

DLPCI Configuration:

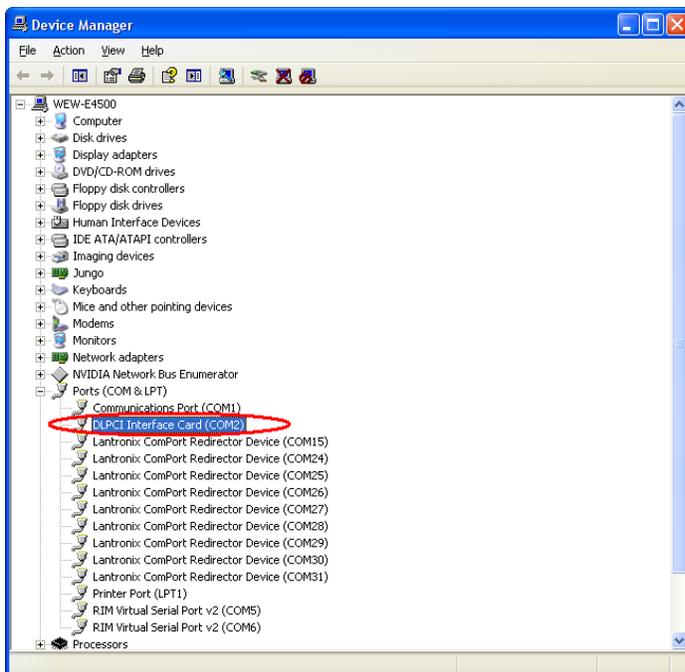
To configure the DLPCI you need the DL32 configuration software installed. Insert the Equustek CD. The selection screen should start up automatically. If it does not start automatically, select *Run* from the Start Menu and enter “D:\Autorun.exe” where “D” is the drive letter of your CD drive.



From the selection screen, choose *Install Software* → *Install DL32 Configuration Software* → *Install Latest DL32 Software* to install the latest version of DL32.

To run the DL32 software, Press the *Start Button* (bottom left of screen) then select *Programs* → *Equustek Solutions Inc.* → *DL32*.

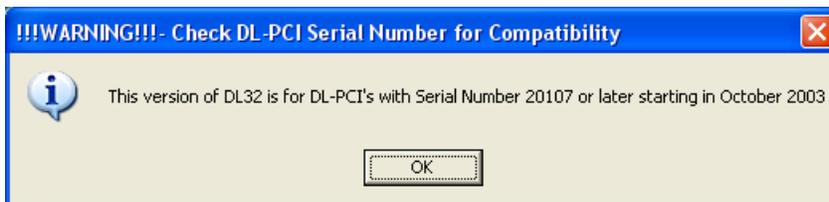
Before Starting the DL32 Configuration Software, find out what COM port has been assigned to the DLPCI. To do this, open the Device Manager (from the Control Panel, select System, then on the Hardware tab in the System Properties window, select Device Manager). Under *Ports (COM & LPT)* you will see the COM port assigned to the DLPCI.



