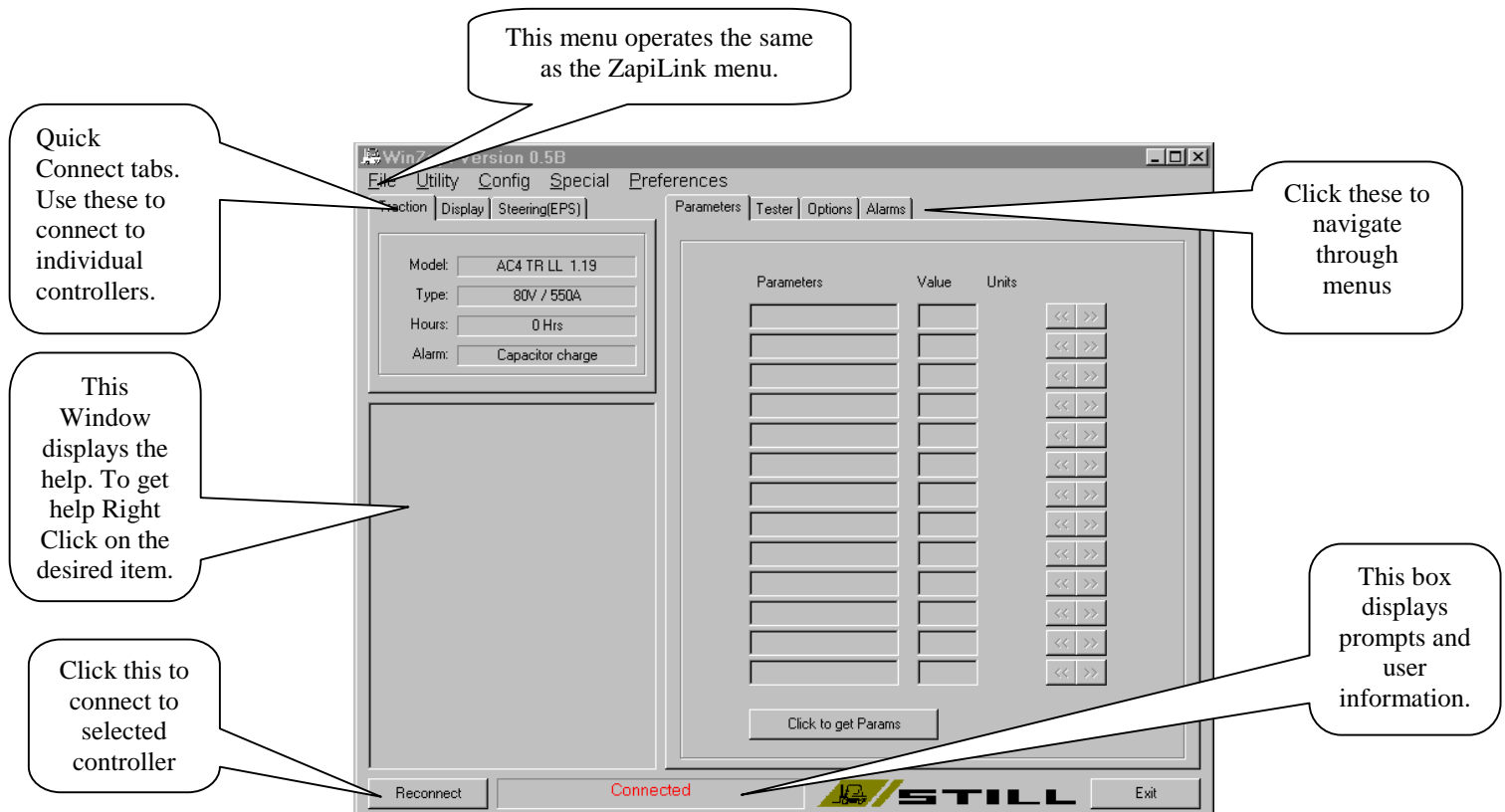


WinZapi User Manual

Getting Started

Click on the WinZapi icon placed on your desktop or in the “Start” menu.



Setting the Program Language or Communication Port

To set the program language or serial communication port, choose “Preferences” and then “Settings”.

The following screen is displayed. To change the language select “Change Language File”. Select the appropriate file and then click “Open”. The program language should now be changed. Choose exit to return the main program.

To change the serial communication port, select either COM1 or COM2 and then choose exit to return the main program.

Changing Controllers

To connect to either Traction, Steering (EPS) or Display use the quick connect tabs in the top left corner. These allow you to switch easily between the various controllers.

