



StenoCast RED

(Refresh-Enabled Device)

USER MANUAL



StenoCast Wireless Realtime Systems
www.stenocast.com

REGULATION INFORMATION

The StenoCast RED must be installed and used in strict accordance with the manufacturer's instructions. This device complies with the following radio frequency and safety standards.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference.
- (2) This device must accept any interference received, including interference that may cause undesired operation.

Federal Communication Commission Interference Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Installation and use of this Wireless LAN device must be in strict accordance with the instructions included in the user documentation provided with the product. Any changes or modifications (including the antennas) made to this device that are not expressly approved by the manufacturer may void the user's authority to operate the equipment. The manufacturer is not responsible for any radio or television interference caused by unauthorized modification of this device, or the substitution of the connecting cables and equipment other than manufacturer specified. It is the responsibility of the user to correct any interference caused by such unauthorized modification, substitution or attachment.

Manufacturer and its authorized resellers or distributors will assume no liability for any damage or violation of government regulations arising from failing to comply with these guidelines.

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Thank you

Thank you for purchasing the StenoCast RED Wireless Realtime System featuring Bluetooth wireless technology. The StenoCast RED creates a wireless connection between the Court Reporter's laptop and up to seven attorney/client laptops.

FEATURES

- Support for Microsoft Windows 98, Windows 2000, XP Home, Windows XP Pro, Vista
- Easy operation and setup
- Sends a Wireless Realtime Signal to up to seven clients

SYSTEM REQUIREMENTS

- One available built-in Serial Port **or** one available USB port.

StenoCast RED Quick Setup

Step 1:

Check the contents of your StenoCast RED System. There should be:

- 1 StenoCast RED Unit
- 1 USB cable
- 1 StenoCast Utilities CD
- 1 StenoCast RED Instruction Manual and Quick Setup guide
- 1 AC power supply (not needed if you plug in via USB)

Step 2:

Insert the StenoCast CD into your computer. The CD will start automatically and install the driver.

Vista Users: You will be prompted to allow the program “**dpinst.exe**” to continue. Click “Continue” and the driver will be installed.

Once the driver is loaded (*your computer's CD drive will start spinning and then it will stop, usually in less than one minute*), you can then connect the StenoCast RED to your computer via the USB cable (provided).

Your StenoCast RED is now properly connected to your computer. Please proceed to the next section for instruction on determining the COM port number assigned to your StenoCast RED.

RED Operational Instructions are located on page 16.

Checking Com Port Settings

Step 1:

Turn on your laptop or computer if you have not already done so. Now we will check the COM port number of your StenoCast RED. From your Windows desktop click

START>CONTROL PANEL



Step 2:

Check to make sure you are in Classic View. If you are not, switch to Classic View.

(Windows XP)

At the Control Panel window double-click the **SYSTEM** Icon.

(Windows Vista)

At the Control Panel window double-click the Hardware tab.

