

USB 2.0 Mobile Disk

User Manual

K21/K24/M24

Chapter 1: Installation

1. Key Components of USB2.0 Mobile Disk

1) Mobile Disk III:



2) Mobile Disk IV :



3) Mobile Disk Z4:



- a. **USB Connector:** USB “A” interface to connect to the USB v2.0 port of the computer. (Item: 1)
- b. **Write-Protect Switch:** Switching “ON” position, the device will be altered to “READ-ONLY” mode to prevent any “write” to the device. (Item: 2)
- c. **Operation Status LED:** Indicates the operation status of the USB2.0 Mobile Disk. (Item: 3)

2. System Requirements:

- a. The following system requirements are mandatory to install and operate the USB2.0 Mobile Disk.
- b. **Operating Systems:**
 - i) Windows® 98 Second Edition, Windows® ME, Windows® 2000 SP4, and Windows® XP.
 - ii) Linux 2.4 or above.
 - iii) Mac OS 10.1 or above.
- c. **Interface:** USB v2.0 port (With USB v1.1 port ,it will function at v1.1 performance specifications)
- d. **Free Hard Disk Space:** 3MB or more to install the driver and bundled software.
- e. **For Boot Disk function:** Motherboard BIOS must support boot from “USB ZIP”.

Remarks:

- f. According to default OS specification, Mobile Disk won't function on Windows® NT environment.

- g. Only under Windows® 2000 and XP, the ultimate performance of USB 2.0 can be achieved.

3. Basic Functions of the USB2.0 Mobile Disk

- You can read, write, copy, and delete files and data on the Mobile Disk.
- Have capabilities like a Floppy Disk and Hard Disk.
- Store private data with password protection.

4. Installation

Windows® 2000 SP4 / ME / XP Plug & Play

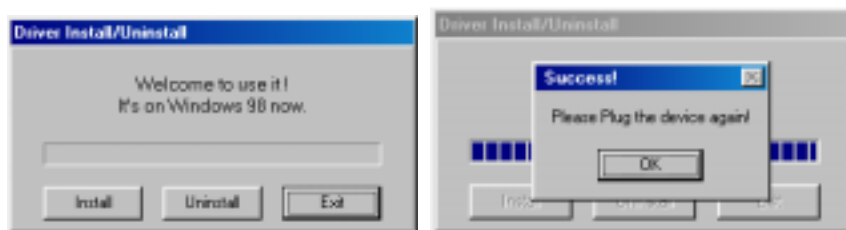
- Insert the Mobile Disk into the USB port of the computer.
- The device will be automatically recognized by system and allocate disk driver number for it.
- Double-click “My Computer” from the desktop and a new “Removable Disk” icon can be found in that window.
- If the device was not correctly recognized by the system, please unplug and insert again.



Windows® 98/ 98 SE Driver Installation

Windows® 98SE does not support Mass Storage Driver, please install correct driver before using the USB2.0 Mobile Disk.

- Do not insert the USB2.0 Mobile Disk first.
- Please download driver from your vendor's web site and extract the Zip file to a folder.
- Locate the program “**Install.exe**” (install.exe).
- Double –click the icon to install the driver.



- Please reboot the computer after the driver installation is completed.
- Insert the Mobile Disk into the USB port of the computer, and Windows® will allocate the driver for it.
- Double-click “My Computer” from the desktop. A new “Removable Disk” icon can be found in that window if the driver was successfully installed.

5. How to Unplug the USB2.0 Mobile Disk safely

- Do not remove the **Mobile Disk** while the LED is still on or flashing. Doing so, it may cause unrecoverable

damage to the files or the device itself. Users may use the “Format” utility to recover the disk, however, the data will be lost.

- b. Please follow the standard procedures to eject the device safely, otherwise it may cause data lose. For more detail, please reference “Windows® XP Home Edition Product Document - To plug or eject devices” from Microsoft’s WEB site and Windows® 2000 Help – “Unplug or eject devices”.

6. Windows® ME / 2000 SP4 / XP: Device Unplugging Procedures

- a. Locate the “Unplug or eject Hardware” icon from the system task bar and double-click it.



- b. Select the device you want to unplug from the “Unplug or Eject Hardware” window and click the “Stop” button.



- c. Select the device from the “Stop a Hardware Device” window and click “OK”.



