

**SHARP®**

# **Backup/Restore application (for use with a PC)**

**OPERATION MANUAL  
for  
the SL-5600**

## Conditions for Using the Backup/Restore Application Software

Sharp Corporation (hereafter referred to as Sharp), under the following conditions, grants the customer a non-exclusive license to use the Sharp original software for PCs, called the Backup/Restore application software (hereafter referred to as this software), that accompanies this product. Use of the software by the customer indicates agreement to the following conditions:

- 1.** Sharp will make no compensation for damages to the customer caused by the use of this software, except for compensation required by law.
- 2.** Sharp may change the specifications of this software at any time without advance notice.

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- This manual uses the following substitute expressions:  
“SL-5600” → “device”
  - The information and screens provided in this manual are subject to change without notice.

# About Backup and Restore

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Data may be lost or altered in virtually any electronic memory product under certain circumstances. Always backup important data regularly to your PC or an expansion memory card. The Backup/Restore application software can be used to backup or restore the data stored in the Internal Flash memory of your device as well as any software you have installed, between your device and PC.

This document will explain how to backup and restore data and programs.

## **Caution:**

- *Be sure to exit out of all applications before performing the backup and restore process.*
- *The Security passcode will also be backed up and restored. After having restored backup files you will need to enter the passcode that had been set at the time the backup was performed (if you changed the passcode after performing the backup, you will need to use the previous passcode from prior to the backup). Therefore, before you start the backup operations, be sure to remember the passcode.*

## **Note:**

- *When you have set or changed the Security passcode on your device, enter and save the same passcode on the “Zaurus Manager” screen (see pages 4 and 5). Otherwise you will be asked for the passcode every time communication between the device and your PC is initiated.*
- *If you changed the method of connection in the “PC Link” application on your device, also change the setting on the “Zaurus Manager” screen to the same method as on the device (see pages 4 and 5). Otherwise communication between the device and your PC will not be performed.*
- *While performing a backup or restore, do not perform any operations on the device, do not turn off the power, or do not remove it from the Docking Station.*
- *When performing a backup or restore, the AC adapter must be connected.*
- *A file that has a space at the beginning of the file name cannot be backed up onto the PC.*
- *Internal Flash memory data can also be backed up to an expansion memory card (CF or SD/MMC memory cards) sold separately. The expansion memory cards will hold data without using the battery. For more information on backing up onto expansion memory cards, see the Chapter, “Backup/Restore (Using memory card)” in the separate Operation Manual.*

# Installation

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Before performing a backup or restore, the Backup/Restore application software and USB drivers must be installed. If they are already installed, see the next page. If they are not installed, see the separate Start-up Guide for instruction on installation.

The rest of this manual will explain the instructions assuming the Backup/Restore application software and USB drivers are already installed.

To connect the device to your PC, see the separate Start-up Guide and use the supplied Docking Station.

# Zaurus Manager Setting

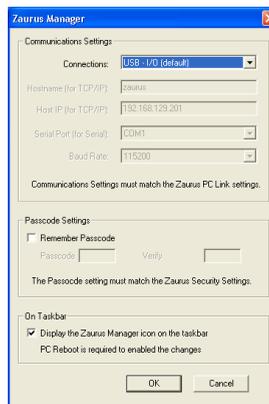
**When you have not set (changed) the passcode nor changed the method of connection with the device, reading this section is unnecessary. Change this setting, only when necessary.**

The procedures for setting up applications for communication between the device and your PC (Zaurus File Transfer, Backup/Restore, Intellisync for Zaurus, Qtopia Desktop for Zaurus, etc.) must be set up properly for communication.

- When you have set or changed the Security passcode on your device, enter and save the same passcode on this Zaurus Manager screen. Otherwise you will be asked for the passcode every time communication between the device and your PC is initiated.
- If you changed the method of connection in the PC Link setting on your device, change the following setting to the same method as on the device. Otherwise communication between the device and your PC will not be performed.

**Confirm the Zaurus Manager setting contents according to the following instructions and change them as required.**

- 1.** Turn off the power on the device, connect it to the PC (see the separate Start-up Guide), then turn the power back on again. Wait for a few moments (approx. 15 seconds).
- 2.** On your PC, click the Start menu, then (All) Programs → Sharp Zaurus 2 → Zaurus Manager.  
(Or right-click the Zaurus Manager icon  in the Windows system tray and select “Zaurus Manager” from the menu.)  
The Zaurus Manager screen will appear.