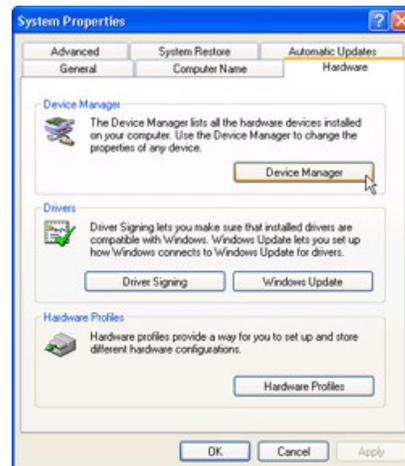


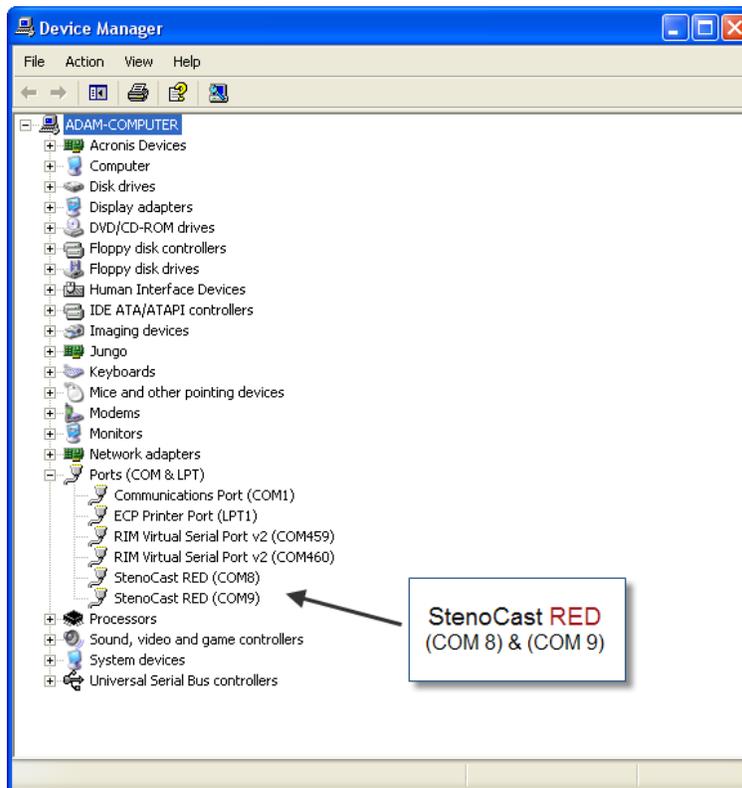
System Icon
(Double Click)

Step 3:

(Windows XP)

Next, double-click the **SYSTEM** Icon. Then click the **HARDWARE** tab. Now click the **DEVICE MANAGER** button.





Step 4:

Once the Device Manager window is visible, you should see a section labeled **PORTS**. Click on the + sign to expand the tree. Locate what COM ports the StenoCast RED has been assigned to.

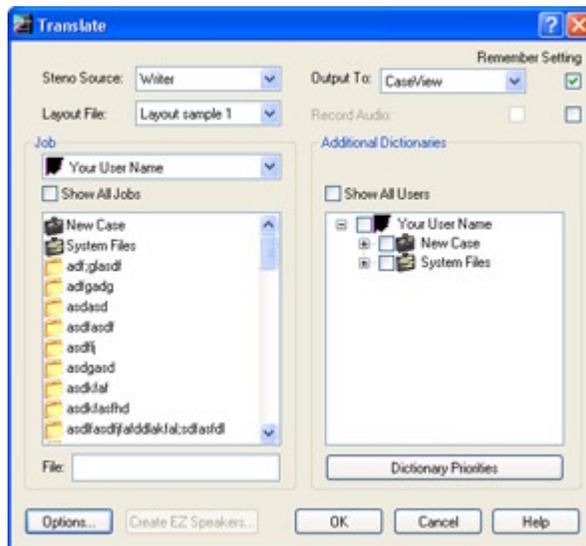
The lower of the two COM ports is set for Caseview (2400 baud) and the higher COM port is set for the Lawbridge format (38400 baud).

Once you know the COM port numbers the RED is assigned to, you are then ready for the final part of the Reporter computer setup.

CaseCat Configuration

Step 1:

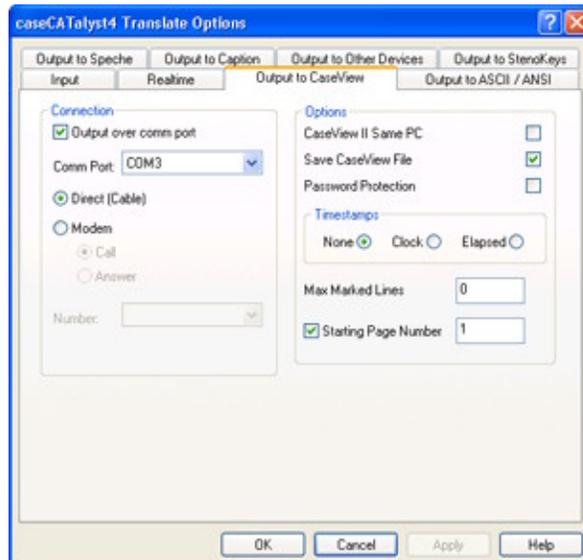
From the Default screen click the **Translate** button or type **Ctrl+T** to enter the translate window. In this window make sure the **Output To** pull-down menu is set to **CaseView** and the **Remember Setting** box is Checked. Next, click the **Options** tab in the lower left corner of the translate window.



Step 2:

Then Click the **Output to CaseView** tab. In this window make sure your **COM Port number** matches the **LOWER** of the two **COM port numbers assigned to your StenoCast RED**. Also, make sure that the **Output over comm port** box is checked and the **Direct (Cable)** bubble is selected.

Your CaseCatalyst software is now configured to use the StenoCast RED. To set up an attorney or client computer to receive realtime from the StenoCast RED, please see the RED Client Manual.



