

User's Guide

File Transfer Manager

Version 1.0

CASIO®

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Handling of CD-ROMs

- Never run CD-ROMs on an audio CD player, as this may damage your hearing or the speakers if the volume is set too loud.
- Store the CD-ROM in a place where it is safe from direct sunlight, extreme heat and extreme cold.
- Keep the surface of the CD-ROM free from scratches, finger prints, dust and dirt.
- Do not turn off the CD-ROM drive or remove the CD-ROM while the CD-ROM is being read by the computer.

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1 General Information

1.1 Introduction

The File Transfer Manager is a Program which you can use to install PV applications on your PV Unit. File Transfer Manager also allows you to transfer files from your PC to your PV Unit and vice versa. By doing this you can use File Transfer Manager to store backup copies of files from your PV Unit on your PC. Because File Transfer Manager makes all files on the PV Unit visible on the PC, data transfer between the PV Unit and your computer can be carried out quickly and easily.

1.2 The Legend for the Symbols Used

The following symbols are used in the User's Guide:

[...]	Button
" ... "	File name Folder name Drive Letter
' ... '	Menu An item on the menu A field or option in a dialog window
< ... >	Button on Keyboard

1.3 System requirements

To run the software you will need the following system configuration:

Operating system	RAM	Processor
Windows XP Home Edition/Professional	64MB	Pentium 233MHz
Windows Me	32MB	Pentium 150MHz
Windows 2000 Professional	64MB	Pentium 150MHz
Windows 98/98 Second Edition	24MB	Pentium 150MHz
Windows 95	16MB	Pentium 75MHz
Windows NT Workstation 4.0 (Service Pack 3 or later)	32MB	Pentium 150MHz

Further requirements:

- CD-ROM drive for software installation
- USB or 9pin COM Port (serial port)

Note

Proper operation using the USB cable is not guaranteed on a computer that has been upgraded from Windows 95. Also, proper operation is not guaranteed for all computers that satisfy the specified system requirements. When performing serial data communication using a computer's 9-pin COM Port, it is your responsibility to provide the required serial cable (SB-305).

2 Connecting the PV-S1600 to your PC


To find out how to operate the PV Unit, consult the User's Guide for the PV Unit.

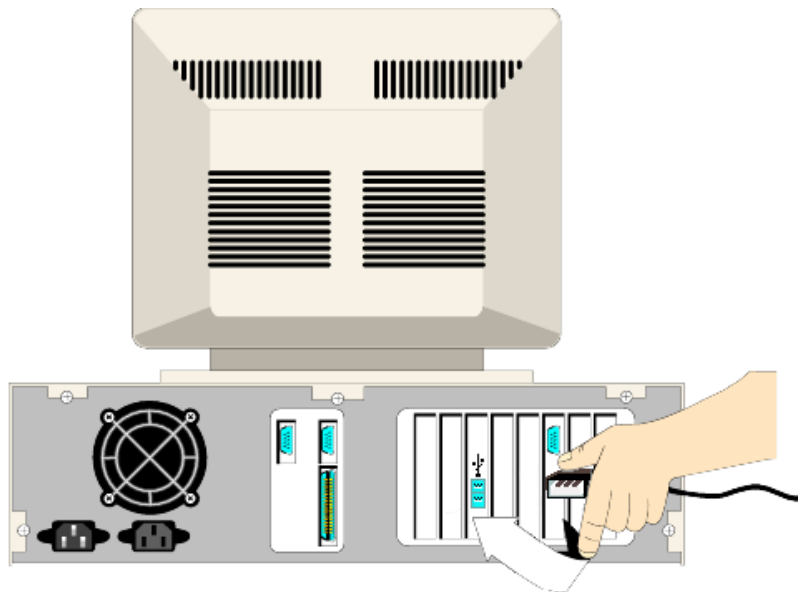
Important!

Be sure to turn off the power of both your PV Unit and computer before connecting them. Failure to do so can result in damage to the PV Unit, your computer, or the cable.

To connect the PV Unit to your PC, you can connect it either to a USB port or to a serial port.