- 3.** Confirm the **Communication Settings**.  
This will set the method of connection with the device.

USB - I/O (default)	Select "USB - I/O (default)" to set the communication to the USB connection with the Docking Station.
USB - TCP/IP (advanced)	For future function expansion. (The following name and IP Address columns apply when this method has been selected.)
Serial	Select "Serial" to set the communication to the serial connection. (Optional Serial Cable CE-170TS is required.) In this case, it is necessary to set the port and baud rate. <b>Port:</b> The default setting is "COM1". Select a COM port that does not conflict with others. <b>Baud Rate:</b> The default setting is "115200". Lower the baud rate if the number of communication errors is excessive.

**Note:**

- On the device, use the following steps to check or change the PC Link Settings. For Details, see the separate Operation Manual.
  1. On the Settings Home screen, tap the PC Link icon.  
The PC Link screen will appear.
  2. Select "USB - I/O (default)" or "Serial" to change the setting to the same method as on the Zaurus Manager screen, when necessary.

**4. Confirm the Passcode Settings.**

When communication between the device and the PC is initiated, verification of both passcodes on the device and the PC will be made. Communication will start when the passcodes match.

Perform the settings on this screen according to the following instructions.

1. Check the "Remember Passcode".
2. Enter the same passcode as that on the device to both the input spaces.
  - When a passcode has not been set on the Zaurus Manager screen, the screen for passcode input will be displayed every time communication is initiated. When the passcode is entered on that screen, communication will be initiated.
  - When a passcode has not been set on the device, do not check the "Remember Passcode" on the Zaurus Manager screen.

**5. Confirm the Resident Setting on the taskbar.**

Set whether or not the Zaurus Manager icon  is to be displayed (resident) in the Windows system tray. (The default setting is checked.)

This check is required to start synchronization for Intellisync for Zaurus or Qtopia Desktop for Zaurus using the Docking Station SYNC button or the Sync Start button of the device.

- Residence of the  icon is not required for execution of Zaurus File Transfer or Backup/Restore. To cancel the  icon residency temporarily, right-click the  icon and then click "Exit" from the menu. (However, after a reboot, the icon will be displayed again.) To cancel the residency continuously, check off this box and reboot the PC.

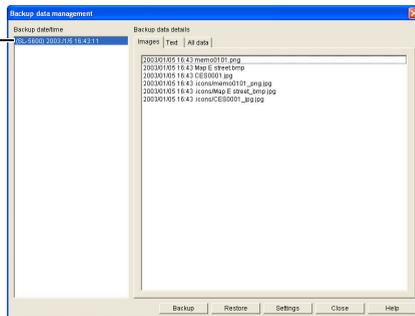
**6. Confirm the above setting contents and click "OK".**

# Backing Up Data

1. Turn off the power on the device, connect it to the PC (see the separate Start-up Guide), then turn the power back on again. Wait for a few moments (approx. 15 seconds).
2. Click the Start Menu, then (All) Programs → Sharp Zaurus 2 → Backup and Restore → Backup and Restore. (Or double-click the  icon created on the desktop of the PC.)

The “Backup data management” screen will be displayed.

Each portion of backed up data displays the model, date (year/month/day), and time (hour:minute:second) of backup.



3. Click “Backup” at the bottom of the screen, then click “OK”.

A message box displaying “Backing up” will appear on the PC, and the device data will be backed up onto the PC.

4. When the backup is finished, the message box will disappear.

The backed up data will be added into the left “Backup date/time” list.

The backed up data will be saved in the folder specified with “Save to directory” on the “Settings” screen (see page 9).

**To stop a backup in progress, click “Cancel”.**

### Note:

- Do not delete the backed up data. If it is deleted, it is impossible to perform a restore (see page 7).
- Backup may not be executed when the available memory space on the Internal Flash is less than approx. 1.5MB. If this occurs, delete unnecessary files and open enough memory space, then try again.

# Restoring the Backed Up Data

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## **Caution:**

- *Restoring backup files will overwrite all files and the Security passcode.*

- 1.** Display the “Backup data management” screen (see steps 1 and 2 on page 6).
- 2.** Click and select the backed up data to be restored from the left “Backup date/ time” list (the name shows the model, year, month, day, hour, minute, and second).
- 3.** Click “Restore” at the bottom of the screen.

A confirmation message box will appear on the display.