Total Eclipse Configuration

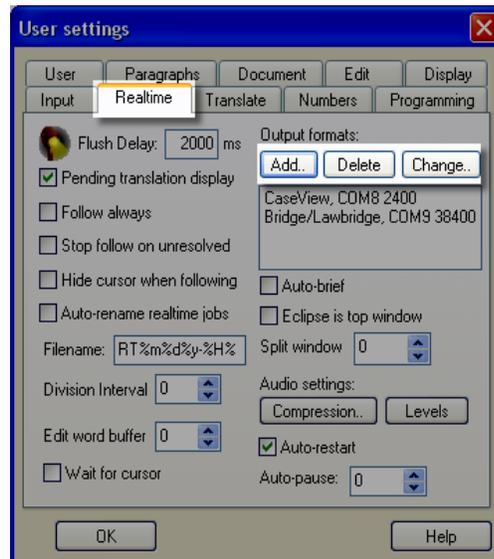
Step 1:

From the default screen click the **Settings** button in the upper left area of the screen.



Step 2:

Click the **Realtime** tab near the top of the window. You should see the current output format in this window. Now click the **Add or Change** button under **Output formats**. This will open the Output format window.





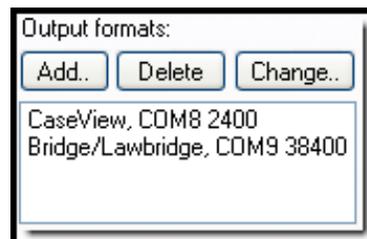
Step 3:

Now use the pull-down menu next to **Output** and select **Summation/CaseView**. Next, click the **Setup** button. This will open the **COM Port Setup** window (Pictured below). Make sure the lower of the two RED **COM Port** numbers listed in Device Manager is entered here and the **baud rate** is set at **2400**.

Then, you will repeat the above process, and in the **Output format** menu select **Bridge**. Click the **Setup** button. Make sure the higher of the two RED **COM Port** numbers is entered here and the baud rate is set at **38,400**.



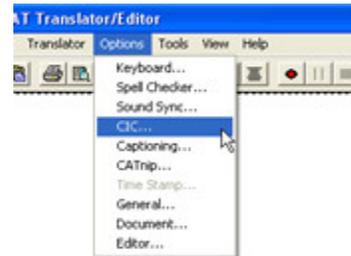
When you have completed the StenoCast RED configuration, your Total Eclipse **Output formats** window will look similar to the one pictured here.



DigitalCAT Configuration

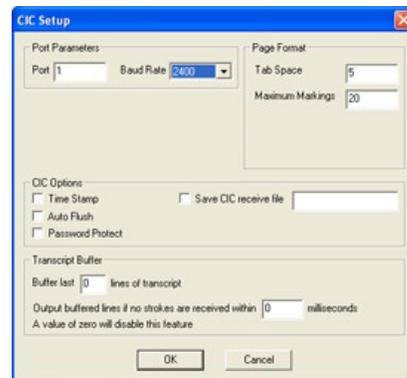
Step 1:

From the default screen of DigiCat , Click the **Options** tab and select **CIC** from the menu. This will open the CIC Setup window.



Step 2:

Once in the CIC Setup window, make sure that the lower of the two **COM port numbers** listed in **Device Manager** for the StenoCast RED is entered here and that the **baud rate** is set at **2400**. That's it for the setup. The next step will show how to initiate realtime transmission in DigiCAT.



Step 3:

In order to send out Realtime in DigiCat, Realtime must be initialized. When starting Realtime, select the **Tools** menu from the default screen. Then find **CIC** on the pull-down menu and select **Start Session**. DigiCat will now send out Realtime.

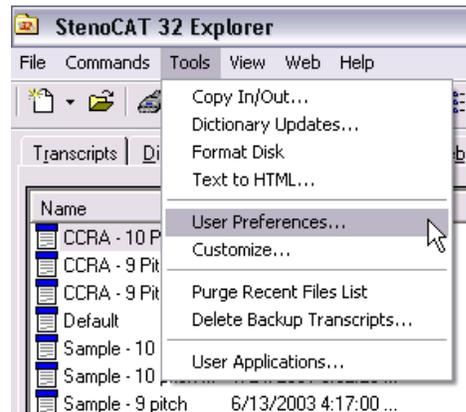
To set up an attorney or client computer to receive realtime from the StenoCast RED, please see the RED Client Manual.



StenoCAT Configuration

Step 1:

From the default screen open the **Tools** menu at the top of the window. Then select **User Preferences** from the menu.