To connect to a non standard controller then choose “File”, “Controller“ and then “Other”. The following screen will now be displayed.

Enter the controller number you wish to connect to and then click “OK”. A new tab will appear “Other”. Use this to connect to this controller when required.

Using the “Reconnect” button will clear all the data loaded into the menus and is equivalent to clicking “Restart” in the file menu. Once connected to a truck use the quick connect tabs at the top.

Changing Parameter Values

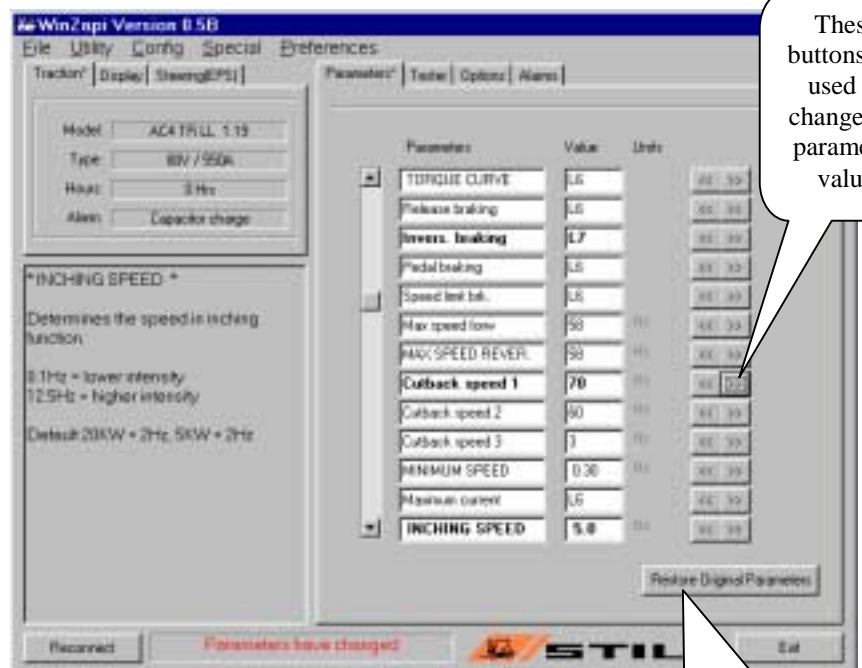
To modify a parameter value you must first connect to a controller as described before.

Once this is done use the “Get Parameters” button on the bottom left of the Parameters area. This will cause the computer to communicate with the controller and download all its Parameters. These will be displayed in the menu as shown below.

To change a parameters setting or value use the change buttons on the right. Once a parameter has been changed it will become highlighted and a restore button will appear.

Also the controller and menu will be marked with an asterisk to show that a parameter has been changed. Use this to restore all the changed parameters to the value they were at the start of the session. If whilst changing a parameter it loses it highlight and returns to normal then it is back at its original setting or value.

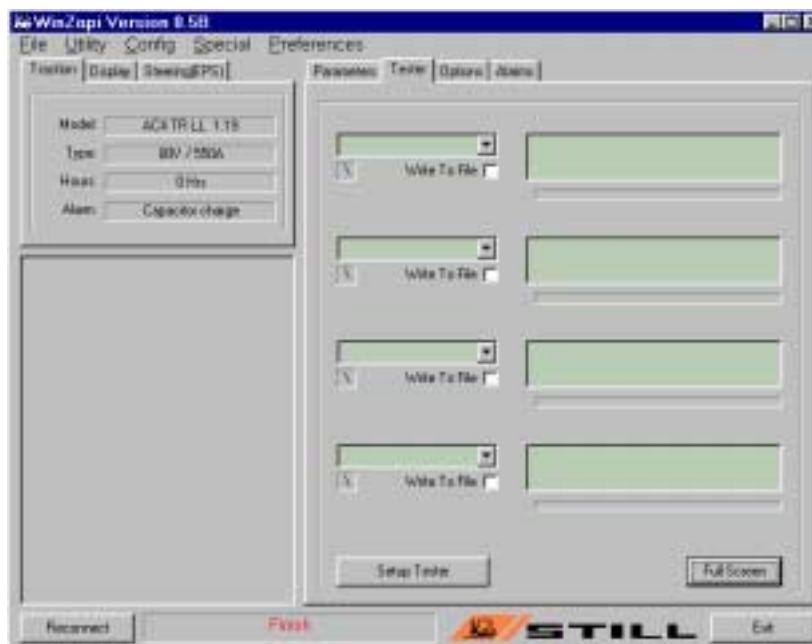
Note that a major difference to ZapiLink is that once a parameter has been altered it is automatically updated in the controller. The only way to return to the default parameters is to use the restore button.



