Installation Instructions for LRWS and Com Port Redirector Software.
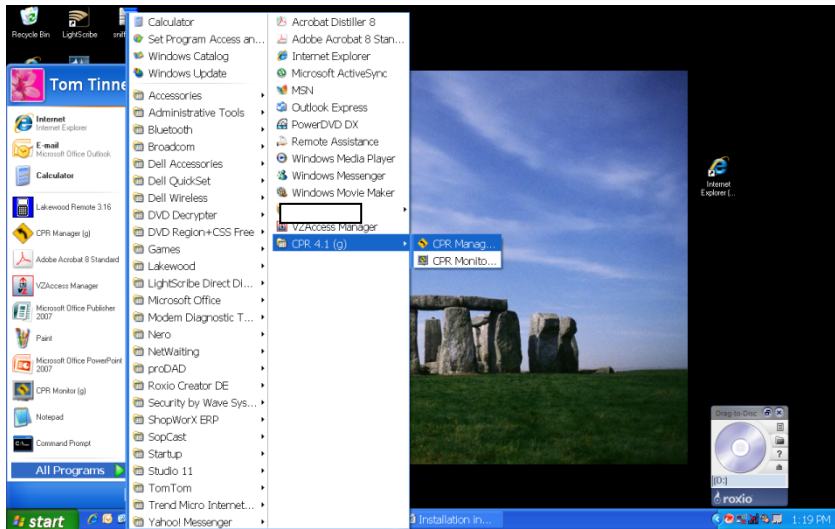
LRWS Installation

GO to the included WEB NODE CD-ROM using Windows Explorer. Enter the LRWS directory and double left click on the "LRWS" application. Left click on the run button and follow directions to install. Lakewood Instruments recommends that you accept the default folders.

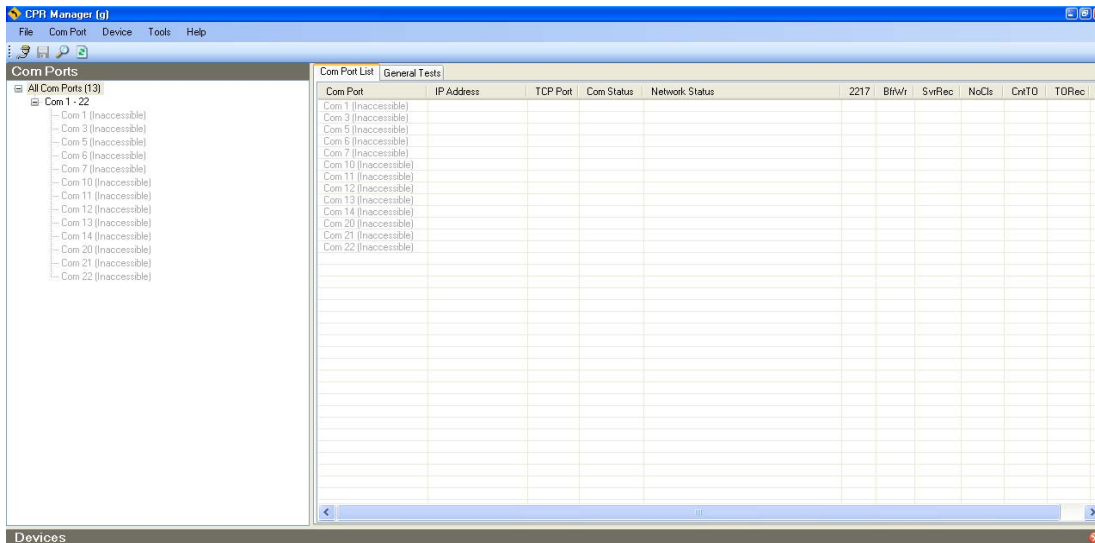## Com Port Redirector (CPR) Software Installation

Go to the included WEB NODE CD-ROM using Windows Explorer. Enter the Redirector directory and double left click on "SETUP" application. The setup wizard will walk you through the installation process. Make sure you click "Continue" through all warning messages (especially with Vista).
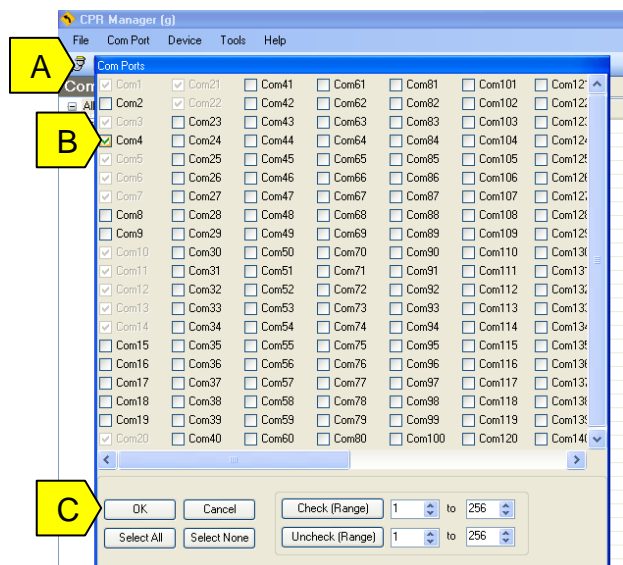
Setting Up to Run Communications.