Step 2:

You should now see the **User Preferences** window. First, click on the **Realtime** tab near the top of the window. Make sure the bubble next to **Serial Connection** is selected.

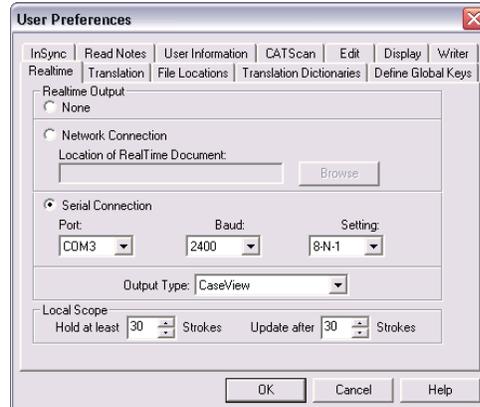
Make sure that the lower of the two **COM port numbers** listed in **Device Manager** for the StenoCast RED is entered in the **Port** drop-down menu.

Set the **Baud rate** to **2400**.

Next, check the **Setting** pull-down menu. It should show **8-N-1**.

Then make sure the **Output Type** is set to **CaseView**. Next click **OK** to save the settings.

Your Realtime output settings are now configured for your StenoCast RED. Proceed to the next page for connection instructions.



Step 3:

From the default screen open the **File** menu. Then select **Start Realtime**.



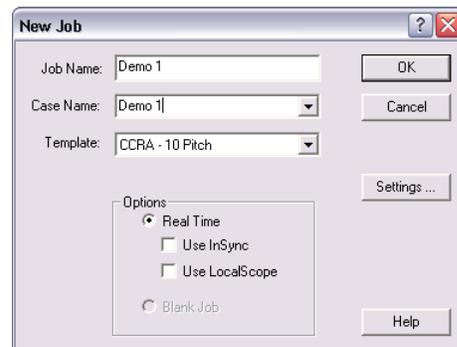
Step 4:

From the Realtime window select **Start new job** (or append to existing job if you wish). Then click **OK**.



Step 5:

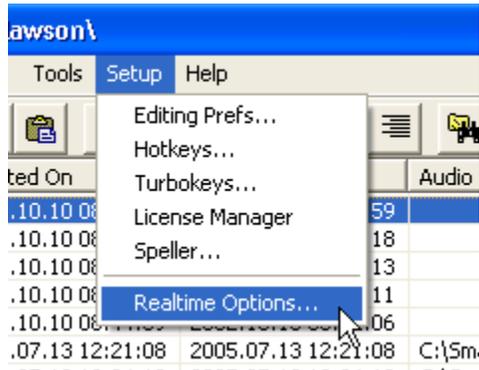
Choose a name for the new job (or select an existing file if appending an existing job). Then click **OK**. That's it. You are now sending out realtime wirelessly with your StenoCast RED. To set up an attorney or client computer to receive realtime from the StenoCast RED, please refer to the RED Client Manual.



SmartCAT Configuration

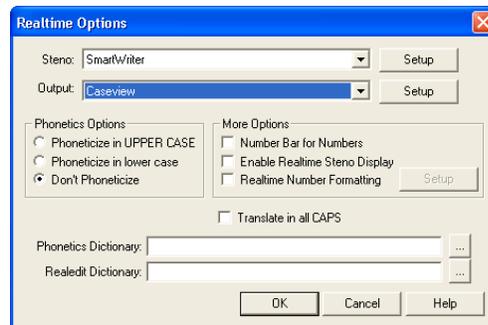
Step 1:

From the default screen open the **Setup** menu at the top of the window. Then select **Realtime Options** from the menu.



Step 2:

You should now see the Realtime Options window. Select **Caseview** as your Output Format. Then click the **Setup** button next to the Output Format.



Step 3:

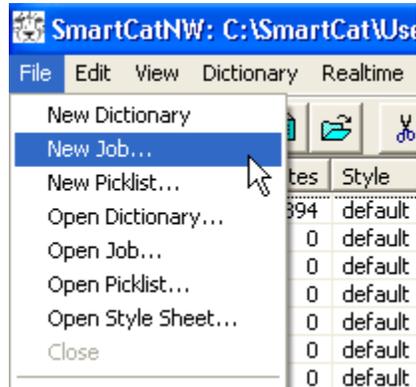
Once in the **Caseview Output Settings** window, make sure that the lower of the two **COM port numbers** listed in **Device Manager** for the StenoCast RED is entered in the **Port** drop-down menu.



