



TrazerMan
Desktop Software
Operation Manual
Cardiovascular Systems
Part Number LT-19710-4 Rev A

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10 Trotter Drive Medway, MA 02053 • 800-766-3211 • 508-533-4300 • FAX 508-533-5183

www.cybexinternational.com • techhelp@cybexintl.com • techpubs@cybexintl.com • LT-19710-4 • Rev A • June 2006

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1 - Installation

PC Specifications

Minimum PC specifications:

Operating System: Windows 2000, or Windows XP (Windows XP recommended)

256 megabytes (MB) of RAM or higher

100 megabytes (MB) of available hard disk space

16 Bit Super VGA (800 x 600) or higher-resolution video adapter and monitor

Available USB port for data stick (USB 2.0 recommended)

CD-ROM or DVD drive

Keyboard and Microsoft Mouse or compatible pointing device

Software Installation

Installing TrazerMan Software

1. Install CD into the CD drive of your PC.
2. Using Windows Explorer locate the CD.
3. Locate the file named *TrazerMan-Setup-1.0.XX.exe*. (versions will vary)
4. Double Click this file to launch the install program.
5. Click *Next* to continue.
6. Select *I accept the agreement* and then click *Next*.
7. For User Information enter your *User Name*, *Organization* and *Serial Number* and then press *Next*.
NOTE: The serial number is located on the back of the Trazer unit in the lower left corner (while viewing from the back). If you have several units use the serial number of the first Trazer unit. See Figure 1 in Chapter 4.
8. Confirm your information then click *Install*.
9. Select *Create a desktop icon* and/or a *Create a Quick Launch icon*. Click *Next*.
10. Confirm your information then click *Install*.
11. Click *Finish* to exit setup.
12. Remove the CD from the PC and store in a safe place.

NOTE: See Using TrazerMan in Chapter 3 for launching the Trazerman software.

Set Date and Time

The date and time need to be synchronized between the PC and the Trazer unit. If the date and time are not synchronized the database will not be updated correctly. Perform this procedure for any PC's that will be running the TrazerMan software and all Trazers in the facility.

Setting the date and time on your PC

1. Using your mouse move your cursor to the lower right of your desktop.
2. Right click the time that is displayed in the lower right corner.
3. From the menu select *Adjust Date/Time*. See Figure 1.
4. Click the *Time Zone* tab.
5. Select your *Time Zone* from the drop down menu. Click the *Apply* button.
6. Click the *Date & Time* tab.
7. On the left side of the screen select the current *Month, Year* and *Date*. Click the *Apply* button.
8. On the right side of the screen adjust the clock to the current time. Click the *Apply* button.
9. Click the OK button.

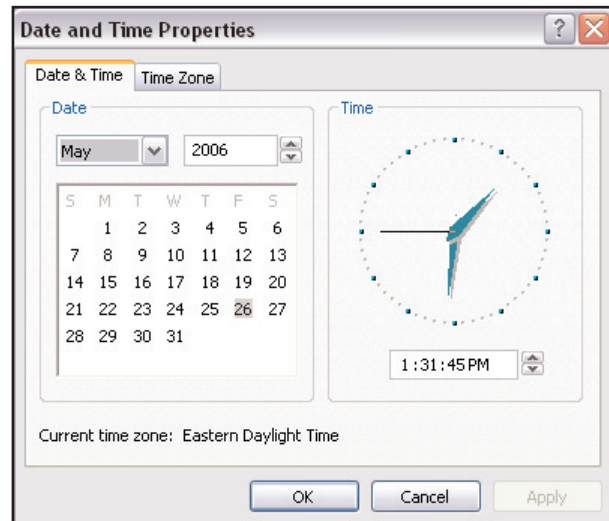


Figure 1

Setting the date and time on your Trazer

1. With the Trazer on and in the dormant mode press and hold down the *Alt* key and then press the *Tab* key. Release both keys.
2. Using the touchpad move your cursor to the lower right of your desktop until you see the time displayed.
3. Using the left button below the touchpad double click the time that is displayed in the lower right corner.
4. From the menu select *Adjust Date/Time*. See Figure 1.
5. Click the *Time Zone* tab.
6. Select your *Time Zone* from the drop down menu. Click the *Apply* button.
7. Click the *Date & Time* tab.
8. On the left side of the screen select the current *Month, Year* and *Date*. Click the *Apply* button.
9. On the right side of the screen adjust the clock to the current time. Click the *Apply* button.
10. Click the OK button.