- d. Now it’s safe to unplug the device.

7. Windows® 98 / 98SE: Device Unplugging Procedures

- a. Please make sure that the LED is off before removal; else try shutting down the computer to turn off the device.
- b. Unplug the device from the USB port.

8. Application Installation

- a. Please download driver from your vendor’s web site and extract the Zip file to a folder.
- b. In the new folder, there are four application programs, i) “**Disk Partition**”, ii) “**Email**”, iii) “**Format**”, and iv) “**PC_Lock**”.
- c. “**Disk Partition**”: To configure protected area and un-protected area of the Mobile Disk and enable the password protection function.
- d. “**Email**”: The program is designed for your convenience to manage email without leaving a trace on others

computers.

- e. **“Format”**: To format the Mobile Disk if the partition is damaged.
- f. **“PC_LOCK”**: To secure and lock the computer with the presence of a Mobile Disk.

Chapter 2: Applications



A. Disk Partition Menu

- a) Functions: To configure protected and un-protected area of the Mobile Disk and enable the password-protection function.
- b) Click “Disk Partition” from the folder of your PC.




- c) In Windows® 2000 and Windows® XP, please first log-in with administrator privilege run this program. Afterward, this program can be run by a normal user .

1. Configure the Protected Area:

- a. Function:
 - i. To allocate space for “Protected Area” and “Unprotected Area”.
 - ii. To set password for “Protected Area”.
- b. “Disk Partition” will erase data previously stored, therefore please backup data files before running it.
- c. Click “Configure the Protected Area” on “Disk Partition” panel.
- d. Enter password into the field “New Password” and “Confirm Password”.




- e. Adjust the preferred size of “Protected Area” and “Unprotected Area” by sliding the capacity bar.
- f. Click “OK” button to confirm the setting, or click the “⊗” button  to cancel the action.
- g. Unplug and plug the Mobile Disk again to see the new partition in effect.
- h. Double-click on “My Computer” from the desktop. The Mobile Disk is now divided into two removable disks: One is the “Unprotected Area”, and the other is the “Protected Area”.




- i. The removable disk (“Protected Area”) is not accessible unless “Disk Partition “program was executed and the “Un-lock the protected Area” command is given.



2. Set Password:

- a. Function:
 - i. To set password of the “Protected Area”.
 - ii. To change password of the “Protected Area”.
- b. Click “Set Password” on “Disk Partition” panel.
- c. Setting password for the first time:
 - i. Enter a new password in field “New Password” and “Confirm Password”.
 - ii. Click “OK” to confirm the setting or click the  button to cancel the action.



- d. To Change current password:
 - i. Enter current password in field “Old Password”.
 - ii. Enter new password to fields “New Password” and “Confirm Password”.
 - iii. Click “OK” to confirm the setting or click the  button to cancel the change.



3. Un-Lock and Lock the Protected Area

- a. The “Protected Area” is not accessible unless you un-lock it.
- b. Function:
 - i. “Un-Lock the Protected Area”: For the purpose of accessing the “Protected Area”.
 - ii. “Lock”: To lock “Protected Area” and make it not accessible.
- c. ”Un-Lock the Protected Area”:
 - i. Click “Un-Lock the Protected Area” on the “Disk Partition” panel.
 - ii. Enter password into the field “Old Password”.
 - iii. Click “OK” button to confirm the action.
 - iv. Now you are free to access the “Protected Area”.



- d. “Lock the Protected Area”:
 - i. Click “Lock the Protected Area” on the “Disk Partition” panel.

- ii. Click “OK” button, and the Protected Area is now locked again.