Proceed to the next page for instructions on how to send out realtime with SmartCAT.

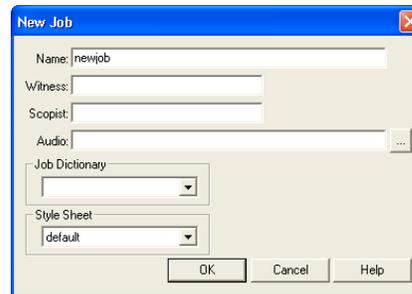
Step 4:

To start realtime in SmartCAT, open the **File** menu near the top of the window. Then select **New Job** from the menu.



Step 5:

You will now see the New Job window. Enter all appropriate information and then **click OK**.

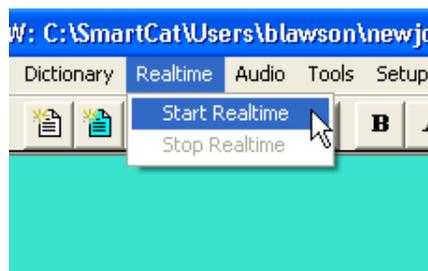


Step 6:

Next, open the **Realtime** menu near the top of the window. Then select **Start Realtime**.

You are now sending out Realtime wirelessly with your StenoCast RED.

To set up an attorney or client computer to receive realtime from the StenoCast RED, please see the RED Client Manual.



Getting familiar with your StenoCast RED

(Refresh-Enabled Device)

Almost all reporters will connect to their RED via their USB port. You may plug the RED directly into the computer's USB port or use a USB hub.

Before your first use, insert the StenoCast CD into your CD drive. The CD starts automatically and loads quickly. Once your RED driver is installed, go to Device Manager and look at Ports to determine what COM ports the RED was assigned to. They will be entitled, "StenoCast RED" followed by the COM port number. Jot those COM port numbers down and then enter those number in your CAT software's outgoing realtime settings.

Note: You will see two StenoCast RED devices listed under Ports. The first listed RED device (with the lower COM port number) is the device that transmits to Clients using the CaseView protocol at the 2400 baud rate, and the second listed RED device (with the higher COM port number) is the device that transmits to Clients using the Bridge protocol at the 38,400 baud rate.

Your RED kit comes with an optional AC power adapter. If you choose to plug your RED into a USB hub along with other devices, it may be necessary to then use the AC power adapter to power the RED device. If you plug the RED directly into to your computer's USB port, no outside AC power source is necessary.

Operation Instructions

- 1) Plug the USB cable into the RED and the other end into your computer.
- 2) Have the Judge/Attorneys plug in their USB Ez Receivers (Red or Blue) and open up a realtime file in their litigation-support software.
- 3) The RED will automatically go into Test Mode. The RED will transmit the message "Wireless Connection Successful" every ten seconds. This will allow the parties to test the realtime signal without the reporter hitting keys on their steno machine. Test mode will stop once the reporter hits their first steno stroke. To re-initiate Test Mode, unplug the USB cable attached to the RED and then plug it back in. That will restart the RED and re-initiate Test Mode.

LCD Screen Messages

StenoCast RED Status Ready

Your RED is plugged into either the USB port or the USB hub, and the RED unit is powered on. No wireless connection has been established with any Ez Receivers.

StenoCast RED Clients Online

One or more Ez Receivers have connected with the RED. Realtime is ready to be initiated. If no steno strokes have been hit, Test Mode will be initiated.

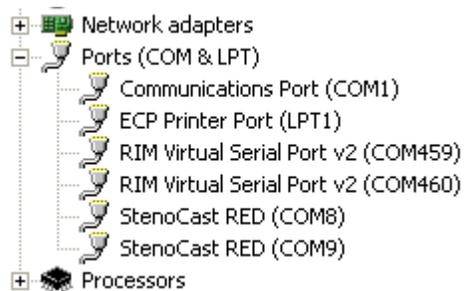
Clients Online Realtime Online

The wireless connection is established and realtime is being transmitted by the RED and received by one or more Ez Receivers.