2 - Using The USB Memory Stick

Backup/Restore

The Trazer database can be transferred between your Trazer and your desktop PC. This is useful for viewing and printing reports, adding clients, deleting clients and backing up your database.

It is important that you understand the difference between **Backup** and **Restore**.

!WARNING! *It is possible to overwrite and lose your database if you do not follow the proper procedures!*

Backup - When you perform a *Backup* procedure you are transferring data from the Trazer or PC to the USB Memory Stick. See Figure 1. See *Using TrazerMan* in Chapter 3.

Restore - When you perform a *Restore* procedure you are transferring data from the USB Memory Stick to the Trazer or PC. A restore on the PC will merge the two databases, the one from the Trazer and the other from new clients added to the PC database. See Figure 2. See *Using TrazerMan* in Chapter 3.

NOTE: *When you Backup or Restore you will see a window “Backup in progress” or “Restore in progress”. Once the window closes the Backup/Restore procedure is complete.*

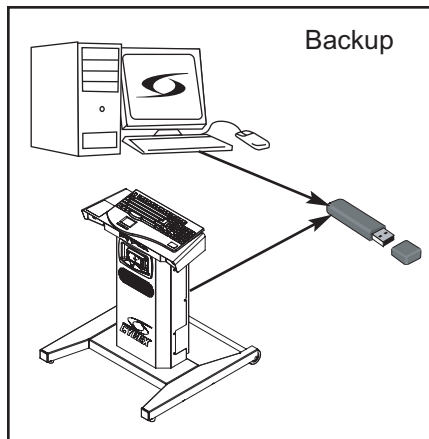


Figure 1

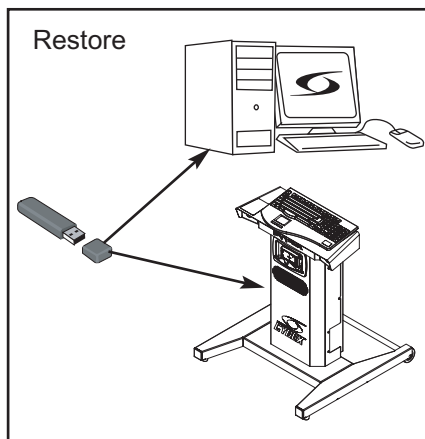


Figure 2

Update Procedure

The following procedure describes how to update the database between the Trazer and your PC.

Single Trazer Unit

1. Insert the USB Memory Stick into the Trazer and *Backup* the database. See Figure 3. See *Using TrazerMan* in Chapter 3.

NOTE: *At the end of the Backup process the message “Backup Successful” will be displayed. If you receive a “Backup Failed” message try again then see USB Errors section in this Chapter.*

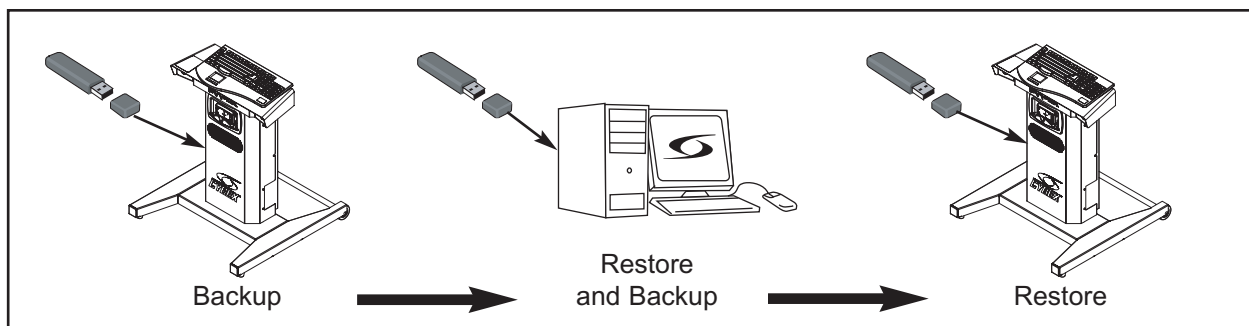


Figure 3

2. Remove the USB Memory Stick from the Trazer unit and plug the USB Memory Stick into your PC.
3. Enter new clients into the PC database and then *Restore*.