These buttons are used to change the parameter value

Use this button to return parameter values to their starting value.

Using the Tester



To use the tester you must be connected to a controller. Click “Setup Tester” to load in the tester values. Once this has been completed use the drop down boxes to select which test you wish to run. WinZapi can run up to four tests at once, though the more tests being run the slower the refresh rate of the tests.

If “Write to file” is checked then the computer will save the values as a Comma Separated Value (csv) file to be viewed using Excel or another spreadsheet that supports this format.



Clicking the “Full Screen” button will display another window showing an enlarged readout of the tester values.

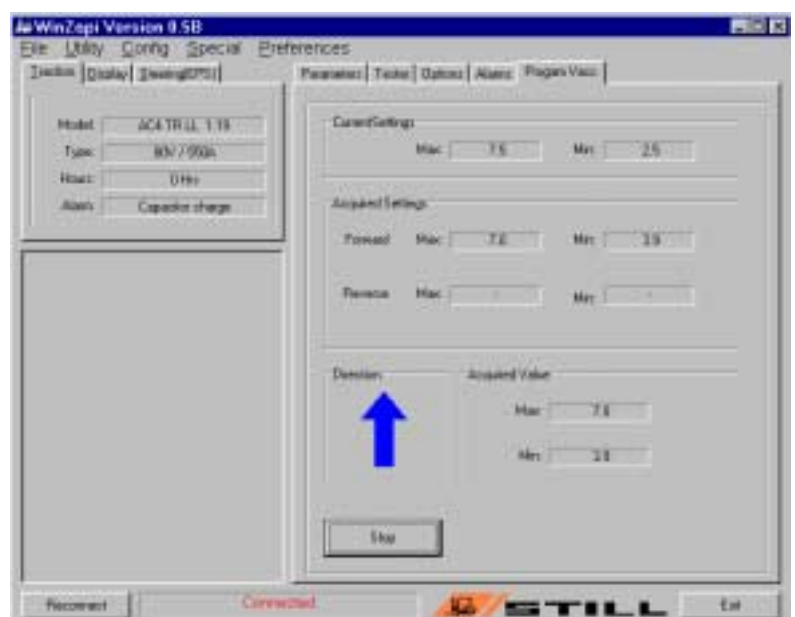
To get help on any of the items right click on them and it will be displayed in the help window.

Programming the Accelerator

Programming the accelerator can only be done whilst connected to a steering or traction unit.

To program the accelerator first choose “Utility” and then “Program Vacc” from the main menu. This will display the Program Vacc window. In the Program Vacc window click “Setup”. This will get the current settings from the controller and display them in the “Current Settings” area. To Acquire new settings click the “Acquire New Values” button.

The arrow will indicate which

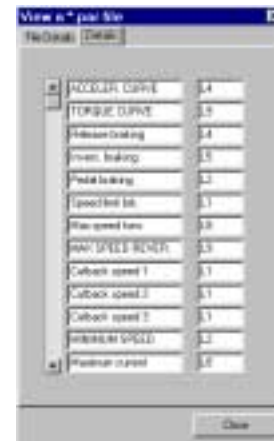


direction has been selected and the current acquired values are displayed in the “Acquired Settings” area.

Click “Stop” to stop acquiring values. A new button, “Set New Values” will now be displayed. Click this to save the acquired settings to the controller or “Acquire New Values” to get the values again.

Viewing a *.par file

Choose “File” and then “Browse” and then select the file you wish to view and click “Open”. The viewing window will now be displayed. Use the tabs at the top of the viewing window to switch between the file information and contents.



Setting Hour Meters

To set the hour meters you must be connected to a display. Choose “Utility” and then “Hour Meters” from the main menu. This will display the Hour Meters window. To view the current hour meters click “Get Hour Meters”. This will now display the hour meter values in the Hour Meters window.

Getting Help

Right Click on the parameter or alarm for an explanation to be displayed in the Help Window.

Loading a *.par file

To load a file into the controller, choose “File” and then “Restore”. Select the file you wish to load and click “Open”. The program will now load these parameters into the controller that it is currently connected to.

Getting Truck Details



This will display the controller details and the alarm logbook for the Traction, Steering and Display units on a truck. The computer must be connected to a truck to use this function.

Choose “File” and then “Truck Details”. The program now communicates with the truck for a short while and then displays the truck details window.

Click the “Save To File” to save the information as a text file.
Click “Close” to return to the main program.