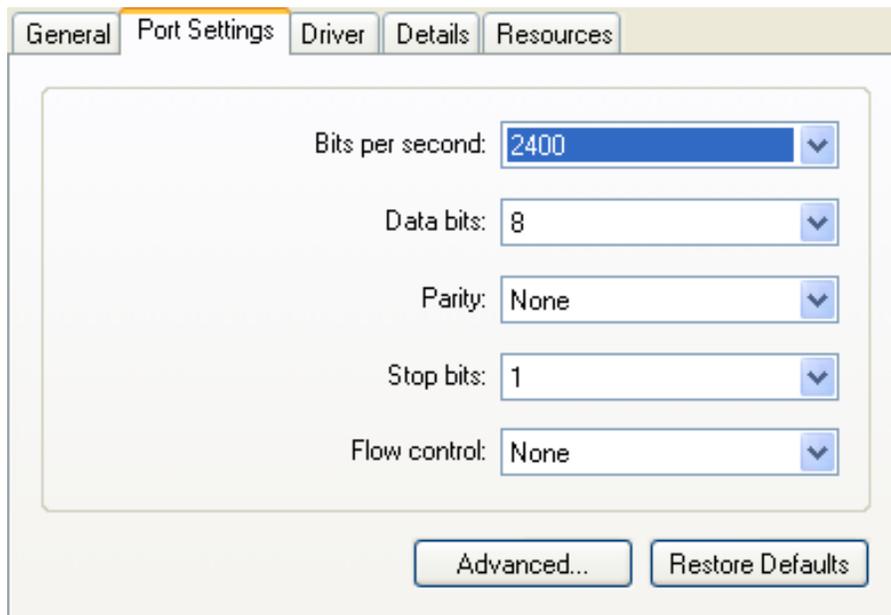
How to Change an Assigned COM Port Number

Go to Device Manager / Ports

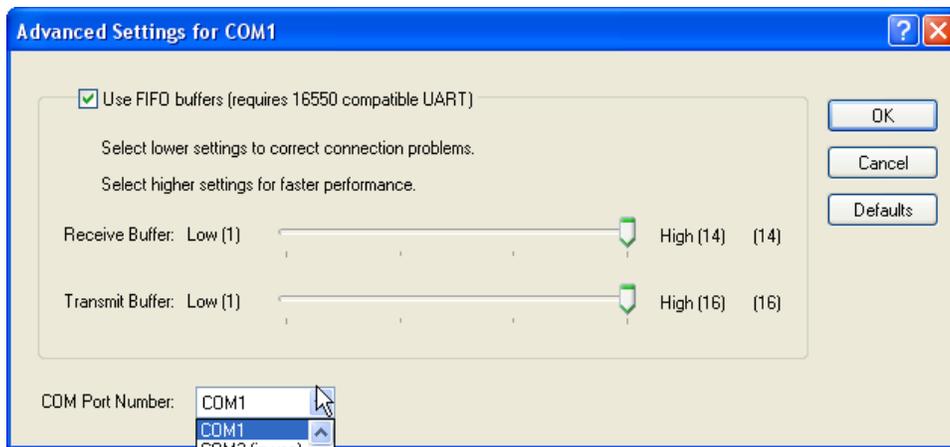
Double click on the port you would like to assign a different COM port number to.



Select the Port Settings tab, and then click Advanced



At the bottom of this window you will see COM Port Number and a drop-down menu with a COM port listed. Select a COM number (lower numbers are better) and then click OK. You may then receive a warning message. Click Yes that you would like to continue.



How to View Device Manager when you are “Locked Out”

Click on the Start button, and then click Help and Support.