NOTE: When you *Restore* you will see a window “Restore in Progress”. Once the window closes the *Restore* procedure is complete.

4. Once *Restore* is complete perform a *Backup* on the same USB Memory Stick.
5. Remove the USB Memory Stick from the PC.
6. Insert the USB Memory Stick into the Trazer and then *Restore*.

NOTE: At the end of the *Restore* process the message “Restore Successful” will be displayed. If you receive a “Restore Failed” message try again then see *USB Errors* section in this Chapter.

7. Update complete.

Multiple Trazer Units

You will need to have a USB Memory Stick for each Trazer unit. Label the USB Memory Sticks accordingly. You should also purchase an additional USB Memory Stick to be used as a master. The master USB Memory Stick should be at least 128 MB in size and USB 2.0 compatible.

1. Insert the USB Memory Stick #1 into Trazer #1 and *Backup* the database. See Figure 4. See *Using TrazerMan* in Chapter 3.

NOTE: At the end of the *Backup* process the message “Backup Successful” will be displayed. If you receive a “Backup Failed” message try again then see *USB Errors* section in this Chapter.

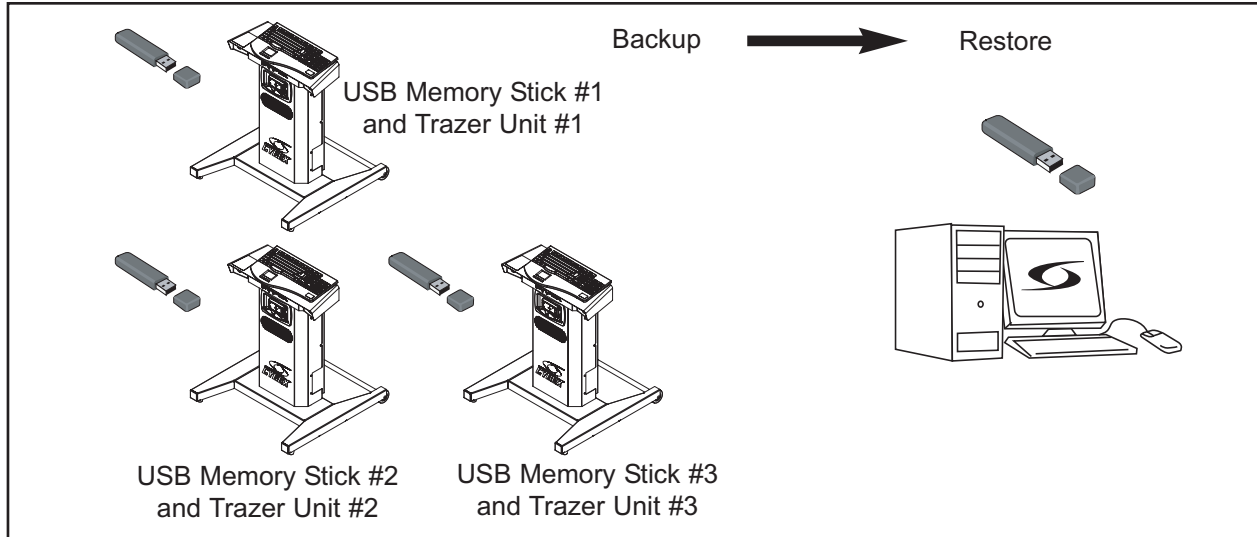


Figure 4

2. Remove USB Memory Stick #1 from Trazer #1 and set aside.
3. Repeat steps 1 and 2 for all Trazer Units
4. Enter new clients into the PC database and then *Restore*.

NOTE: When you *Restore* you will see a window "Restore in Progress". Once the window closes the *Restore* procedure is complete.

