
PV Applications Manager

User's Guide

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Important!

- Keep this User's Guide in a safe place for future reference.

PV Applications Manager

PV Applications Manager is a utility that makes it easy to add and delete PV Applications* on your CASIO Pocket Viewer (except the PV-100, PV-200, PV-200A, and PV-400A)**. It also lets you back up and restore PV Application data files.

* You cannot use PV Applications Manager to delete built-in PV Applications.

** as of May 2000

Note

You can download PV Applications from the CASIO Website located at <http://www.casio.co.jp/English/download/pv/>.

Attention PV-250X and PV-450X Users!

Before you can use this software with a PV-250X or PV-450X, you must first update your Pocket Viewer's operating system. See "Updating the Pocket Viewer Operating System" on page 12 for details.

System Requirements

The following are minimum system requirements for running PV Applications Manager.

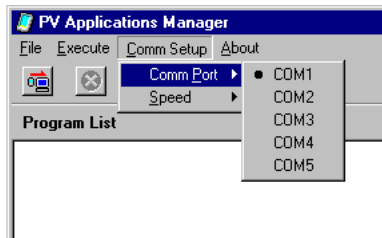
- Personal computer running Microsoft Windows 95 (Service Pack 1 or later), Windows 98, or Windows NT 4.0 (Service Pack 3 or later)
- CPU: Pentium 75 or higher processor
- Memory: At least 16MB
- Available Hard Disk Space: at least 10MB

Getting Ready

Before you can use PV Applications Manager, you must use the following procedures to establish a link between your Pocket Viewer and computer.

To establish a link between Pocket Viewer and your computer

1. Connect the Pocket Viewer cradle cable to the serial port (RS-232C) of your computer.
 - If the cable's connector does not fit into your computer's serial port, you need to purchase an adapter. See the documentation that comes with your computer for details.
2. Place the Pocket Viewer onto the cradle.
 - See "Using the Cradle" in your Pocket Viewer User's Guide for more information.
3. On your computer, double click the PVM.EXE file to start up PV Applications Manager.
 - Double-click the PVM.EXE file.
4. On the PV Applications Manager **Com Setup** menu, click **Comm Port**, and then select the serial port where the cradle is connected.



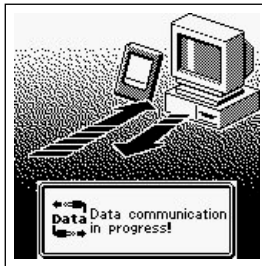
- To set the data communication speed, click **Com Setup** and then **Speed**. Next, select the speed you want on the sub-menu that appears. The initial default setting is 38400 bps.
- Setting a higher speed makes data transfer between your computer and PV Unit faster, but it also can increase the possibility of communication errors with some computers. Experiment with different speeds until you find the one that works best for you.

Installing a PV Application on Pocket Viewer

You can install a PV Application on Pocket Viewer using drag and drop, the buttons along the top of the PV Applications Manager window, or menu commands.

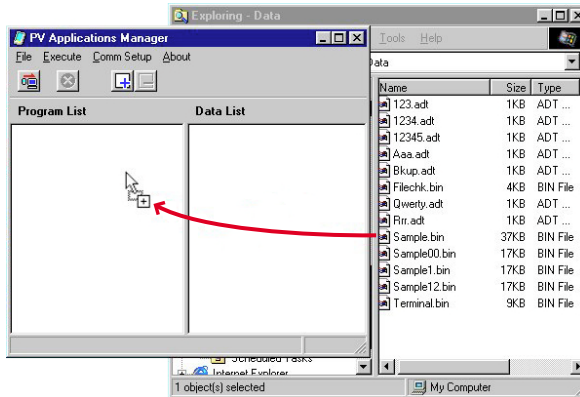
To install a PV Application using drag and drop

1. Perform the procedure under “To establish a link between Pocket Viewer and your computer.”
2. On Pocket Viewer, tap **Menu – Menu Bar – Option – Download** to enter PV Application download standby.