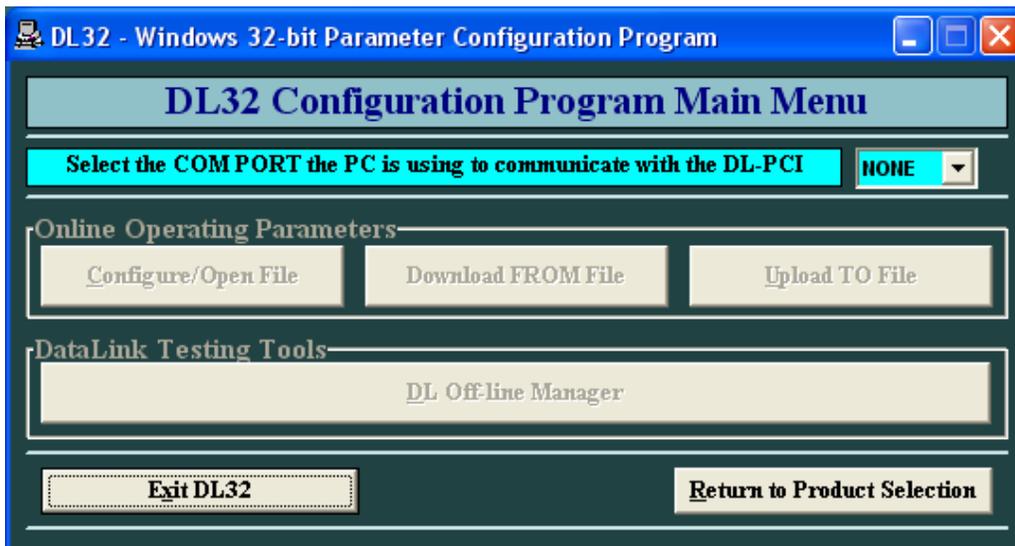
Start the DL32



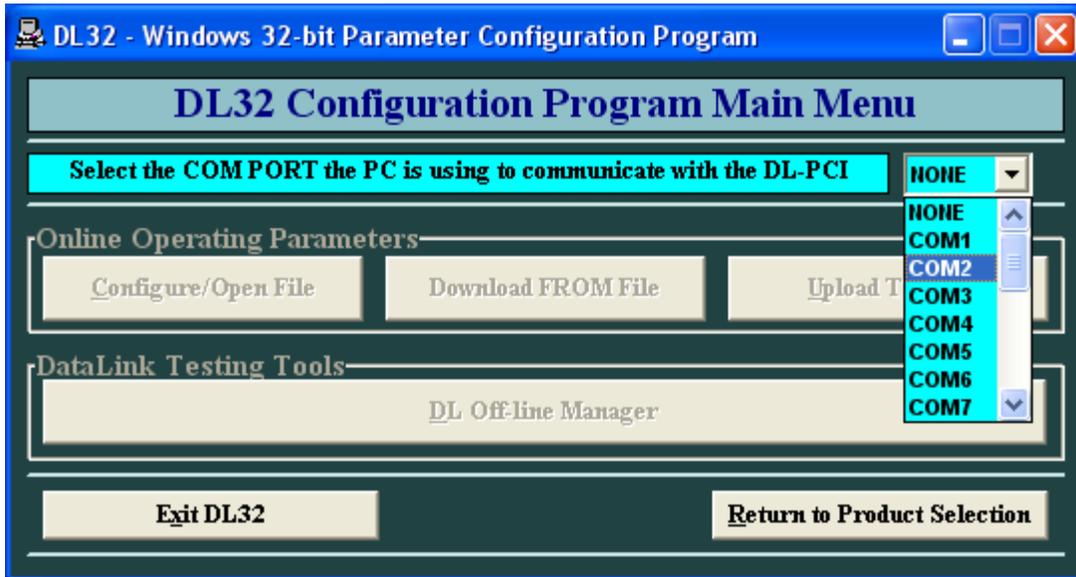
From the DL32 Welcome Screen, click on the *DL-PCI* button.



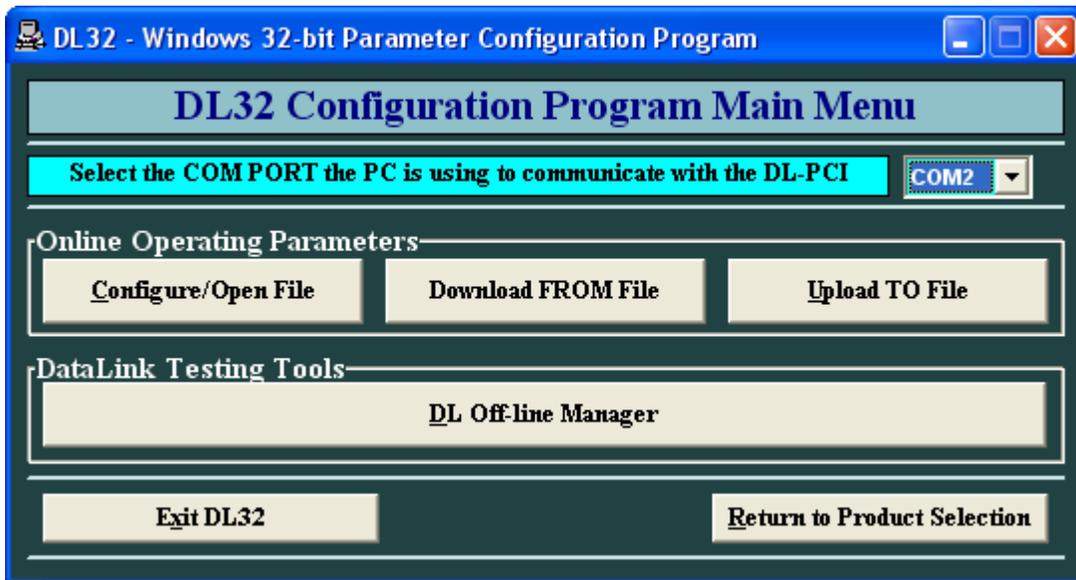
Ensure the SERIAL NUMBER of your DLPCI is greater than 20107, if not then you need to use the older DL32 Version 2.03 (can be downloaded from our Equustek website under download).