5. Insert USB Memory Stick #1 into the PC and then *Restore*.
6. Remove USB Memory Stick #1 and then perform the *Restore* process with each of the remaining USB Memory Sticks.
7. Insert the Master USB Memory Stick into the PC and then *Backup*. See Figure 5.

NOTE: When you *Backup* you will see a window "Backup in Progress". Once the window closes the *Backup* procedure is complete.

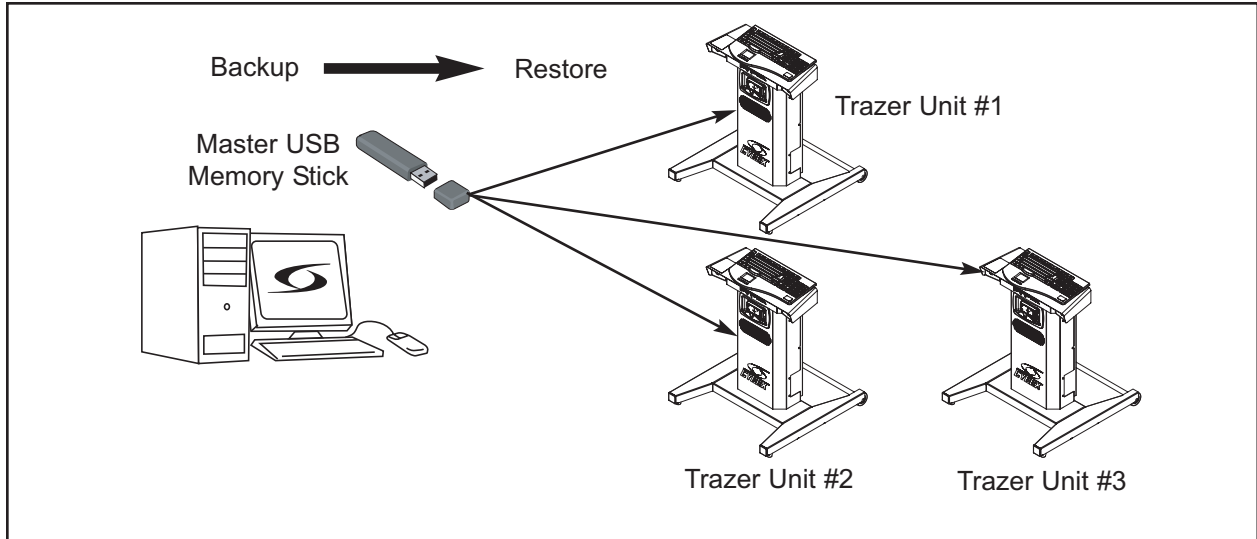


Figure 5

8. Remove the master USB Memory Stick and insert into Trazer #1 and then *Restore*. See Figure 5.

NOTE: At the end of the *Restore* process the message “Restore Successful” will be displayed. If you receive a “Restore Failed” message try again then see *USB Errors* section in this Chapter.

9. Repeat step 8 for the remaining Trazer units.

10. Update complete.

USB Errors

Follow the procedures below if you receive an error:

Failure message

1. The USB Memory Stick may be full. Remove older files or reformat
2. The USB Memory Stick may be bad. Try using another USB Memory Stick.
3. There may be a problem with the Trazer unit. See *Contacting Service* in Chapter 4.

“*Windows – No Disk*”, “*There is no disk in the drive. Please insert a disk into the drive.*”

1. Press **Cancel** then **Select Drive**.
2. Click on the drive where the USB Memory Stick is located and then select **Choose**.

3 - Operation

The Trazer Desktop Software is designed to manage your clients data from a desktop PC. You are able to Add, Edit and Delete clients, Backup and Restore the database, review clients progress and print detailed reports. Data is transferred between desktop and Trazer via the supplied USB Memory Stick.

Using TrazerMan

1. Locate the TrazerMan shortcut, on your desktop. Double-click the icon to start Trazer Manager. If a Quick Launch icon was created on the start menu you can launch TrazerMan by selecting that icon.
2. Wait for the TrazerMan screen to load.
3. From the main menu screen you have the following options: (See Figure 1.)