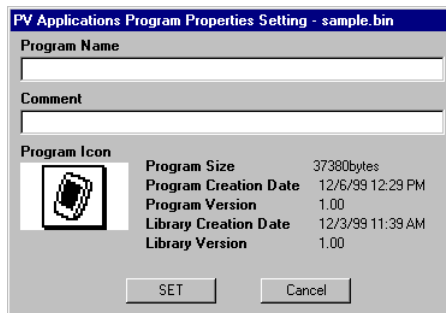


3. On your computer, use Windows Explorer to select the PV Application you want to install.

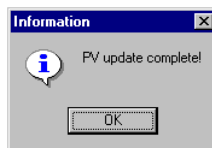
- On your computer, drag the PV Application from Windows Explorer to the **Program List** area of the PV Applications Manager window.



- This causes the dialog box shown below to appear.









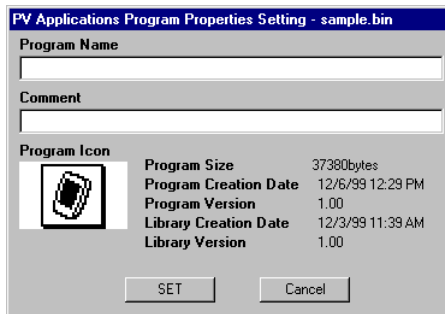
- Make any changes you want in the **Program Name** and **Comment** data, and then click the **SET** button to install the PV Application.




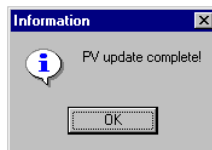
- Click **OK** to clear the dialog box.

To install a PV Application using button operations

1. Perform the procedure under “To establish a link between Pocket Viewer and your computer.”
2. On your computer, click the  button.
 - Your computer reads Pocket Viewer memory contents and updates the PV Applications Manager window **Program List** and **Data List** contents accordingly.
 - To interrupt communication between your computer and Pocket Viewer, click the  button.
 - Instead of clicking the  button, you could click the **Execute** menu and then **Import from PV** or **Update PV**.
 - Instead of clicking the  button, you could click the **Execute** menu and then **Abort**. This causes a warning message dialog box to appear. Click the **OK** button to close the dialog box.
3. Click the  button at the top of the PV Applications Manager window to display a dialog box for selecting a PV Application file.
 - Instead of clicking , you could right-click inside the **Program List** area and then select **Add File** from the context menu that appears.
4. Select the application file you want to install on Pocket Viewer, and then click **Open**.
 - This causes the dialog box shown below to appear.



5. Make any changes you want in the **Program Name** and **Comment** data, and then click the **SET** button and click  button to install the PV Application.



6. Click **OK** to clear the dialog box.




Copying PV Application Data from Your Computer to Pocket Viewer

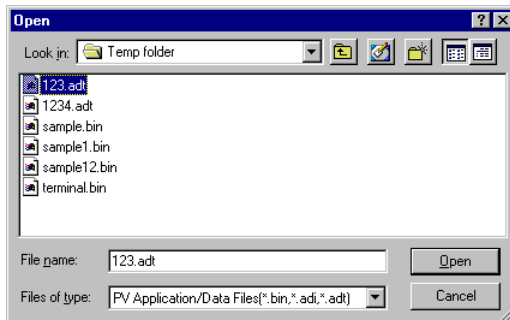
The data copy operation is very similar to the PV Application installation procedure. You can copy data using drag and drop, the buttons along the top of the PV Applications Manager window, or menu commands.



To copy PV Application data using drag and drop

1. Perform the procedure under “To establish a link between Pocket Viewer and your computer.”
2. On Pocket Viewer, tap **Menu – Menu Bar – Option – Download** to enter PV Application download standby.
3. On your computer, use Windows Explorer to select the PV Application data you want to copy.
4. On your computer, drag the PV Application from Windows Explorer to the **Data List** area of the PV Applications Manager window.