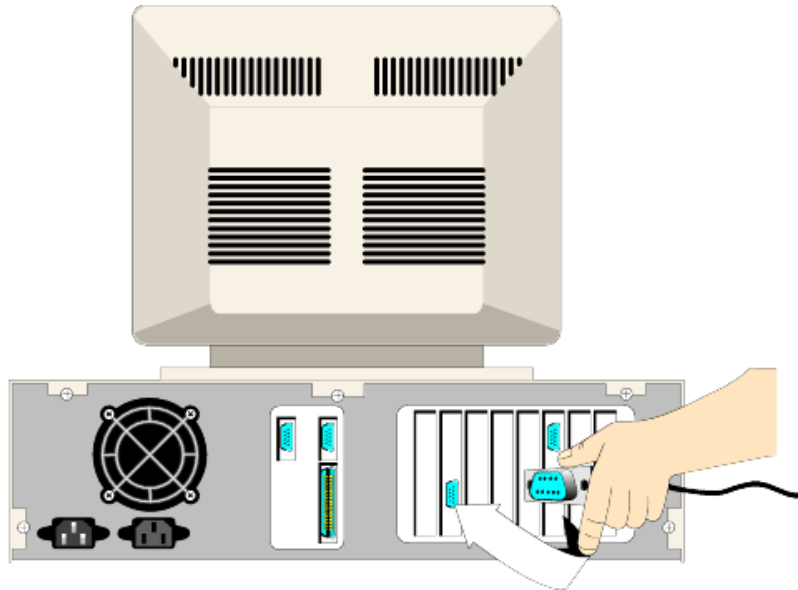
1. USB

Insert the cable of the PV Unit into the USB port. The USB is marked with the symbol  and / or with the abbreviation "USB".



2. Serial port

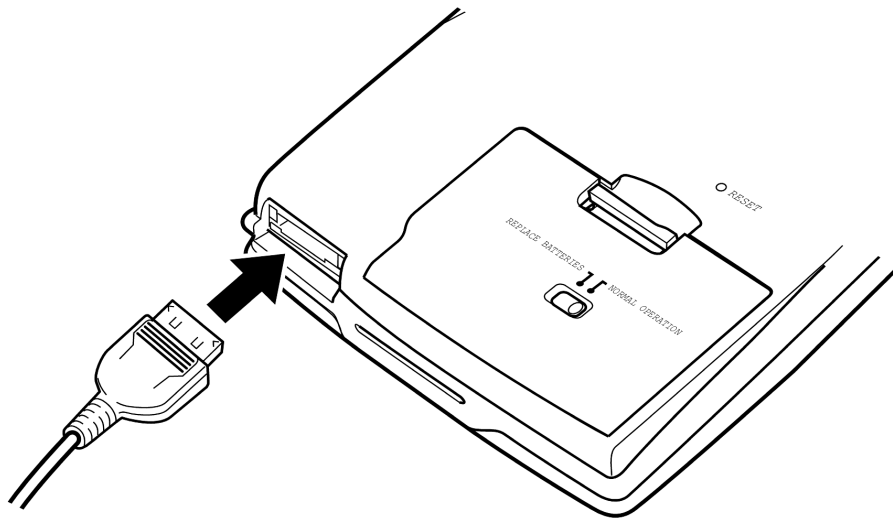
Plug the connector at the end of the cable into your computer's serial port (RS-232C). The serial port is normally labeled COM1, COM2, COM3, or COM4. If the serial port on your computer does not match the cable's connector, you need to purchase an adaptor. See the documentation that comes with your computer for details.



PV-S1600

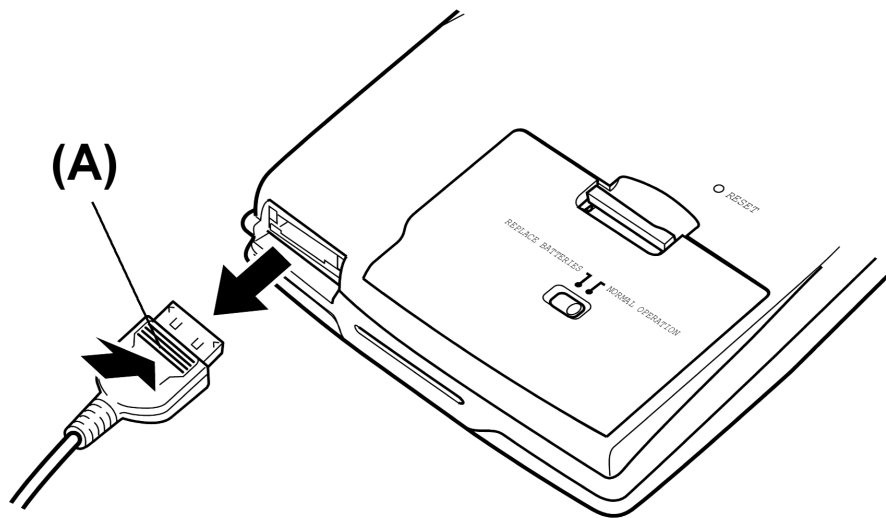
To connect the cable to the PV Unit:

1. Turn off PV Unit power.
2. Plug the cable into the cable connector at the bottom of the PV Unit as shown below.



To disconnect the cable from the PV Unit

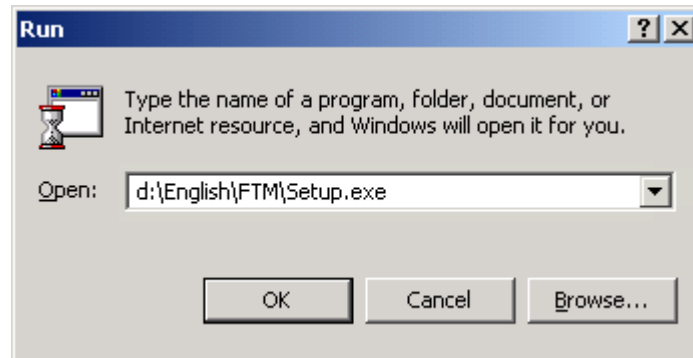
1. Turn off PV Unit power.
2. While pressing the release button indicated by (A) in the illustration below, disconnect the cable.