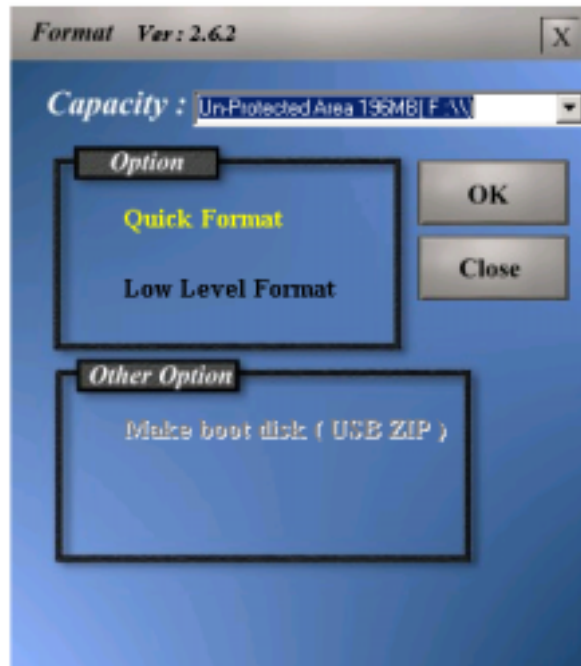
B. Format Menu

1. Functions:
 - a. **“Quick Format”**: To perform normal formatting on the “Protected Area”, or “Un-Protected Area”.
 - b. **“Lower Level Format”**: This function was used to rebuild the partition table and reset the device. Running the command will destroy all the setting and files stored.
 - c. **“Make Bootable Disk”**: To make this device a bootable disk for Windows® 98 / ME.
2. Always backup data files before running “Format” program.
3. Click “Format” to start this application.



4. Quick Format

- a. Backup the data files stored in Mobile Disk before running the “Quick Format” function.
- b. Select the option “Quick Format” on the panel.
- c. Select the target to be formatted from the “Capacity” dropdown menu: Click either the “Protected Area” or “Un-Protected area”.



- d. Click “OK” button to start the operation, and a last minute warning box will pop out.



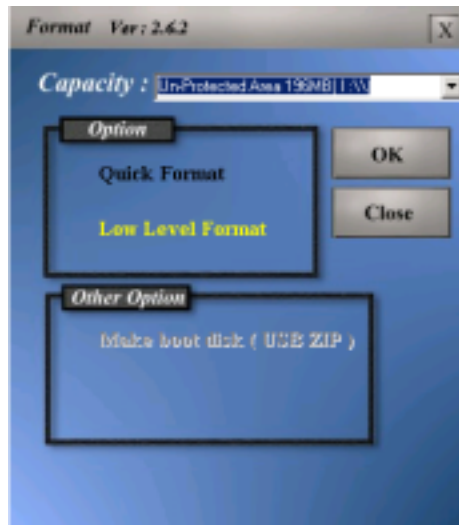
- e. Click “OK” button to confirm and proceed with the formatting, or “Cancel” to cease the action.



- f. Once completed, unplug and plug the Mobile Disk.

5. Low Level Format

- a. Backup the data files from the Mobile Disk before running the “Low Level Format” function.
- b. Click the option “Low Level Format” on the panel.



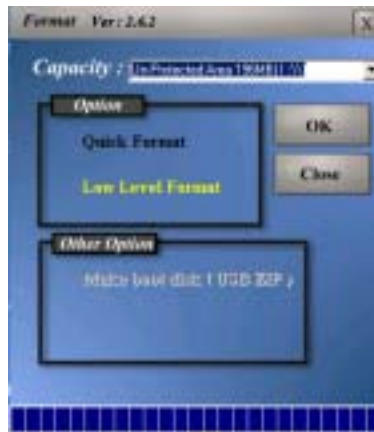
- c. Click the “OK” button and a last minute warning box will pop out.



- d. Click on “OK” button to confirm and proceed with the formatting, or “Cancel” to cease the action.

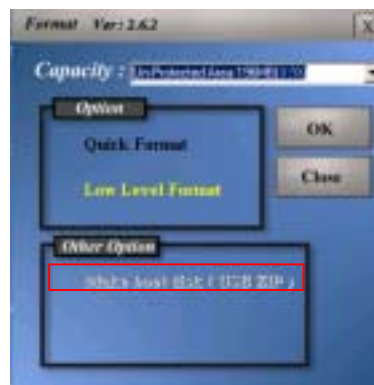


- e. Once completed, unplug and plug the Mobile Disk to see new setting in effect.



6. Making Mobile Disk a bootable disk for Windows® 98SE / ME (Please ensure both System BIOS and Windows versions support this function)

- a. To make Mobile Disk a bootable disk, please configure the boot-up sequence in BIOS setting. Make "USB ZIP" the first boot device. Please Note, not every motherboard supports this feature. Also the boot disk supports FAT16 file system only.
- b. It is paramount to have at least 2MB of free space in the "Un-Protected Area" to create a bootable disk onto the Mobile Disk.
- c. Please make sure the path "C:\WINDOWS\COMMAND\EBD" exists in the system, otherwise, the creation of a bootable disk may fail.
- d. Backup the data files from the Mobile Disk before running the formatting program with "Make bootable disk" option click.
- e. Select "Un-Protected Area" from "Capacity" popup menu and click option "Make bootable disk USB ZIP".