To copy PV Application data using button operations

1. Perform the procedure under “To establish a link between Pocket Viewer and your computer.”
2. On your computer, click the  button.
 - Your computer reads Pocket Viewer memory contents and updates the PV Applications Manager window **Program List** and **Data List** contents accordingly.
 - Instead of clicking the  button, you could click the **Execute** menu and then **Import from PV** or **Update PV**.
3. Click the  button at the top of the PV Applications Manager window to display a dialog box for selecting a data file.








- Instead of clicking , you could right-click inside the **Data List** area and then select **Add File** from the context menu that appears.
4. Select the data file you want to transfer to Pocket Viewer, and then click **Open** and click  button to start transfer of the data file.
 5. Click **OK** to clear the dialog box.

Deleting PV Applications and Data

The following procedure can be used to uninstall (delete) a PV Application and to delete a PV Application data file.

To delete a PV Application or data file

1. Perform the procedure under “To establish a link between Pocket Viewer and your computer.”
2. On your computer, click the  button.
 - Your computer reads Pocket Viewer memory contents and updates the PV Applications Manager window **Program List** and **Data List** contents accordingly.
 - Instead of clicking the  button, you could click the **Execute** menu and then **Import from PV** or **Update PV**.
3. Click the PV Application (**Program List**) or data file (**Data List**) you want to delete so it is highlighted.
4. Click the  button.
 - Instead of clicking , you could right-click and then select **Delete File** from the context menu that appears.
5. Click **OK** to close the confirmation dialog box.
6. Click the  button to start the delete operation.


Backing Up and Restoring Data

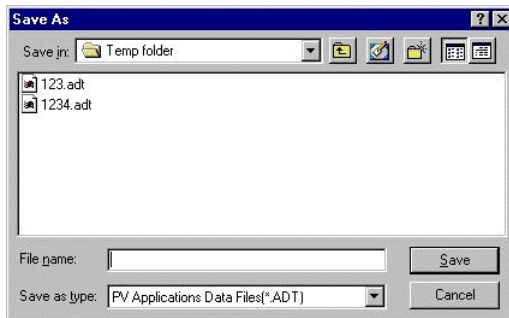
You can create back up copies of PV Application data files on your computer to protect against unintended loss of data. You can restore data from a backed up file whenever necessary.

Important!

- This procedure is good for backing up single data files. Back up and restore can take a long time when there is a large volume of data in memory. In such cases, it is better to use PC sync to perform a back up.
- Make sure you periodically use PC sync to back up important data.

To back up a PV Application data file

1. Perform the procedure under “To establish a link between Pocket Viewer and your computer.”
2. On your computer, click the  button.
 - Your computer reads Pocket Viewer memory contents and updates the PV Applications Manager window **Program List** and **Data List** contents accordingly.
3. In the **Data List**, click the PV Application you want to back up so it is highlighted.
 - You can back up one data file at a time.
4. Right-click inside the **Data List** area and then select **Backup** from the context menu that appears.



5. Assign a name to the backup file, and then click **Save** to save the data.
6. Click **OK** to clear the dialog box.

To restore a data file

Use the procedure under “Copying PV Application Data from Your Computer to Pocket Viewer” to restore a data file.

Updating the Pocket Viewer Operating System

Users of the PV-250X and PV-450X need to perform the following procedure before using PV Applications Manager for the first time.