NOTE: Use the scroll bar to the right of the client list or activity to navigate long lists. The up and down arrow keys on the keyboard may also be used to navigate.

Add Client - Create a new client. See *Add Client* in this chapter to add client to Trazer.

Edit Client - Edit a current users information.

Delete - Remove client from database. See *Delete* in this chapter to delete client from Trazer.

Reports - View data on existing clients that have performed at least one activity.

Quit - This will close the TrazerMan program. You can also press the **ESC** key from the main menu.

Select Drive - Choose the drive location of the USB Memory Stick.

Backup - The *Backup* procedure will transfer data from the PC to the USB Memory Stick.

Restore - The *Restore* procedure will transfer data from the USB Memory Stick to the PC.

Sort by: - Select how the list of clients names are sorted.

NOTE: The list displays User name and member ID.



Figure 1

Add Client

This procedure will add a new client to the PC database.

1. From the main menu click the **Add Client** icon.
2. Enter clients *First name*, *Middle initial* and *Last name*. Press the **TAB** key to enter the next field. See Figure 2.

The screenshot shows a window titled 'TrazerMan' with a form titled 'Add a Client'. The form has the following fields and controls:

- First Name: [Text input field]
- Middle Initial: [Text input field]
- Last Name: [Text input field]
- Weight: [Text input field] lbs.
- Height: [Text input field] in.
- Leg Length: [Text input field] in.
- Birth Month Day Year: [Text input field] MM DD YYYY
- Maximum Heart Rate: [Text input field] bpm
- Resting Heart Rate: [Text input field] bpm
- Gender: Male Female
- PIN / Password: [Text input field]
- Member ID: [Text input field]

At the bottom of the form are two buttons: 'OK' (with a green checkmark icon) and 'BACK' (with a red arrow icon).

Figure 2

3. Enter the clients *Birth Month*, *Day* and *Year*. Use two digits for *Day* and *Month*, use four digits for *Year*, Example: 01 09 1968. **NOTE:** The *Maximum Heart Rate* value will be incorrect if the birth date is entered incorrectly.

NOTE: When entering *Weight*, *Height* and *Leg length* use English units (*Pounds* and *Inches*).

4. Enter *Weight*, *Height* and *Leg Length* (*Leg Length* is measured from floor to center of hip). **NOTE:** *Leg Length* is optional.

5. Enter *Resting Heart Rate*.

6. Enter *Pin/Password*. Use 3 or more characters. **NOTE:** *Pin/Password* is case sensitive.

NOTE: The same *Pin/Password* can be used for multiple clients. You may want to setup all children's passwords as ABC or 123.

7. Select *Gender*.

8. Click the **OK** button and client will be entered in system. **NOTE:** *Member ID* will be generated by TrazerMan.

9. See *Update Procedure in Chapter 2* to transfer new client(s) to the Trazer.

Edit Client

This procedure will edit a client in the PC database.

1. From the main menu click the **Edit Client** icon.
2. Click on any of the fields to edit and use the **Backspace** key to remove current information. See Figure 2.
3. When editing clients Birth *Month, Day* and *Year*, Use two digits for *Day* and *Month*, use four digits for *Year*, Example: 01 09 1968. **NOTE:** *The Maximum Heart Rate value will be incorrect if the birth date is entered incorrectly.*

NOTE: *When editing Weight, Height and Leg length use English units (Pounds and Inches).*

NOTE: *You cannot edit the Maximum Heart Rate or Member ID fields.*

4. Click the **OK** button to update the client.
5. See *Update Procedure in Chapter 2* to transfer new client(s) to the Trazer.

Delete

This procedure will delete a client from the PC database.

1. From the main menu click the client you would like to remove.
2. From the main menu click the **Delete** icon.
3. The client list will update automatically.

NOTE: *You can only delete one client at a time.*

4. See *Update Procedure in Chapter 2* to transfer new client(s) to the Trazer.

Reports

This procedure will explain the reports available when logged in as an administrator. See *Administration Log In*.

NOTE: *Reports are only available for existing clients that have performed at least one activity.*

1. From the main menu select the client whose reports you would like to view. **NOTE:** *If the client has completed at least one activity the **Reports** icon will be active.*
2. From the main menu click the *Reports* icon. The first column will display the activities the client has performed. See Figure 3.
3. Select an activity in the left column. The start date column will display the dates and times of when that activity was performed.