- f. Click on the "OK" button and a last minute warning box will pop out.



- g. Click on “OK” button to confirm and proceed with the formatting, or “Cancel” to cease the action.



- h. Once completed, unplug and plug the Mobile Disk to re-read the disk.



C. PC_LOCK PC_LOCK

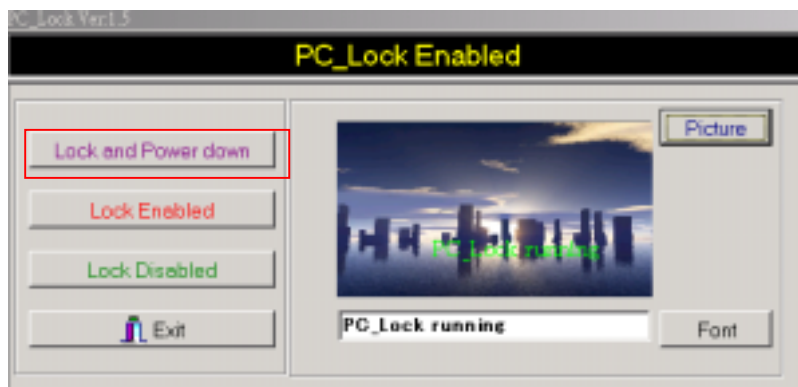
1. The “PC_LOCK” application has two major functions:
 - a. To lock the desktop of a PC while the computer is still on. Collaborating with Windows® security system, it reduces the risk of unauthorized access.
 - b. To lock and turn off the computer. You must insert the Mobile Disk to release the lock.
2. You must have equivalent privilege as the Administrator to run “Lock and Power down”, “Lock Enabled” and “Lock Disabled” of this utility in WindowsR 2000 and WindowsR XP.
3. Once launched , the “PC_LOCK” stays in system tray until you press the “Exit” button to stop the utility.
4. Once the lock function is enabled, you must press the “Lock Disabled”, or “Exit” button to the stop it.
5. The “PC_LOCK” does not prevent users from logging into DOS, SAFE MODE or other user accounts when starting up Windows®. Under such a circumstance, unauthorized access to your computer is possible.
6. CTRL+ALT+DEL is disabled under Windows® 98SE and Windows® ME while the lock is on.
7. CTRL+ALT+DEL is operative under Windows® 2000 and Windows® XP while the lock function is on. Pressing CTRL+ALT+DEL the users can click on buttons “Lock Computer”, “Log Off”, “Shut Down” and “Change Password”. Yet, access to task manager is prohibited.
8. Click “PC_ LOCK”to start this application.

6. Setting Background Picture and Message



- Click on "Picture" button (item 1) to choose your favorite image as the background .
- Type the preferred message into the text box (item 2) for displaying when the "PC_LOCK" is active. The entire message length has a twenty-eight characters limit.
- To select the font face of the message, click on the "Font" button. (item 3.)

7. Lock and Power down

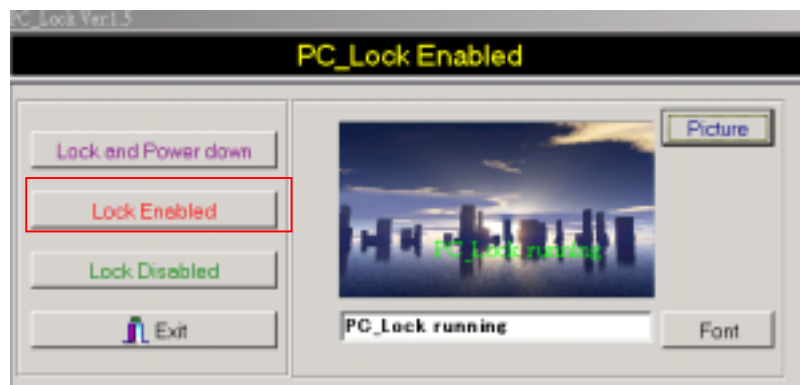


- Insert the Mobile Disk into the USB port of the computer.
- Launch the "PC_LOCK" program, and click on the "Lock and Power down" button.
- The computer will shutdown and turned off.
- Unplug the Mobile Disk and turn on the computer. After the system has boot up and you have signed on, the system will run a screen saver. The desktop will be locked and no access is possible.