From the START button, go to "All Programs" and select "CPR 4.1 (g)". Highlight "CPR Manager" and left click to open.
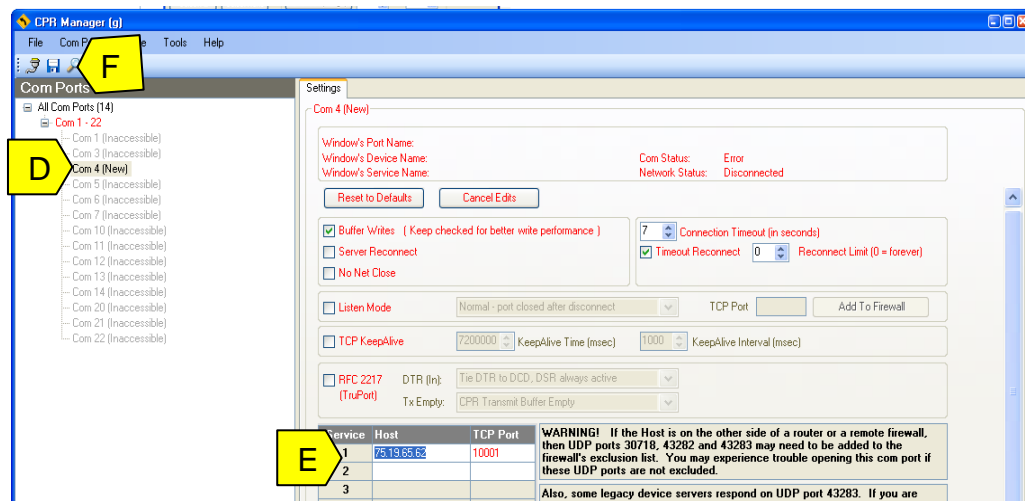

Upon opening the program, a screen similar to the one below should be seen:

You must now tell the program what serial ports it will present to LRWS as "Network Accessible". This is accomplished by left clicking the "Add and Remove Com Ports" Icon (Arrow A) in the upper left corner of the screen.   A window should pop-up that lists up to 256 com-ports. Any that are grayed out are already reserved or taken by other programs. You need to find an open box from com port 1 to 4 and click in it as shown (Arrow B-Com 4 in the example). A green check mark will appear in the box. Click in the "OK" box (Arrow C). COM 4 will now show up in red text with the word "New" next to it. Click the "Save" ICON in the upper left corner (Next to the "Add and Remove Com Ports" Icon). Continue through the warning message that appears.

Now click on Com4 (Arrow D) and a set up window should appear to the right. The presets are in place and require no alteration on your part, but you will have to enter an address of the controller down in the service host box. If you want to test your installation, use the unit at the Lakewood Instruments factory. Its IP address is 75.19.65.62 and its port is 10001. Enter it as shown below (Arrow E) and then click the save Icon again (Arrow F).

Set Up LRWS and Connect to a Controller

You are now ready to launch LRWS and communicate. Make sure your computer is on a valid internet connection (able to open a browser and go to a webpage).

From the START button, go to "All Programs" and select "Lakewood". Highlight "Lakewood Remote 3.16" and left click to open.

After opening LRWS, left click "Controllers". In the "Controllers" screen; left click "New". Name the controller in the name field; leave the number field blank; the default password is 12345678; select the com port that was configured in the Redirector software; set the baud rate to "19200"; and set the connection to "RS232". Click OK.

You are now ready to connect. Highlight the new entry and click the connect button.

Multiple Controller Set-Up

At the present time you can enter up to 8 controllers on the same com port. Under the Service/Host/TCP Port list in Redirector, you can enter additional units. When using LRWS with the Redirector Com Port, the top most IP address In the Service list will be tried first then the next address and the next and so on. You can move Addresses/ports up and down the list (Arrow E above), re-prioritizing, by moving the mouse pointer over the number of the service you want to move and holding down the left mouse button and dragging the service to the position desired. The top most address will always be tried first. If no connection is established, the next address will be tried. You can make sure you haven't slipped to the wrong controller by looking at the CPR manager to see which IP address the com port is connected to.