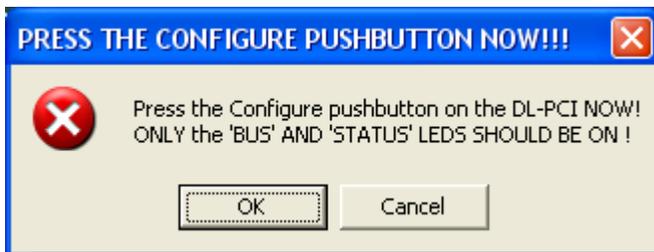
From the DL32 Main Menu, select the COM Port that has been assigned to the DLPCI.



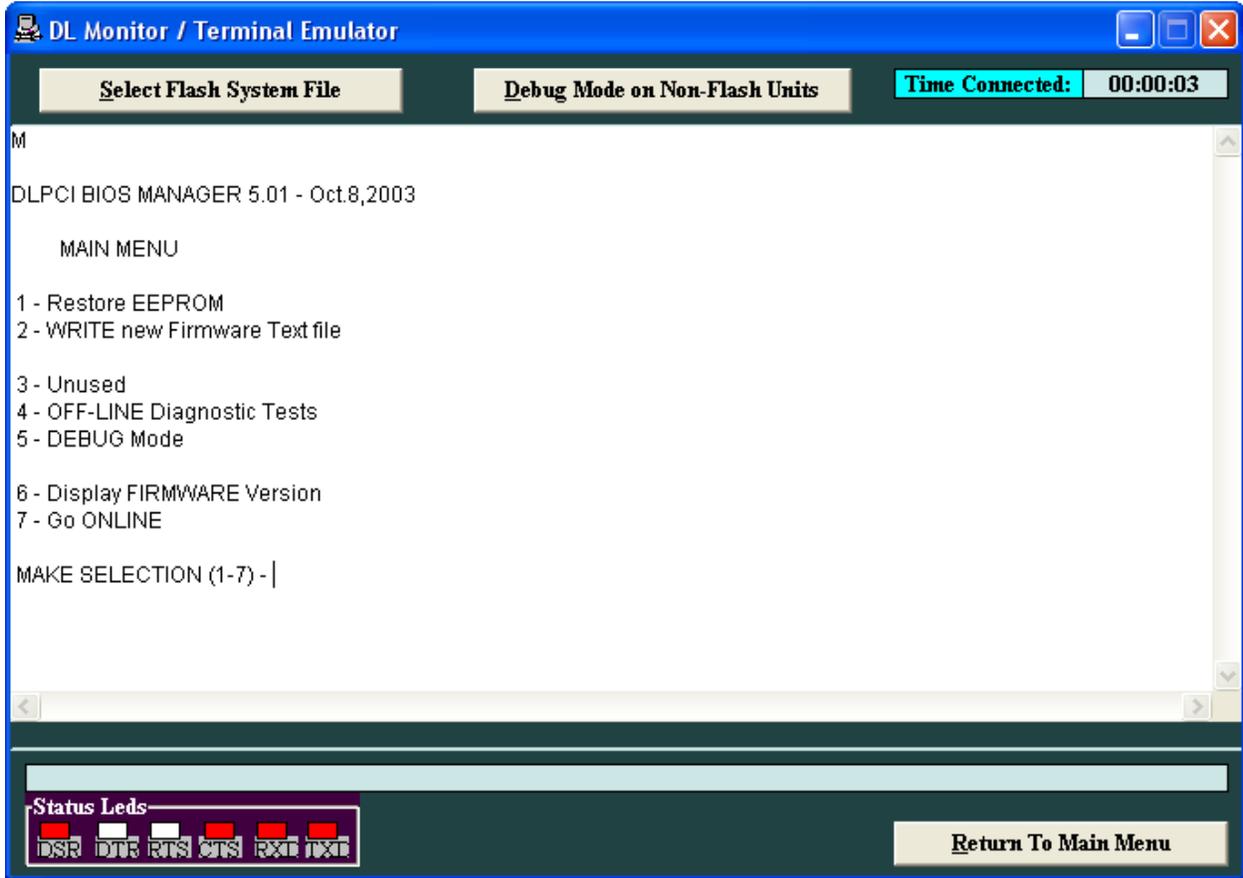
Click on DL Offline manager



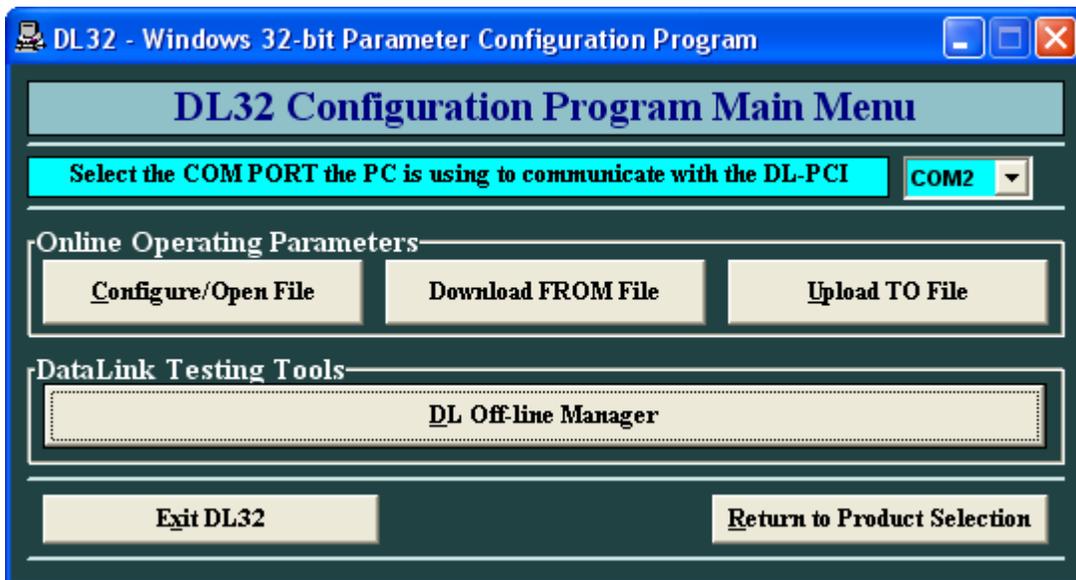
Click on ok after you press the configure pushbutton on the DLPCI card.



Here just hit the enter key to make sure you have are communicating with the card and you can see the menu as shown below.



Click on return to main menu, and then click the *Configure/Open File* button.



Select the Network Protocol (based on the model of DLPCI you have ordered). DH+ or DH485.

In AB network parameters select the card Data highway node address number, and your Data Highway network baud rate.

As for DF1 set the emulated serial bus speed and click on Set DF1 Advanced Parameters.

Online Operating Parameters for the DLPCI

SELECT NETWORK PROTOCOL

A-B DH+ A-B - DH-485 A-B RIO ADAPTER

AB DH+ NETWORK PARAMETERS

STATION NUMBER 1 Octal

DH+ NETWORK SPEED 57.6 Kbaud

DF1 BUS PROTOCOL

PROTOCOL AB-DF1

BUS SPEED EMULATION 38.4 Kbaud **SET DF1 ADVANCED PARAMETERS**

STATUS Click on " DOWNLOAD to DL " to download these parameters .

CONFIGURATION Settings **DOWNLOAD to DL** **RETURN to Main Menu**

Here select parameters shown below for DF1 protocol settings. Typical users will want to leave the settings at their default values.