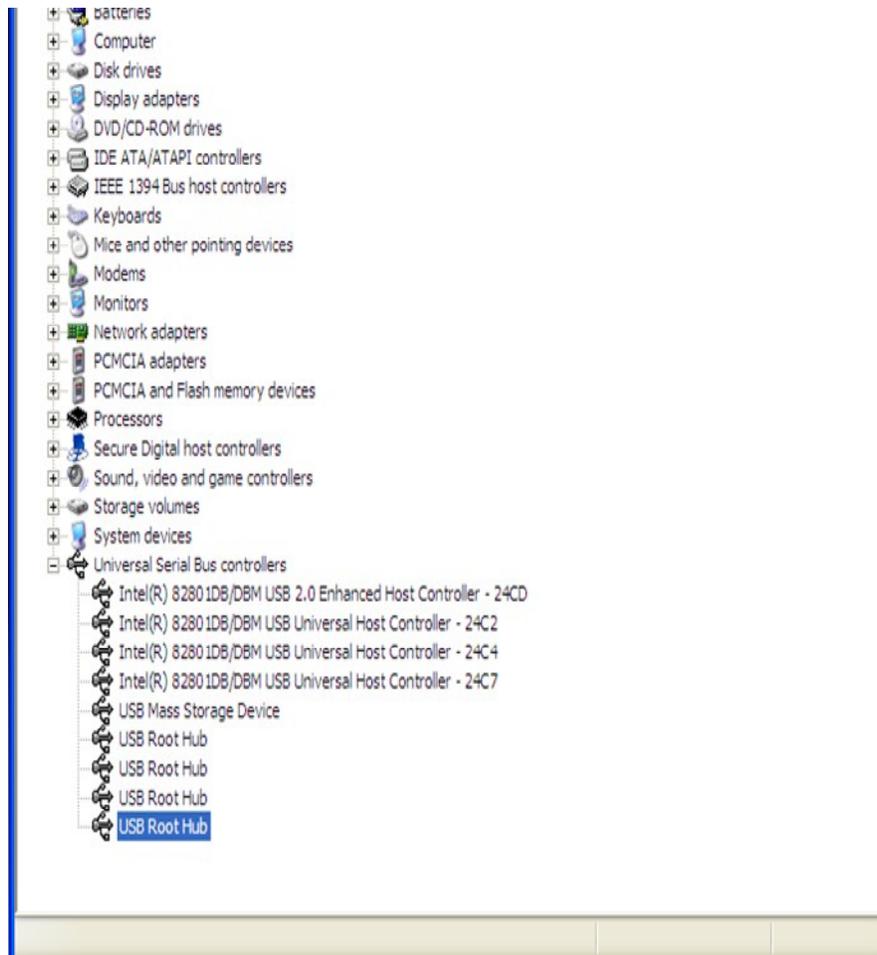
In the upper left corner you should see a Search box. Type in “Device Manager” and click the arrow.

When the search results are displayed, in the left column under the heading Overviews, Articles and Tutorials, at the bottom you will see “Device Manager.” Click on “Device Manager.”

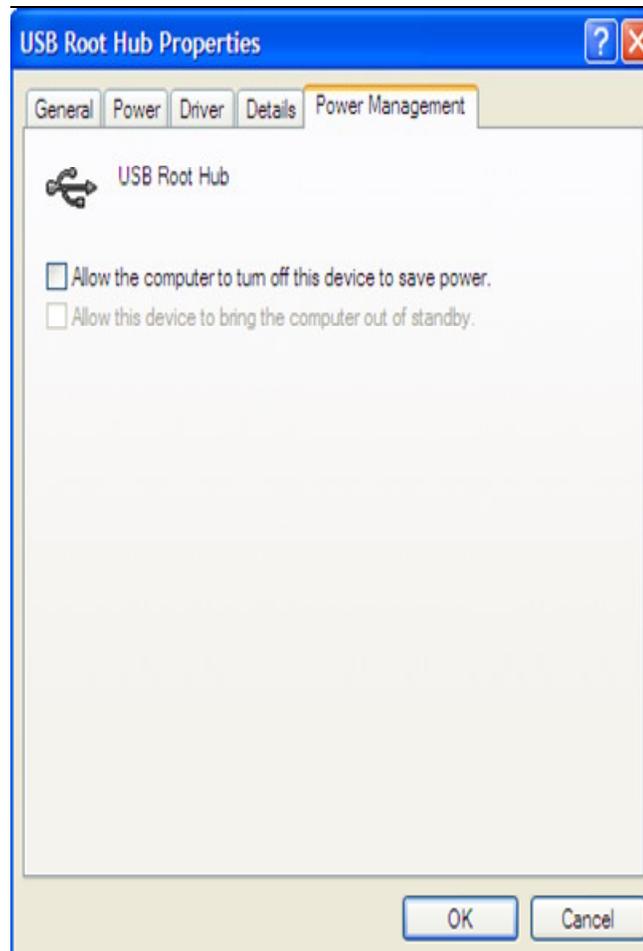
When the results are displayed in the main pane, you can then click on “Open Device Manager.”

