



Quickstart Procedure

DL3500 – DSS Bridge and CRANE Bridge Units

Using DL32 V3.X for Windows 2000/XP/WIN7 & WIN8.

Please ensure that you have the correct cable when configuring the DL3500 through its DB9 serial port. If USB is used ensure that the Virtual Com Port (VCP) is set up under the Control Panel when the USB VCP driver has been installed. Please see the DL3500 user's manual for cable diagrams and greater descriptions.

Step A – Install and Run DL32

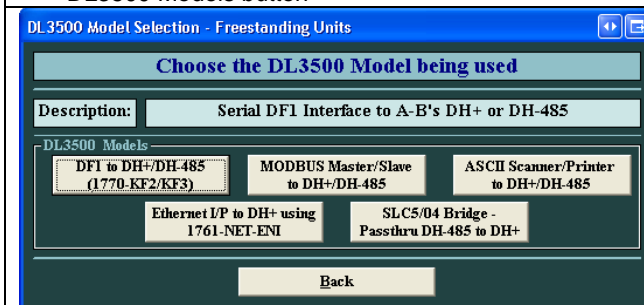


1. Insert the Configuration CD and the selection screen should start up automatically. If it doesn't select RUN, then D:\Autorun.exe (where D is the drive letter of your CD drive)
2. Click on Install Software and follow instruction to install Latest DL32 version.
3. After you finish installation start the DL32 program.

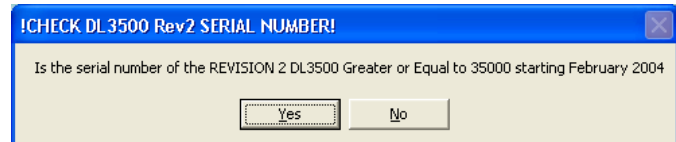
Step B – Configuration Settings



1. From the **DL32 Welcome Screen** click on the DL3500 Models button



3. Select the Model of the DL3500 Being used. In this example we are going to select the DL3500-DF1

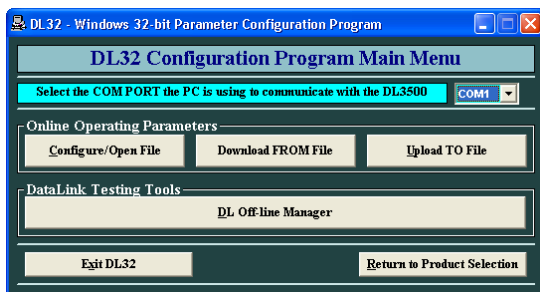


2. ANSWER YES.

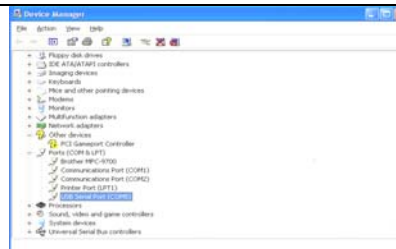
This setups the communication speed of the software.

If you wish to use an external terminal emulator program such as HyperTerminal to setup the DL3500 the following is the settings:

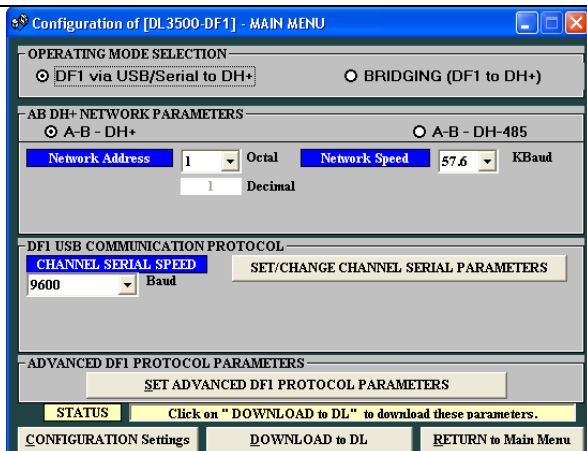
- 19.2K,N,8,1
- Use XON/XOFF flow control.



- From the DL32 'Main Menu' screen, first select the appropriate COM port the unit is connected to, and then click the CONFIGURE/ OPEN FILE button.



- If using the USB option you must first find out what COM port is assigned to your USB port. Open Control Panel, then enter into System then select the Device Manager and check to see which COM port your USB port has been assigned.



- From the Main configuration Menu,
 - Select the NETWORK PROTOCOL: Ensure DH+ is selected.

The settings here depend on Which model of the DL3500 you are configuring, the DSS-Bridge or the CRANE-Bridge.

1- DSS Bridge – Units connected to the DSS DH+ network and have unique DH+ node numbers on the highway.

Configure the Following:

- The appropriate DH+ network speed.
- The station number that the DL3500 will be occupying on the network (ensure that this station is available and that there are no conflicts with other devices or PLC's).
- Under "DF1 Serial/USB Communication Protocol" the channel serial speed is hard coded to always be 115.2 KBaud.
- Leave all settings Under SET/CHANGE SERIAL PARAMETERS and SET DF1 ADVANCED PARAMETERS to there defaults.

When all options have been selected press the DOWNLOAD TO DL BUTTON

2- CRANE Bridge – Units

connected to the individual CRANE DH+ networks have hard coded DH+ node numbers on the highway.

Configure the Following:

- The appropriate DH+ network speed.
- The station number that the DL3500 will be occupying on the network is always going to be 01. The CRANE PLC must always be 22 (octal) to ensure correct communications.
- Under "DF1 Serial/USB Communication Protocol" the channel serial speed is hard coded to always be 115.2 KBaud.
- Leave all settings Under SET/CHANGE SERIAL PARAMETERS and SET DF1 ADVANCED PARAMETERS to there defaults.

When all options have been selected press the DOWNLOAD TO DL BUTTON

The following applies to both Models:

- In the **Status** Bar there should be an A-OK Parameters transferred successfully. Once this is seen, Select **Return to Main Menu** and then **Exit DL32** to exit the program.
- If you wish to save the **Configuration Settings** then select the **CONFIGURATION Settings** button and choose **Save Configuration Settings**.
- The DL3500 is ready for normal operation on your network. Hit the **RESET** button to bring the DL3500 On-Line.