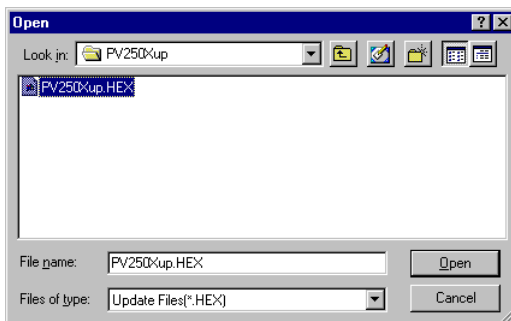
To update the Pocket Viewer operating system

1. Replace the batteries of your PV Unit with a fresh set.
2. Connect the Pocket Viewer cradle cable to the serial port (RS-232C) of your computer.
3. Place the Pocket Viewer onto the cradle.
4. Use the PC sync for Windows application that comes with your PV Unit to back up the data in your PV Unit's memory.
 - After the back up procedure is complete, quit PC sync for Windows.

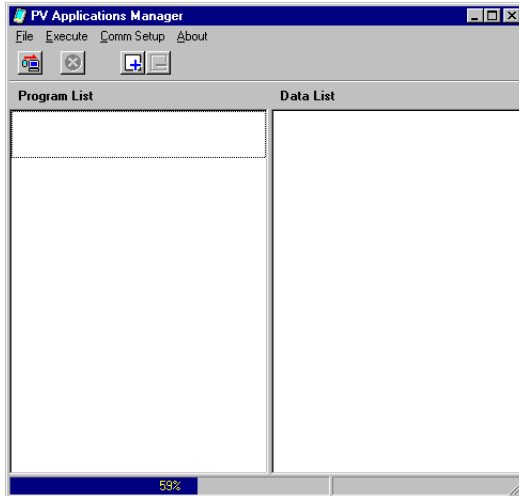
Important!

- Be sure you perform this step. Failure to back up risks permanent, unrecoverable loss of the data.

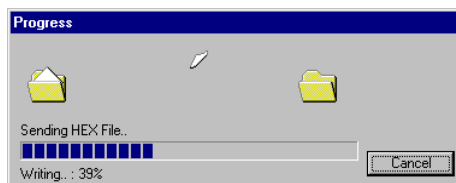
5. On your computer, start up PV Applications Manager.
6. In PV Applications Manager, click the **Execute** menu and then **OS Update** to display a dialog box for selecting the operating system update file.



7. Select the update file and then click **Open** to load the file.
 - The progress of the load operation is indicated in the bar along the bottom of the PV Applications Manager window.



- A message dialog box appears to let you know when file loading is complete.
8. Perform the following steps on your PV Unit.
 1. Tap **Scheduler** → **Tools** – [Calculator icon] to display the calculator.
 2. If **M** is displayed on the left side of the calculator display, tap **MC** to clear it.
 3. Input the following numbers on the calculator: 19010203
 4. Tap **M+** so **M** is displayed on the left side of the calculator display.
 5. Tap **Menu, Esc, Menu, Esc, Menu, Esc, Menu**.
 6. Keep tapping **Menu, Esc** until the message **TEST PROGRAM** appears on the display. When it does, continue with step 9, below.
 9. To start the actual update procedure, click **OK** on your computer screen and then tap the Pocket Viewer screen once.







- A message dialog box appears to let you know when system updating is complete.

10. Click **OK** to close the dialog box.
11. At this time, the touch screen calibration screen should be on the PV Unit display.
Perform touch screen calibration.
12. Adjust display contrast.
13. In response to the reset confirmation message that appears, tap **No**.
14. Tap **OK**.
15. If necessary, start up PC sync for Windows on your computer and restore the data you backed up in step 4.

On-screen Button Reference

The following describes the function of each of the PV Applications Manager on-screen buttons.

Button	Name	Description
	Synchronize/Fix	<ul style="list-style-type: none">• Reads Pocket Viewer memory contents and updates the PV Applications Manager window Program List and Data List contents.
	Quit	<ul style="list-style-type: none">• Unlinks with Pocket Viewer.
	Add Program or Data	<ul style="list-style-type: none">• Displays a dialog box for selection of a PV Application or data file to download it to Pocket Viewer memory.
	Delete Program or Data	<ul style="list-style-type: none">• Deletes the PV Application or data file whose name is highlighted in the Program List or Data List.