- e. Since the “PC_LOCK” does not lock the keyboard, pressing CTRL+ALT+DEL under Windows® 2000 and Windows® XP, the users can click on buttons “Lock Computer”, “Log Off”, “Shut Down” and “Change Password”. Yet, access to task manager is prohibited.
- f. It is possible for another user to reboot the computer, log into SAFE mode, remove “PC-Lock” and thereafter has full access to the file system.
- g. To release the lock, insert the Mobile Disk into the USB port of the computer.

8. Lock Enabled

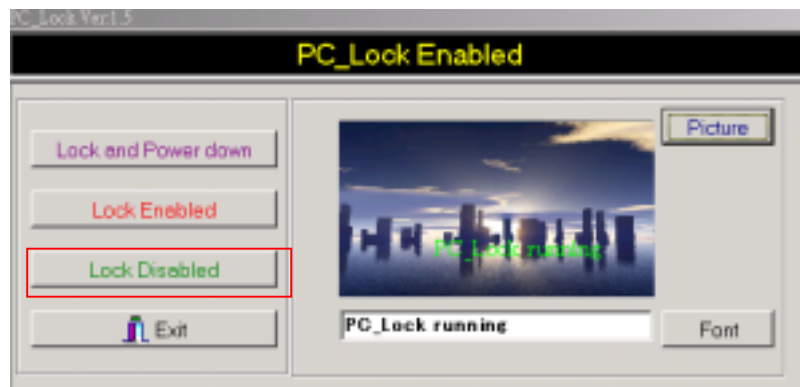


- a. Insert the Mobile Disk into the USB port of the computer.
- b. Launch the “PC_LOCK” program, and click on the “Lock Enabled” button.
- c. Unplug the Mobile Disk, and system will run a screen saver. The desktop is locked and no access is possible.

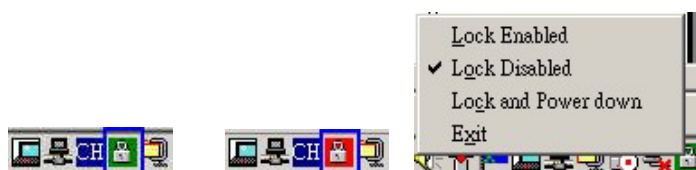


- d. Since the “PC_LOCK” does not lock the keyboard, pressing CTRL+ALT+DEL under Windows® 2000 and Windows® XP, the users can click on buttons “Lock Computer”, “Log Off”, “Shut Down” and “Change Password”. Yet, access to task manager is prohibited.
- e. It is possible for another user to reboot the computer, log into SAFE mode, remove “PC-Lock” and thereafter has full access to the file system.
- f. To release the lock, insert the Mobile Disk into the USB port of the computer.

9. Lock Disabled

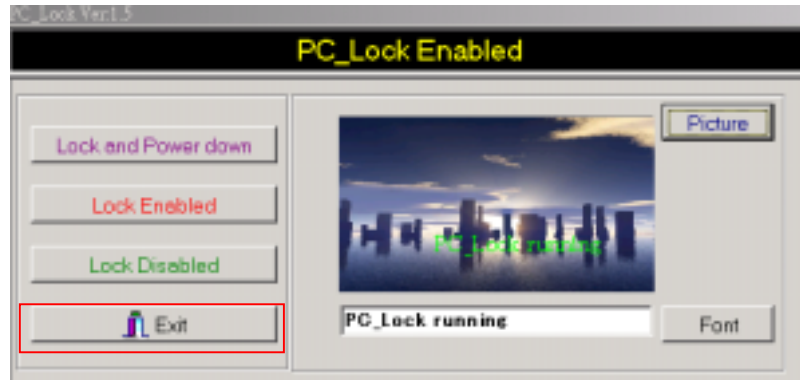


- a. Insert the Mobile Disk into the USB port of the computer.
- b. Launch the “PC_LOCK” program, and click on the “Lock Disabled” button.
- c. Alternatively, right-click on the “PC_LOCK” quick access icon on the system tray under the task bar.