Figure 3

Score Card

The Score Card is automatically displayed at the end of all *Performance Training Games*. The Score Card is also automatically displayed for all *Drill* and *Testing* activities unless "Show reports and save data" is selected on the set up options screen. In this case, the more detailed *Performance Analysis Report* will be displayed after the activity is completed. See *Performance Analysis Report* section.

NOTE: Data cannot be saved unless a client logs in before starting an activity.

Score Card data can be accessed when logged in an administrator, or by using the TrazerMan PC program which allows you to transfer the TRAZER database and administrative functions to a PC. This allows you to create a Progress Report for Score Card data saved from previously performed activities.

To view the *Score Card* for the selected activity select the date/time and click the **OK** button. To print the *Score Card* click on the **Print** icon in the lower left corner. To return to reports page click on the **Back** icon in the lower right corner. See Figure 4.



Figure 4

Performance Analysis

The Performance Analysis Report is automatically displayed at the end of all Drill and Testing activities if "Show reports and save data" is selected on the set up options screen. If "Show reports and save data" is not selected on the set up options screen for a drill, only the Score Card will be displayed.

NOTE: Data cannot be saved unless a client logs in before starting an activity.

Performance Analysis data can be accessed when logged in as an administrator, or by using the TrazerMan PC program which allows you to transfer the TRAZER database and administrative functions to a PC. This allows you to create a Progress Report for Score Card data saved from previously performed activities.

To view the Performance Analysis for the selected activity select the date/time and click the **OK** button. To print the Performance Analysis click on the **Print** icon in the lower left corner. To return to reports page click on the **Back** icon in the lower right corner. See Figure 5.

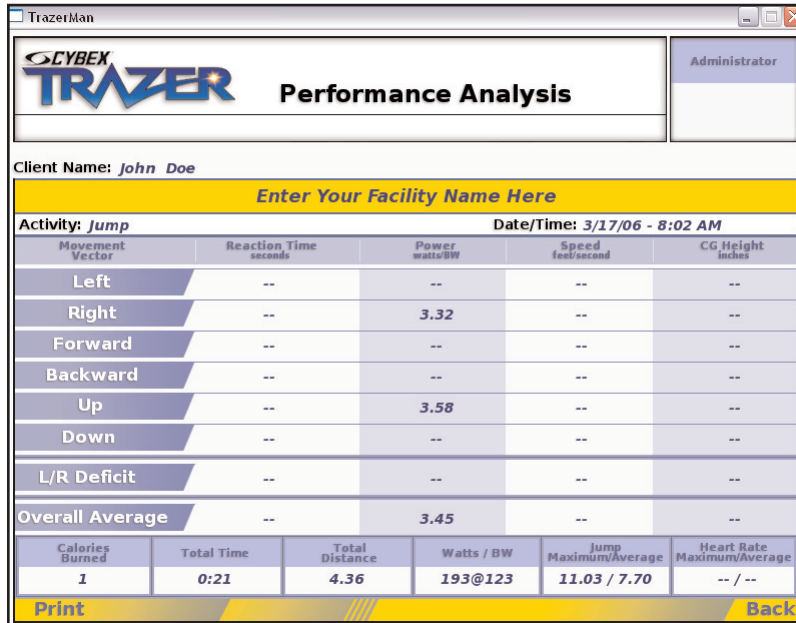


Figure 5

Generate Progress Report

After you have selected a client and clicked the Reports button, select **Generate Progress Report** at the bottom of the page. Click on an activity that has been performed on more than one date. Select a date and time in the second column. Select a different date and time in the third column and click the **OK** button. **NOTE:** Do not select the same date and time between the second and third columns, the progress report needs to look at data from different sessions. See Figure 6.



Figure 6

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4 - Customer Service

Contacting Service

Hours of phone service are Monday through Friday from 8:30 a.m. to 6:00 p.m. Eastern Standard Time.

For Cybox customers living in the USA, contact Cybox Customer Service at **800-766-3211**.