3 Installing the File Transfer Manager

Take the following steps to install the File Transfer Manager on your PC:

- Start Windows and put the CD into the CD-ROM drive.
- Select the command **'Run'** from the **'Start'** menu. Then enter **"d:\English\FTM\Setup.exe"** in the dialog window and confirm with **[OK]**.




In the graphic above, **"d:"** is the letter of the CD-ROM drives. If your CD-ROM drive has a different drive letter, enter this letter instead of **"d"**. If it is not possible to find the installation program in this directory, click **[Browse...]** and search for **"\FTM\Setup.exe"** on the CD-ROM.

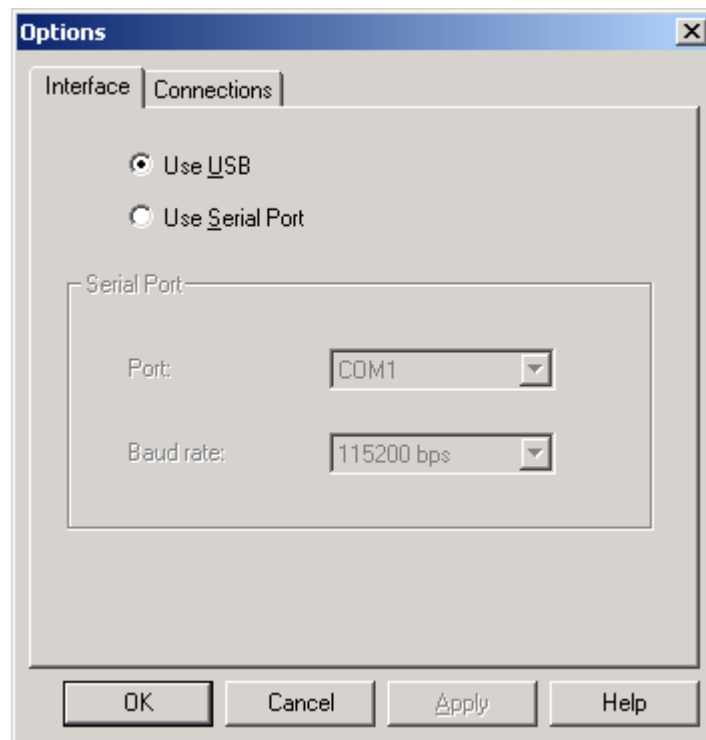
- If the installation program is on another data medium, also enter the complete path of the installation program (e. g.: **"c:\download\setup.exe"**).
- Then follow the instructions in the installation program.

4 Working with the File Transfer Manager

4.1 Settings

4.1.1 Setting the transfer parameters

To enable a data transfer between the PC and the PV Unit to take place, please first make the required settings. Select '**Options...**' from the '**Casio**' menu, or alternatively click on the  symbol on the toolbar. In both cases the following dialogue box should appear:



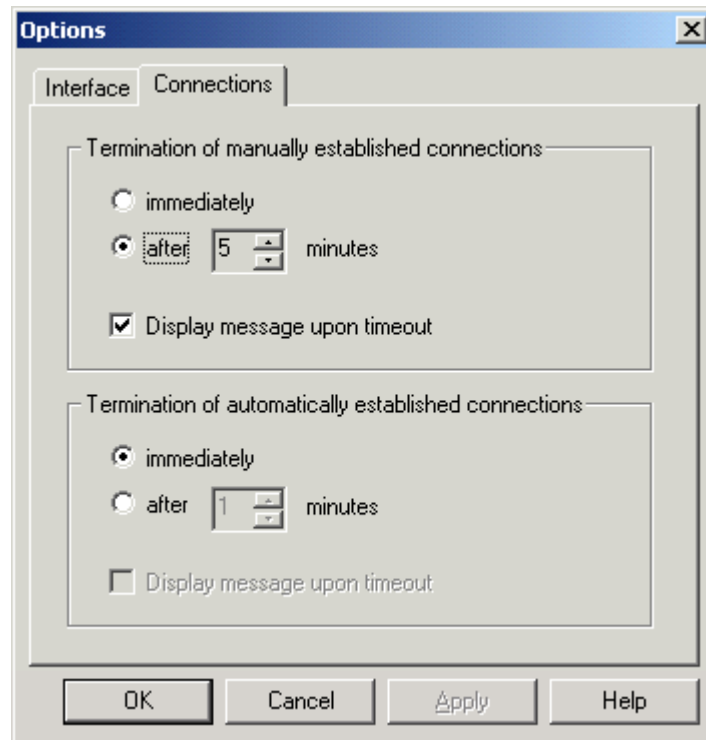
On the '**Interface**' tab you can specify at which port the PV Unit is connected to your PC. You can choose between [**Use USB**] and [**Use Serial Port**]. If you have connected your PV Unit to a serial port, select the correct port from the list, e.g. [**COM1**], and set the maximum speed in [**Baud rate**].