Power Mangement; USB

Turn off USB power saving mode



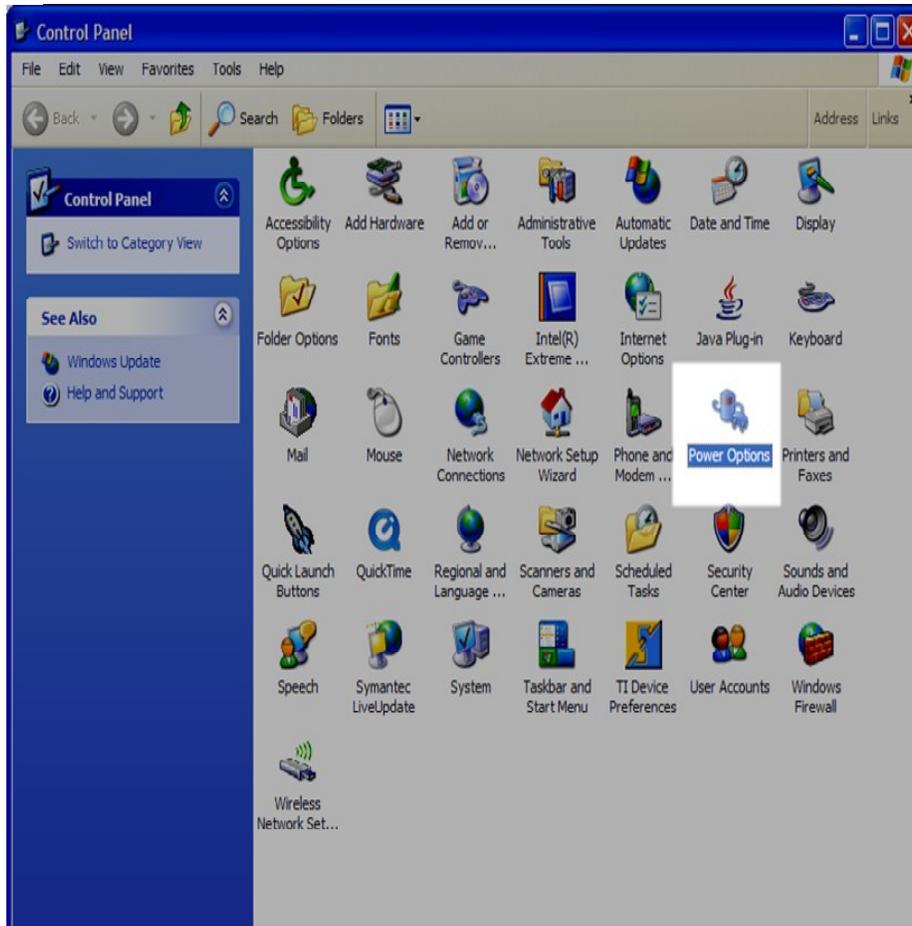
Go to Device Manager. Scroll down to Universal Serial Bus controllers. Click on the plus (+) sign. Starting at the bottom, double click on USB Root Hub.



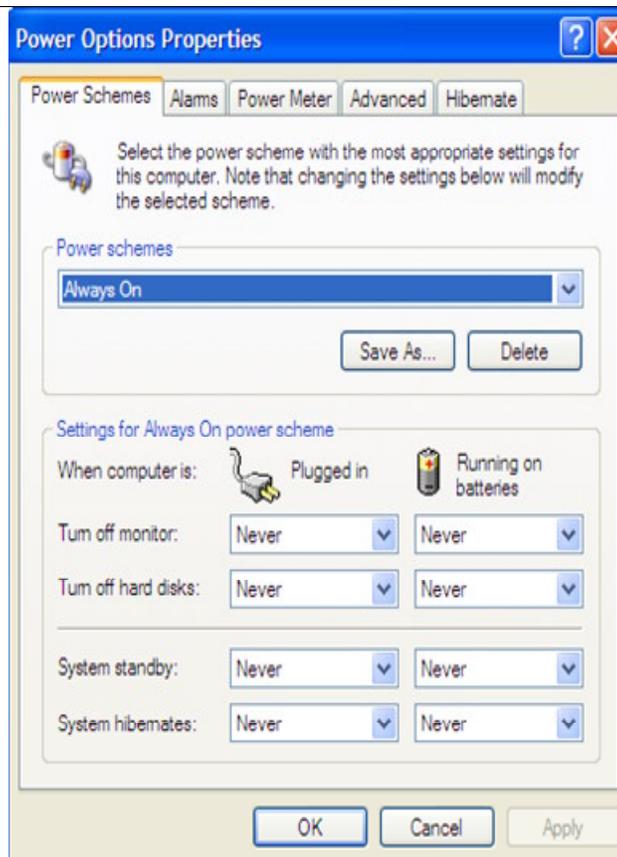
Make sure there is not a check mark in the box next to “Allow the computer to turn off this device to save power.” After you click “OK,” then proceed to the next “USB Root Hub” and double click that item and repeat these same steps.

Power Management: Laptop

Turn off power saving features



In Control Panel double click the Power Options icon.



Make sure the Power schemes is set to “Always On,” and the Settings for Always On power schemes are all set to “Never.”

