, then double click

- setup icon.
7. Following setup window appears click **“Install”** button to install the drives.
  8. If the system prompts the user informing the drivers are not signed, select the option **Install this driver software anyway**.
  9. After a few second, the installer should display **“Installation Completed!”**, click **“Exit”** to close the installer.
  10. Now connect the USB 2.0 Docking Station to your computer’s Hi-Speed USB 2.0 port.
  11. Windows should detect the new USB device, and automatically install the drivers for the new hardware connected.
  12. When Windows desktop is displayed, the driver installation is complete

## ***Verifying Proper Installation***

*Note: Because the docking station is USB 2.0, the hub driver is based on the host device. The device name may vary on your host device driver.*

1. Right-click the **“My Computer”** icon which is found on your Windows desktop.

2. Select **“Properties”**, then click the **“Hardware”** tab.
3. Select **“Device Manager”**.
4. Click the (+) sign next to **“Human Interface Devices”**.
5. The ports list will open, and you should find an entry in the list for **“HID-compliant consumer control device”** and an entry for **“USB Human Interface Device”**.
6. Click the (+) sign next to **“Network adapters”**. The Network Adapters list will open and you should find an entry for **“HighSpeed USB-Ethernet Adapter”**.
7. Click the (+) sign next to **“Ports (COM&LPT)”**.
8. The ports list will open, and you should find an entry in the list for **“USB-to-Serial Port Driver (COM X)”** and an entry for **“USB-to-Parallel Port Driver (LPT X)”**, where X represents the next available Com port or LPT port on your computer (typically COM 1/ COM 2 or LPT 1)
9. Click the (+) sign next to **“Sound, video and game controllers”**.
10. The ports list will open, and you should find an entry in the list for **“C-Media USB Headphone Set”**.
11. Click the (+) sign next to **“Universal Serial Bus controllers”**.

12. The USB Serial Bus Controllers will open, and you should find two entries in the list for “**Generic USB Hub**”, an entry for “**USB Composite Device**”, and an entry for “**USB Compound Device**”.