Note


If you are working with File Transfer Manager, your PV Unit should be connected to your PC.

4.1.2 Connection Settings


On the '**Connections**' tab, you can specify when the communication between File Transfer Manager and the PV Unit should be ended. A distinction is made between connections established "manually" and those established "automatically".



A manual connection occurs when you create a connection between your PC and the PV Unit yourself by doing one of the following things:

- clicking on the  symbol
- selecting '**Connect to CASIO**' from the '**Casio**' menu

If the communication between the PC and your PV Unit is brought about by File Transfer Manager, it is an automatically created connection. File Transfer Manager automatically creates a connection to the PV Unit if you do one of the following:

- click on the  symbol
- select '**Transfer File(s)**' from the '**Casio**' menu
- select '**Send to CASIO**' from the context menu in the view '**My Computer**'

- copy files from the view **'My Computer'** into the view **'CASIO PV-S1600'** using Drag & Drop
- copy files from Windows Explorer into the view **'CASIO PV-S1600'** using Drag & Drop

The possible settings are the same for both types of connection:

- If you select the option **'immediately'**, the connection between the PC and your PV Unit will be ended as soon as the data transfer is complete.
- However, if you activate the **'after ... minutes'** option, the connection between the PC and the PV Unit will be terminated only after the specified time has elapsed. Time spans of between 1 and 5 minutes can be set. If you want to be alerted when the connection between File Transfer Manager and the PV Unit has been terminated, activate the **'Display message upon timeout'** checkbox.

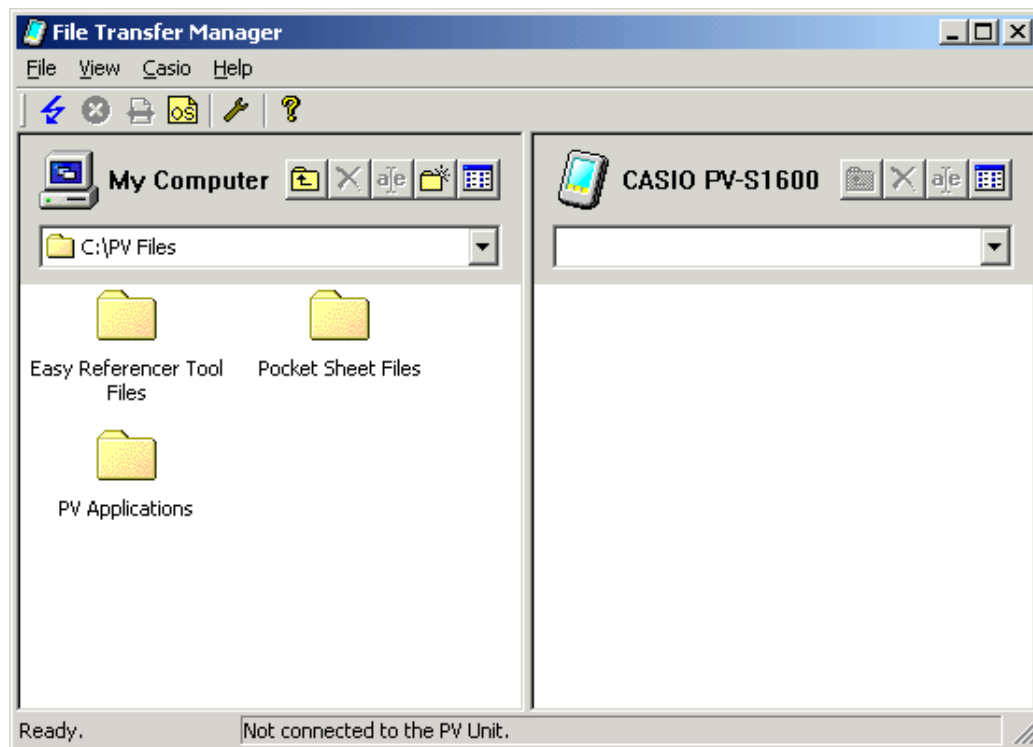
4.2 Structure of the user interface

The user interface of File Transfer Manager consists of two parts. On the left is the view '**My Computer**', on the right the view '**CASIO PV-S1600**'. The layout of both sides is based on that of Windows Explorer.