- If you click “Yes” on the message box, a backup of the current contents of the Internal Flash memory will be performed before the restore operation begins. After that backup is completed, the restore will begin.
  - If you click “No”, the restore will begin immediately.
- 4.** The device will be initialized automatically, and the selected backed up data will be restored onto the device.

A message box displaying “Restoring...” will appear. When the restore is finished, the message box will close. The Set System Time screen will be displayed on the device.

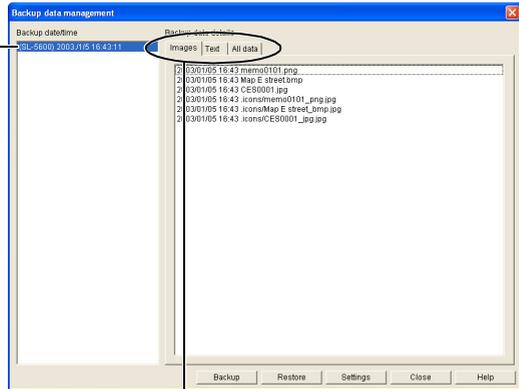
## **Note:**

- *About backed up data shown on the “Backup data management” screen, see the note on page 9.*
- *Backed up data cannot be restored on the other models than the device (SL-5600).*

# Opening or Deleting the Backed Up Data

1. Display the “Backup data management” screen (see steps 1 and 2 on page 6).

Each portion of backed up data displays the model, date (year/month/day), and time (hour:minute:second) of backup.



Clicking any of the tabs will display a list of files with backed up data. The “Images” tab will display the data in the “Image\_Files” folder; The “Text” tab will display the data in the “Text\_Files” folder; The “All data” tab will display a list of all the data.

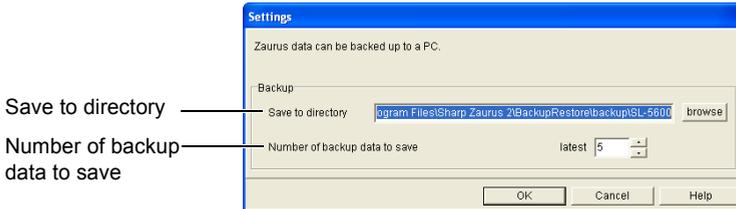
2. Open or delete the desired backup data.

- Right-click the data in the left “Backup date/time” list and select “Open” or “Delete” from the popup menu. If “Open” is selected, the folder of the data will be opened. If “Delete” is selected, a confirmation message box asking if you are sure to delete the data will appear.
- Right-click the file in the right “Backup data details” list and select “Open” from the popup menu. The selected file will be opened in an application associated with it.

# Settings

1. Display the “Backup data management” screen (see steps 1 and 2 on page 6).
2. Click “Settings” on the screen.

The “Settings” screen will be displayed.



Save to directory

Will set the save location on the PC for backed up data. When a backup is performed, a folder named with the date and time will be automatically created within the folder set here, and the backed up data will be saved there.

Number of backup data to save

When a backup is performed, this will set the maximum number of backups to be saved on the PC. The backup data will be cleared from the oldest.

3. When finished changing the settings, click “OK”.

## **Note:**

- *Backed up data shown on the “Backup data management” screen are those saved on the folder specified on the “Settings” screen (“Save to directory”). After having changed the folder, to restore data in the former folder, return the specified folder to the former one beforehand. Otherwise the data you want to restore will not be shown on the “Backup data management” screen.*

# Uninstallation

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If it becomes necessary, the Backup/Restore application can be uninstalled. (To add this application again, see the separate Start-up Guide.)

The uninstall operation below is explained for use with Windows XP, if you are using a different OS, uninstall by using “Add/Remove Programs” from Control Panel.

- 1.** Close all the applications installed from the supplied CD-ROM onto the device. Right-click the  icon in the Windows system tray and then click “Exit” from the menu.
- 2.** Click the Start menu, then click Control Panel. The Control Panel window will open.
- 3.** Click “Add or Remove Programs”.
- 4.** Select “Sharp Zaurus Software”.
- 5.** Click the “Change/Remove” button. Confirm the displayed message box and click the “OK” button.
- 6.** Select “Modify” and then click the “Next” button.

**Note:**

*If you select “Remove” in step 6, not only this application but all the applications you have installed from the supplied CD-ROM onto the device will be uninstalled.*

- 7.** Select the same method of connection as you have selected at installation, then click the “Next” button.
- 8.** Remove the check mark of “Backup and Restore” and then click the “Next” button. The Backup/Restore application will be uninstalled. Follow the instructions on the screen and complete the process.