- d. Select “Lock Disabled” and the system will unlock.

10. Stop PC_LOCK Program



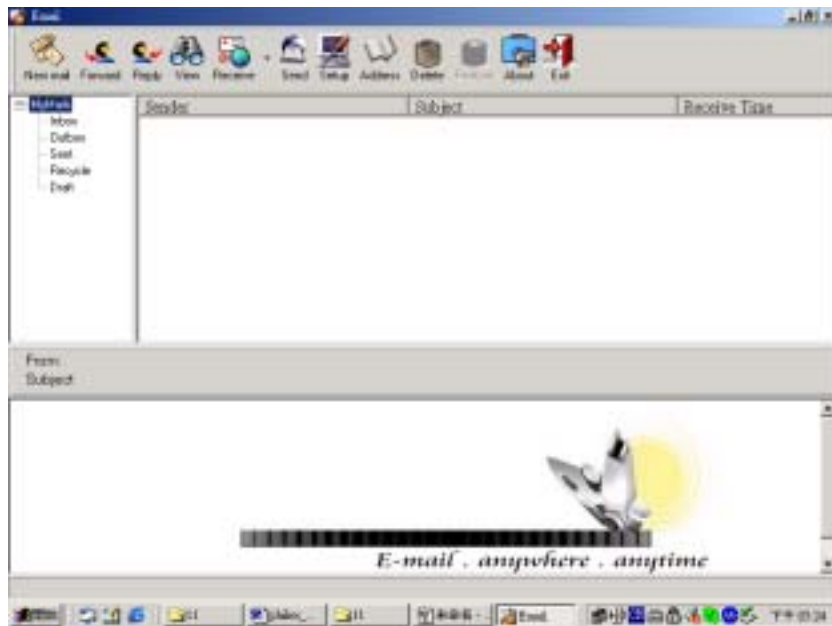
- a. Insert the Mobile Disk into the USB port of the computer.
- b. Launch the “PC_LOCK” program, and click the button “Exit” on the panel.
- c. Alternatively right-click on the “PC_LOCK” quick access icon on the system tray under the task bar to turn off the program.



D. Email

1. This application served as a portable mail client which sends and receives emails from any servers supporting SMTP / POP3 connections.
2. If IP address or domain name of POP3 and SMTP servers of your e-mail box are required for this program.
3. The firewall inside an Enterprise network may block the access to the outside POP3 and SMTP servers; therefore, under such circumstance you may not be able to use this program.
4. To make this program portable with the Mobile Disk, please copy the “Email.exe” from the installation directory of to a folder in your Mobile Disk. Thereafter, simply run it from the new folder of Mobile Disk.





5. Account Setup

- a. The first step is to setup the e-mail account and assign POP3 / SMTP servers' addresses.
- b. Launch the “Email” program from your Mobile Disk.
- c. Click “Setup” button from the menu bar.



- d. Click “Add” button of setup panel



- e. Typed in your “Display name”, and e-mail address in the text box of the dialog boxes.

The first screenshot shows the 'Your Name' step of the 'Create Mail Config' wizard. It includes a text field containing 'john_doe' and a note: 'When you send e-mail your name will appear in the From field of the outgoing message. Type your name as you would like it to appear.' Below the field is an example: 'For example: John Smith'. The second screenshot shows the 'Internet E-mail Address' step. It includes a text field containing 'john_doe@someones.in.net' and a note: 'Your e-mail address is the address other people use to send e-mail message to you.' Below the field is an example: 'For example: someone@domain.net'. Both screenshots have 'Back', 'Next', and 'Cancel' buttons at the bottom.

- f. Enter IP addresses or domain name of the POP3 and SMTP servers. Please contact your e-mail service provider for both information if in doubt.

The 'E-Mail Server Name' step of the 'Create Mail Config' wizard. It has two text input fields. The first is labeled 'Incoming mail(POP3)server:' and contains 'pop3.someones.in.net'. Below it is an example: 'For example: mail.pop.yahoo.com.tw'. The second is labeled 'Outgoing mail(SMTP)server:' and contains 'smtp.someones.in.net'. Below it is an example: 'For example: mail.smtp.yahoo.com.tw'. 'Back', 'Next', and 'Cancel' buttons are at the bottom.

- g. Type the account name and password of your e-mail account.
h. If you do not want to be prompted every time for the password during access to the mail server, please select the “Remember password” checkbox.