4.2.1 The view 'My Computer'

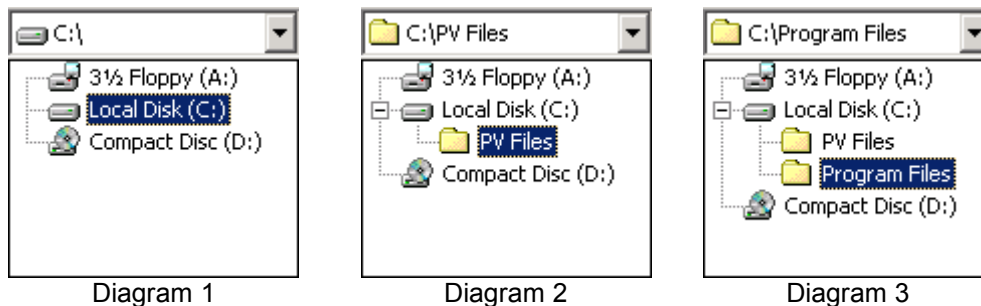
When you run File Transfer Manager, initially only the view '**My Computer**' will have any content. Immediately after opening File Transfer Manager, drive "**C:**" will be displayed in the path display. After the first time you have worked with File Transfer Manager, the last folder viewed will be shown in the path display when the program is opened again.

You can use the view '**My Computer**' to display all folders and files on your computer.



If you click on the arrow to the right of the path display, a display will open showing all drives of the PC. Select the required drive by clicking on it. The contents of the selected drive will then be displayed in the view '**My Computer**'. To view the contents of a specific folder, open the folder by double clicking on it. The contents of the folder will then be displayed in the view '**My Computer**'. As soon as you call up the content of a folder into the view '**My Computer**', this folder will be included in the display which can be opened via the arrow to the right of the path display. This allows you to switch quickly between folders you have already visited.

The diagrams below demonstrate the dynamic filling of this display:



After opening File Transfer Manager the contents of the display will be as shown in diagram 1. Because the folder **"PV Files"** was opened, it is added to the display which can be seen in diagram 2. Switching to the folder **"Program Files"** means that it too is listed in the display. This is shown in diagram 3. The path display always shows the path of the folder or drive currently open.

This chapter concludes with a description of the functions of the buttons available to you in the view **'My Computer'**. The keys you can use alternatively are listed in the "Key" column of the table below.

Key	Function

	Deletes the folder or file currently selected.
<F2>	Opens a dialog in which you can rename the currently selected folder or file.


	Opens a dialogue in which you can create a new folder.
	Opens a menu in which you can change the layout of the folders and files. You can choose between 'Large Icons' , 'Small Icons' , 'List' and 'Details' .

Note

Renaming and deleting folders directly affects Windows Explorer. Press **<F5>** to refresh the view **'My Computer'**.

All functions can also be accessed via a context menu which you can open by clicking with the right mouse button.

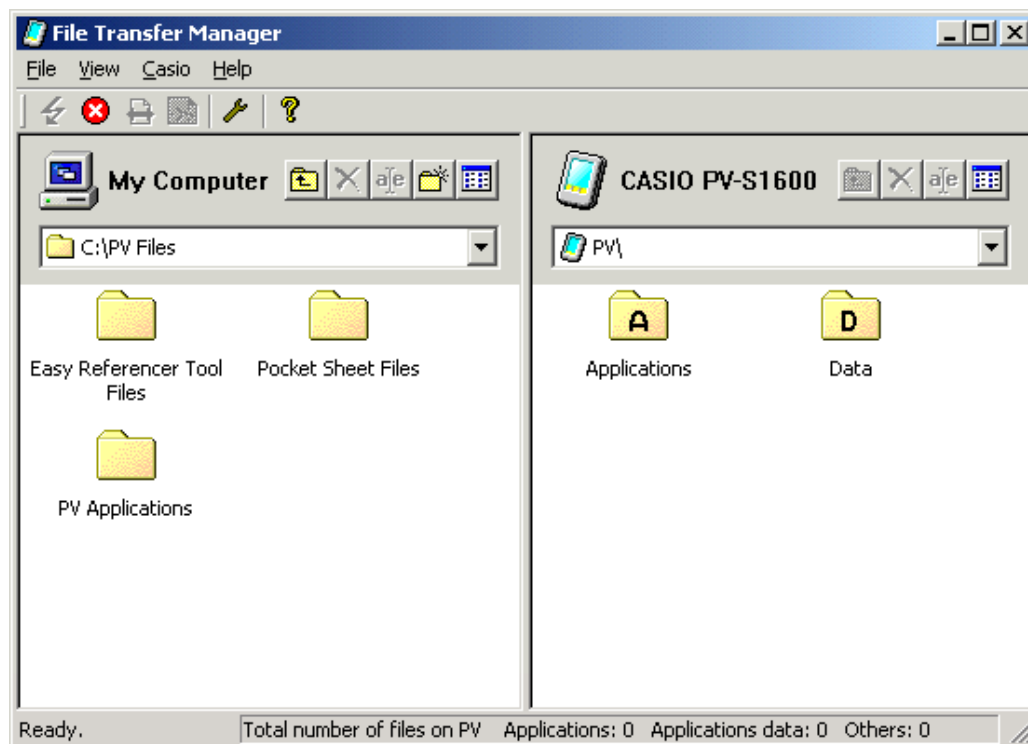
4.2.2 The view 'CASIO PV-S1600'

When File Transfer Manager is opened, the view '**CASIO PV-S1600**' is empty. The contents will be displayed as soon as a connection was established to a PV Unit. Select '**Connect to CASIO**' from the '**Casio**' menu. Alternatively, you can click on the  symbol on the toolbar. File Transfer Manager will then prompt you to establish a connection between your PC and the PV Unit. Then follow these steps on your PV Unit:

1. Switch to the main menu.
2. Tap the **[Menu Bar]** icon.
3. Select '**Transfer File**' from the '**Option**' menu.





The view '**CASIO PV-S1600**' shows all files and folders that are on the PV Unit. You can navigate between folders the same way as you can in Windows Explorer.