For Cybox customers living outside the USA, contact Cybox Customer Service at **508-533-4300** or fax **508-533-5183**.

Order parts and find information on the web at www.cyboxinternational.com or by e-mail at techhelp@cyboxintl.com.

Serial Number

Your serial number can be found on the back of the unit, See Figure 1.

For your convenience record your serial number below so that you will have it ready if you call Cybox Customer Service.

Serial Number _____

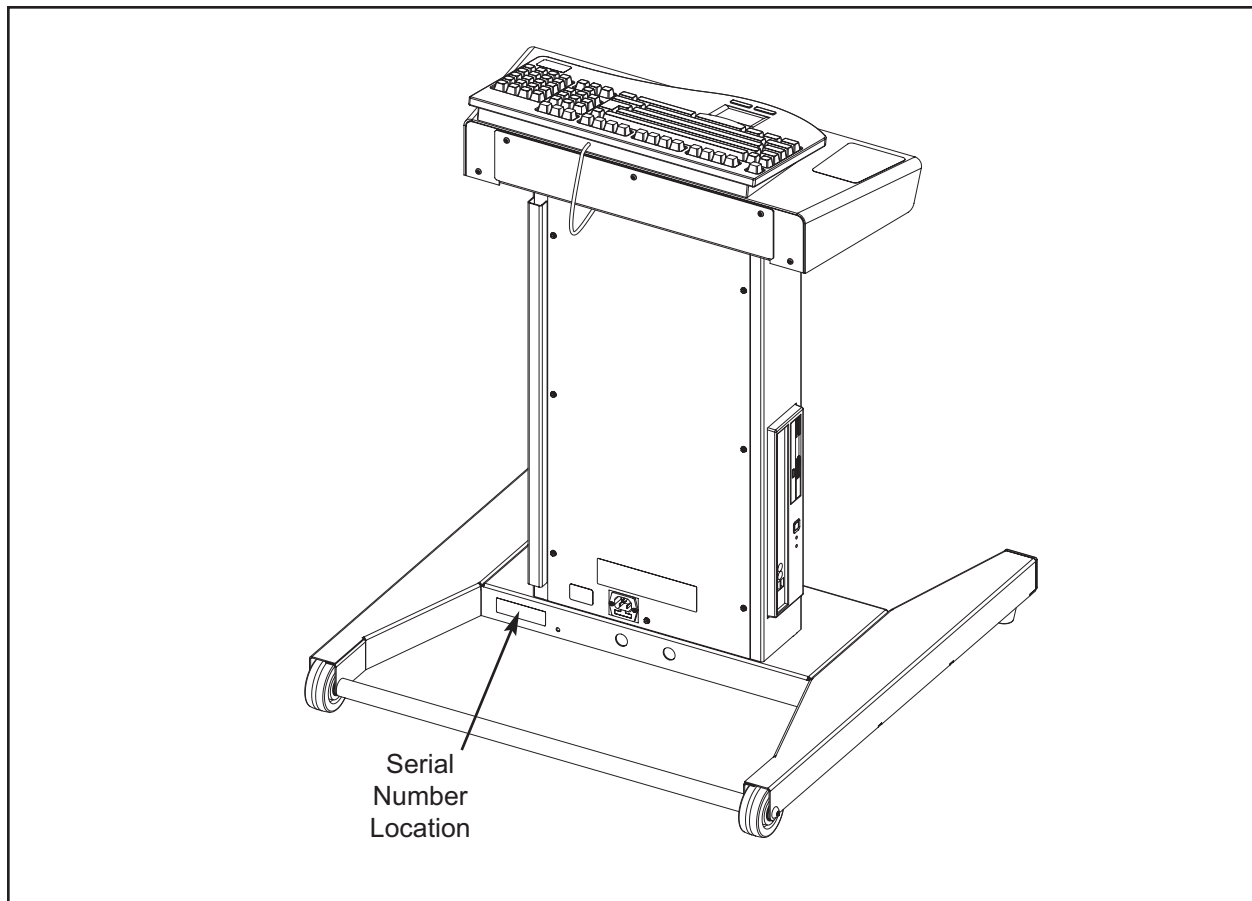


Figure 1

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