The 'Internet Mail Login' step of the 'Create Mail Config' wizard. It has two text input fields. The first is labeled 'Account name:' and contains 'john_doe'. The second is labeled 'Password:' and contains a masked password. Below the password field is a checkbox labeled 'Remember password' which is currently unchecked. 'Back', 'Complete', and 'Cancel' buttons are at the bottom.

- i. Click “Complete” button to end the setup process.



6. Writing a new mail

- a. Launch the "Email" program from your Mobile Disk.
- b. Click "New mail" button from the menu bar.



- c. Compose your mail:



- i. Enter the e-mail address of the sender to field "From". (item 1).
- ii. Enter the e-mail address of the receiver to field "To". (item 2).
- iii. For subject of this mail, type it into field "Subject". (item 4).
- iv. Compose your mail in the center text box. (item 5.)
- v. Click "Attachment" button (item 6) to add any attached file (s).
- vi. To save the mail before sending it out, please click "Save" button (item 7).
- vii. Please make sure your computer is already connect to Internet to send the mail , please make sure your computer is already connected to Internet before clicking "Send" button(item 8).



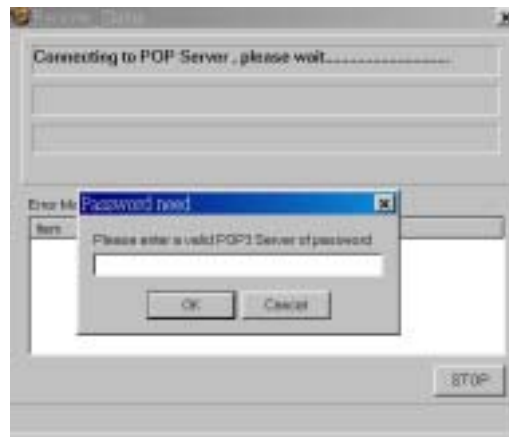
- viii. Click on "Cancel"(item 9) to abort composing the email and exit the program.

7. Receiving Mail

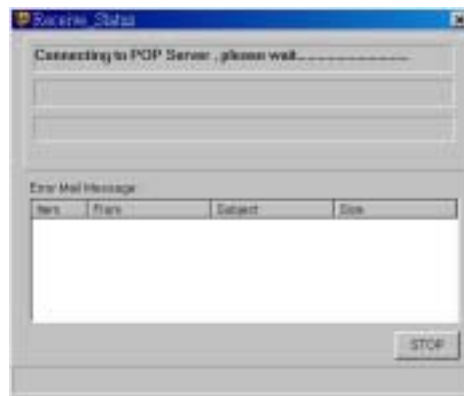
- a. Connect your computer to Internet.
- b. Launch the “Email” program from your Mobile Disk.
- c. Click “New mail” button from the menu bar and select the mail server to receive from.



- d. An authentication window would pop out if the “remember password” option were not set during creating an Internet E-Mail account. (Please refer to “**5. Account Setup**”).



- e. Enter password and press the “OK” button, the program will start to receive emails from the server. (Account setup data must be correctly entered first)



- f. All the newly arrived emails will be stored in the “Inbox” folder. Double click the individual email to read the content.



8. Editing Address Book

- a. Launch the “Email” program from your Mobile Disk.
- b. Click “Address” button from the menu bar.



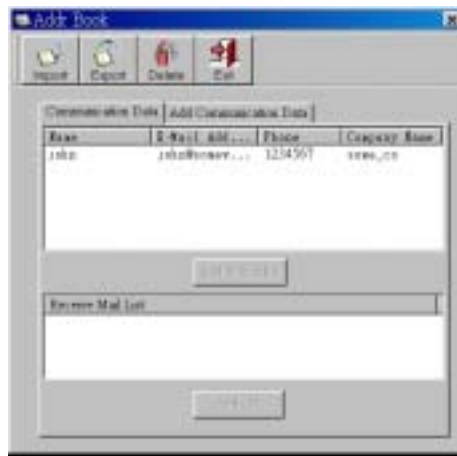
- c. Click “Add Communication Data” tab.



- d. Enter the Contact name, phone, email address and company name. Click “Add New” button to save the information.



- e. Click “Communication Data” tab to view the new contact information just added to the address book.



- end of manual -

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