The view '**CASIO PV-S1600**' contains an '**Applications**' folder and a '**Data**' folder. The '**Applications**' folder contains the PV applications. Files which are not PV applications are put into the '**Data**' folder.



The folder currently open is shown in the path display. The arrow to the right of the path display allows you to open a display in which you can see all the folders on your PV Unit. The folder currently open is marked in blue.

Following is an explanation of the functions of the buttons which you can use in the view '**CASIO PV-S1600**'. The alternative keys you can use are listed in the "Key" column.

	Key	Function
	---	Brings you to the next highest level above the current folder.
		Deletes the file currently selected. The ' Applications ' folder and the ' Data ' folder cannot be deleted.
	<F2>	Opens a dialog in which you can rename the currently selected file. The ' Applications ' folder and the ' Data ' folder cannot be renamed.
	---	Opens a menu in which you can change the layout of the folders and files. You can choose between ' Large Icons ', ' Small Icons ', ' List ' and ' Details '.

Note

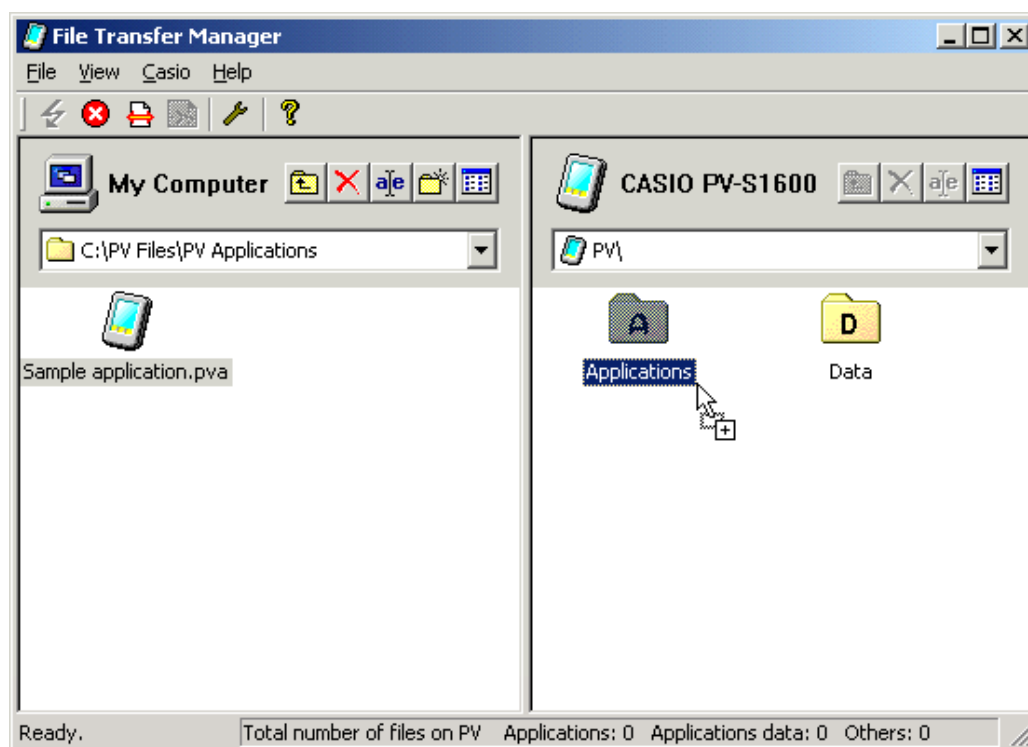
All functions can also be accessed via a context menu which you can call up by clicking with the right mouse button.

4.3 Installing a PV application


PV applications can be recognised by the file ending "**pva**". There are different ways to install a PV application on your PV Unit:

Drag & Drop

1. Mark the PV application to be installed in the view '**My Computer**'.
2. Drag the PV application into the view '**CASIO PV-S1600**' using the mouse and drop it into the '**Applications**' folder.



Symbol

1. Open the '**Applications**' folder in the view '**CASIO PV-S1600**'.
2. Select the PV application to be installed in the view '**My Computer**'.
3. Click on the  symbol on the File Transfer Manager toolbar. File Transfer Manager will then put the PV application into the '**Applications**' folder of the view '**CASIO PV-S1600**'.

'Casio' Menu

1. Open the '**Applications**' folder in the view '**CASIO PV-S1600**'.
2. Select the PV application to be installed in the view '**My Computer**'.
3. Select '**Transfer File(s)**' from the '**Casio**' menu. File Transfer Manager will then put the PV application into the '**Applications**' folder of the view '**CASIO PV-S1600**'.

