

ADshow

***Supplementary Program for the
Real-Time Development Tool
ADbasic***

Version 1.0

June 1998

***Real-time processing, accurate to a microsecond
- quick and easy to program***

Table of contents

1	A brief overview	3
2	Calling the program	4
3	Menus and dialog boxes	5
3.1	The menu File	5
3.2	The menus Par, and FPar	7
3.3	The menu DATA	8

1 A brief overview

You receive the **ADshow** program together with **ADbasic 3.0**. **ADshow** is principally an extended version of the parameter window of **ADbasic**.

You can see the operating status and the delay values of all ten **ADbasic** processes in the main window of **ADshow**.

All 80 parameter variables and (if present) all 80 float parameters can be viewed and modified in additional windows. In a third window you can graphically display the values of a selectable data set.

2 Calling the program

- ♦ **ADshow** has automatically been installed after installation of **ADbasic**.: Directory C:\ADbasic3\ADshow.exe.

The main window will be opened. In this window the operation status and the delay values of all ten **ADbasic** processes are displayed.

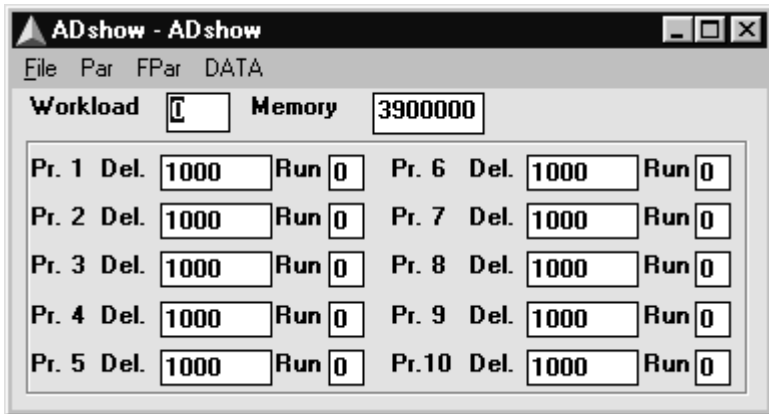


Fig. 2-1: The **ADshow**-main window

3 Menus and dialog boxes

3.1 The menu File



File ⇒ Options

With the menu **File** ⇒ **Options** you open a dialog box with the title 'Connect'.



Fig. 3-1: The dialog box Connect

With this dialog box you can access an **ADwin** system being located in any network server from **ADbasic** via an existing network (e.g. LAN, ISDN, Internet ...).

Please read in the **ADbasic** documentation, keyword "network operation", which settings have to be made, as well as in the supplementary program **ADserver**.

File ⇨ About ADshow

...displays the version of **ADshow**.

File ⇨ Exit

...terminates the program **ADshow**.

3.2 The menus Par, and FPar

If you work with the menus Par and FPar, you open a window (Parameter or FParameter) for monitoring or defining parameters.

Note: The window with the title FParameter for monitoring and defining floating point parameters can only be used when you have a T805 and ADSP21062 processor.

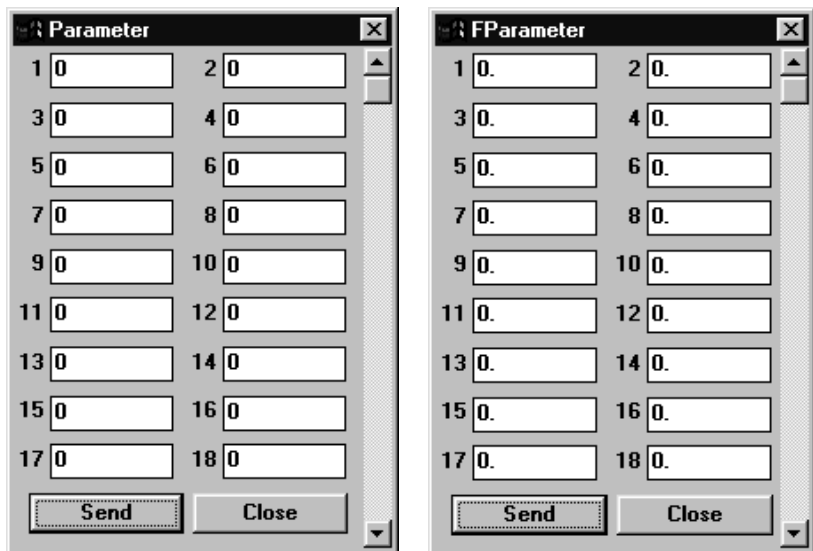


Fig. 3-14: The windows Parameter and FParameter

Both parameter windows are equipped with the buttons 'Send' (for sending the changed parameter(s)), and 'Close' (for closing the parameter window).

In order to have a look at all 80 parameter variables and (if present) all float parameters, you have to scroll with the scroll bar through each particular window.

3.3 The menu DATA

With the menu DATA you open a window with the same name. In this window the data set values are displayed graphically. Which data set will be graphically presented can be seen in the title bar of the window.

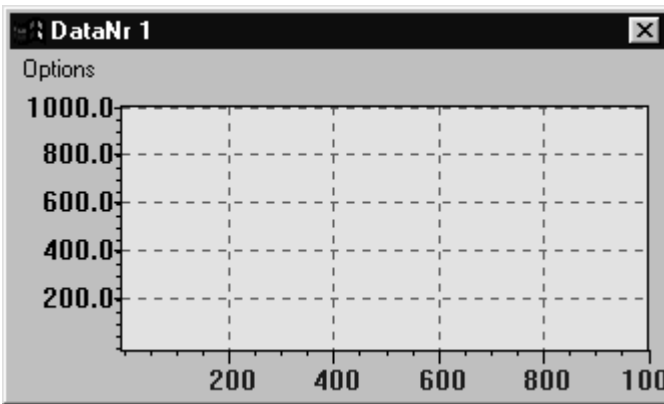


Fig.: 3-2: The window Data

With the menu Options a second dialog box with the title Dialog will be opened.

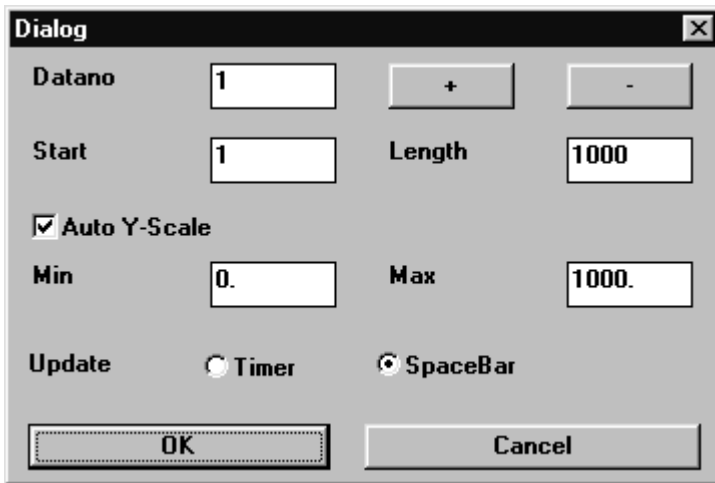


Fig. 3-3: The dialog box for scaling the graphic data set display

In the field 'Datano' you can select the number of the data set which should be graphically displayed. This is achieved by entering the data set number directly into the field or by clicking with the left mouse button on the "+" or "-" buttons, which are located on the same level as the field, until the number of the desired data set will appear in the field.

In the fields Start or Length you can select the starting point of the data set or the number of data to be displayed