DF1 ADVANCED PARAMETERS

PRESS BUTTONS TO TOGGLE THE FOLLOWING OPTIONS:

MESSAGE CHECK

BCC CRC

DUPLICATE MESSAGE

IGNORE ACCEPT

EMBEDDED RESPONSES

NONE EXECUTE

DIAGNOSTICS

EXECUTE PASS

CONFIGURATION

POINT-POINT / FULL DUPLEX

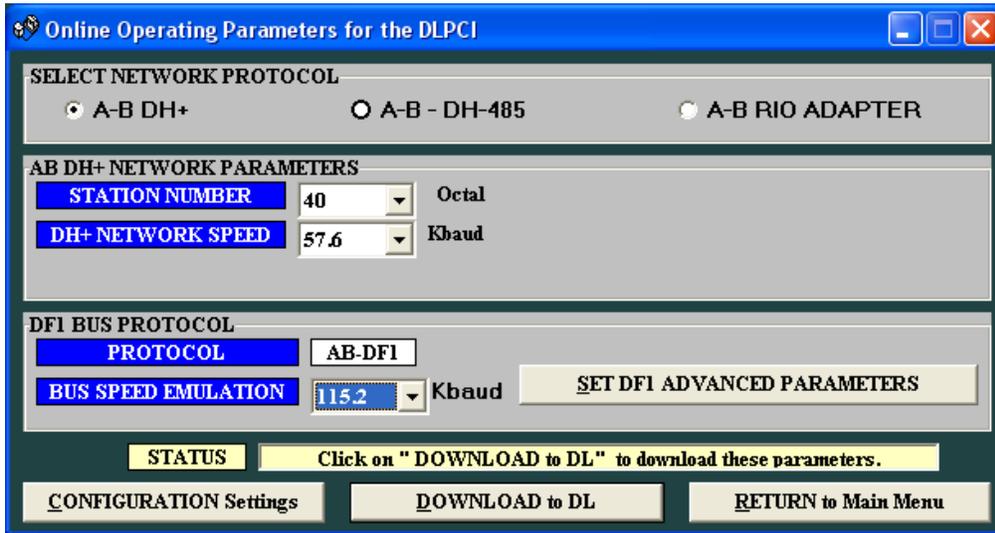
MULTI-DROP / HALF DUPLEX

HANDSHAKING LOOPBACK

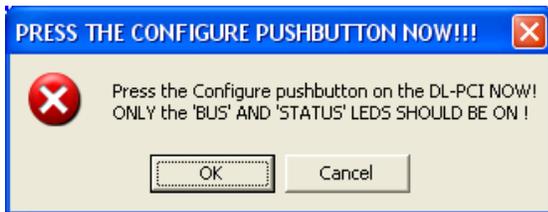
NONE RTS TO CTS

ACCEPT

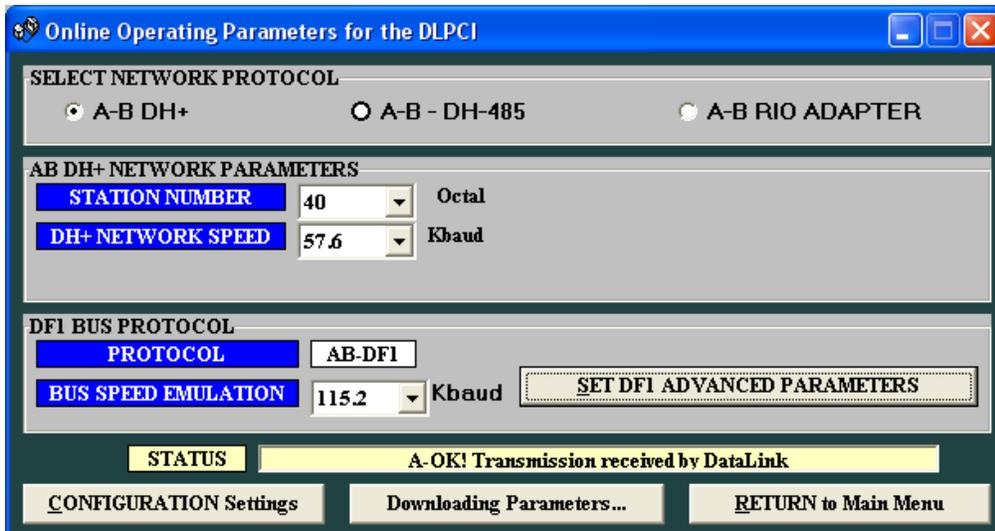
In an example here we set the node address to 40 octal and DH+ 57.6Kbaud and 115.2K baud serial DF1 speed, after setting all the parameters click on download to DL



Press the pushbutton switch on the card if you have not done that yet and click on ok.



Wait until you see A OK transmission received by DataLink as shown below.



Close the program and restart the PC to set your DF1 driver.