Context menu

1. Open the '**Applications**' folder in the view '**CASIO PV-S1600**'.
2. Select the PV application to be installed in the view '**My Computer**'.
3. Right-click on the selected PV application to open the context menu. Select '**Send to CASIO**' from the menu. The PV application will then be put into the '**Applications**' folder of the view '**CASIO PV-S1600**'.

Note

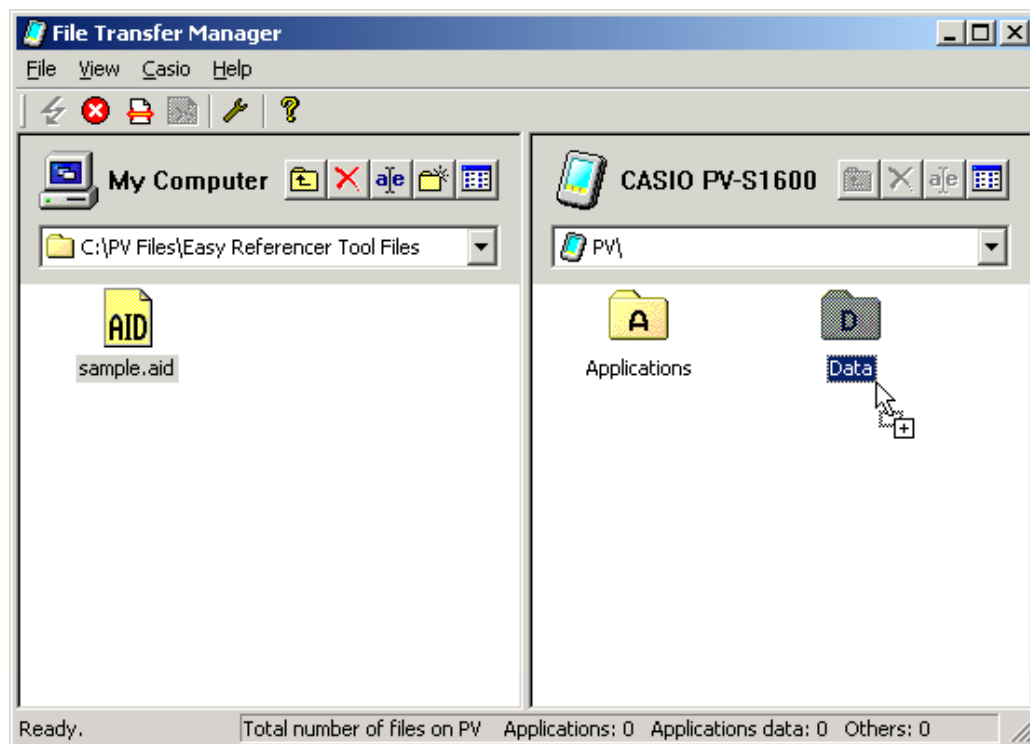
'*.pva' files can only be put in the '**Applications**' folder. You can install several PV applications simultaneously by selecting several '*.pva' files in the view '**My Computer**'. You can also copy the '*.pva' files into the '**Applications**' folder directly from Windows Explorer using drag & drop. If you double click on a '*.pva' file in Windows Explorer, File Transfer Manager is started automatically.

4.4 Sending files to the PV Unit


You can use File Transfer Manager not only for transferring PV applications from your PC to your PV Unit, but also for transferring other files (e.g. '*.aid' files, '*.txt' files etc.) from your PC to your PV Unit. Again, there are several ways of doing this:

Drag & Drop

1. Select the file to be transferred in the view **'My Computer'**.
2. Use the mouse to drag the file into the view **'CASIO PV-S1600'** and drop it into the **'Data'** folder.



Symbol

1. Open the **'Data'** folder in the view **'CASIO PV-S1600'**.
2. Select the file to be transferred in the view **'My Computer'**.
3. Click on the  symbol on the File Transfer Manager tool bar. File Transfer Manager will then put the file into the **'Data'** folder of the view **'CASIO PV-S1600'**.

'Casio' Menu

1. Open the **'Data'** folder in the view **'CASIO PV-S1600'**.
2. Select the file to be transferred in the view **'My Computer'**.
3. Select **'Transfer File(s)'** from the **'Casio'** menu. The file will then be put into the **'Data'** folder of the view **'CASIO PV-S1600'**

Context menu

1. Open the **'Data'** folder in the view **'CASIO PV-S1600'**.
2. Select the file to be transferred in the view **'My Computer'**.
3. Right-click on the selected file to open the context menu. Select **'Send to CASIO'** from the menu. The file will then be put into the **'Data'** folder of the view **'CASIO PV-S1600'**.

Note

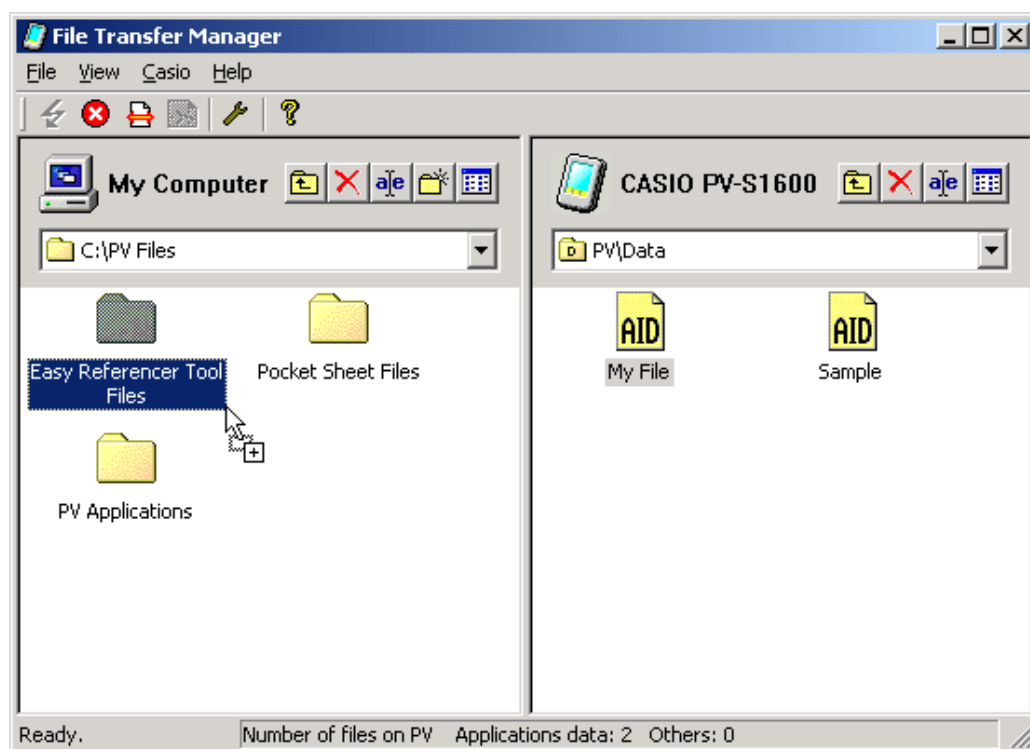
You can transfer several files at once by selecting several files in the view **'My Computer'**. You cannot put '*.pva' files in the **'Data'** folder. You can also copy the files directly into the **'Data'** folder from Windows Explorer using drag & drop. If you double click on an '*.aid' file in Windows Explorer, File Transfer Manager will start automatically.

4.5 Receiving files from the PV Unit


With the exception of '*.pva' files, all files on the PV Unit can be transferred to the PC. Once again you have several options:

Drag & Drop

1. Select the file in the view '**CASIO PV-S1600**'.
2. Use the mouse to drag the file into the view '**My Computer**' and drop it into the desired folder.



Symbol

1. Select the file to be transferred in the view '**CASIO PV-S1600**'.
2. Click on  symbol on the File Transfer Manager toolbar. File Transfer Manager will then drop the file into the folder currently open in the view '**My Computer**'.

'Casio' Menu

1. Select a file in the view '**CASIO PV-S1600**'.
2. Select '**Transfer File(s)**' from the '**Casio**' menu. File Transfer Manager will then drop the file into the folder currently open in the view '**My Computer**'.

Context menu

1. Select the file in the view '**CASIO PV-S1600**'.
2. Right-click on the selected file to open the context menu. Select '**Receive from CASIO**' from this menu. The file will be placed in the folder currently open in the view '**My Computer**'.

Note


You can transfer several files at once by selecting several files in the view '**CASIO PV-S1600**'.


4.6 Updating the operating system on your PV Unit

To update the operating system you require a certain '*.BIN' file, which you can download from the internet. See <http://world.casio.com/download/pv/> for further information

Note

Before you update the operating system you should backup the data on your PV Unit. You should do this by synchronizing your PV Unit with PC sync for Windows (is included with delivery of PV Unit).

The operating system of your PV Unit can only be updated when no communication is taking place between the PC and the PV Unit. If you have established a connection between the two then you should end it by selecting **'Disconnect from CASIO'** from the **'Casio'** menu. Alternatively, you can click on the  symbol on the toolbar.

To carry out an update of the operating system on your PV Unit, either select **'OS Update'** from the **'Casio'** menu or click on the  symbol on the toolbar. This will bring up a file selection dialogue entitled **'Open CASIO OS file'**. Select the appropriate '*.BIN' file here and confirm your selection with **[Open]**. A connection to the PV Unit will then be established automatically. The update of the operating system can be carried out on the PV Unit by following these Steps:

1. Switch on the PV Unit to the menu view by tapping the **[Menu]** icon below the display.
2. Select on the PV Unit the **[Menu Bar]** icon below the display.
3. Select on the PV Unit **'OS Update'** from the **'Option'** menu.
4. Confirm the appearing message on the PV Unit with **[Yes]**.