



鴻友科技股份有限公司

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FCC ID.: HWFFST

EXHIBIT 4

User Manual

FCC ID: HWWFFST

FCC Compliance Statement

This equipment has been tested and found to comply with limits for a Class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in residential installations. This equipment generates, uses, and can radiate radio frequency energy, and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause interference to radio or television equipment reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna
- Move the equipment away from the receiver
- Plug the equipment into an outlet on a circuit different from that to which the receiver is connected
- Consult the dealer or an experienced radio/television technician for additional suggestions

Only equipment certified to comply with Class B should be attached to this equipment to continuing compliance with FCC emission limit, and must have shielded interface cables.

You are cautioned that any change or modifications to the equipment not expressly approved by the party responsible for compliance could void your authority to operate such equipment.

Using Documentation 1-9

1200 FS Scanner Installation Guide

1 Unpacking the Scanner

Unpack the package and inspect the items closely to make sure no item is damaged.

The package should include: 1200 FS Scanner Installation Guide
The Scanner
Power Adapter
Scanning Utilities Manual

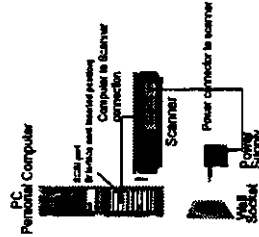
2 The Scanner Parts



3 Connecting the Scanner to the PC

Refer to the following illustration and steps below to install your scanner.

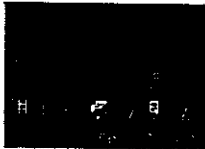
- Step 1. Make sure the scanner and the computer are powered off and disconnected from their power source.
- Step 2. Remove the computer cover.
- Step 3. Select an empty slot inside your computer and remove its back plate.
- Step 4. Unpack the SCSI interface card from the scanner package.
- Step 5. Make sure the card is inserted into the slot directly, not at an angle.
- Step 6. Insert the SCSI interface card firmly into the empty slot (in Step 3) and screw in the card's metal plate.
- Step 7. You may put back the computer cover after completing Point 5 and Point 6.
- Step 8. Connect one end of the included SCSI cable to the **COMPUTER** port on the back of the scanner.
- Step 9. Connect the other end of the SCSI cable to the **SCSI** port of the interface card that you inserted in Step 6.
- Step 10. Connect the power supply adapter to the scanner and plug it into an appropriate power outlet.
- Step 11. Power on the computer and wait for the computer to finish booting.



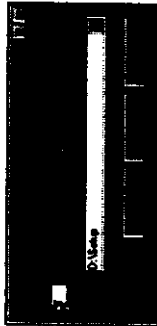
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4 Driver Installation

1. Insert the Driver Installation CD into your disk drive.



2. Click on "Start" and select "Run".



3. In the "Run" dialog box, type "drive:\setup" where drive is your CD-ROM drive and click "OK."

4. Follow all on-screen instructions.

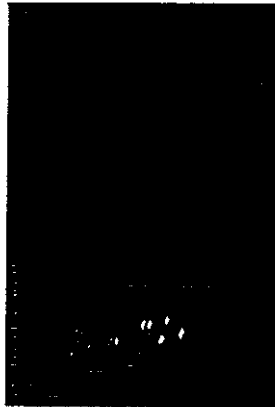
NOTE: When you are presented with the option of whether to restart Windows after completing the driver installation please choose "Yes".

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For Windows 95 OSR2 Users:

Upon installing the software driver and connecting the power adapter if the Update Device Driver Wizard dialog box appears, perform the following steps:

1. Click on the "Next" button.
2. On the next screen click on the "Other Locations" button and go into the "Win95" directory of your installation CD.
3. Click on the "OK" button and on the next screen Windows will confirm that it has found the driver for your scanner.



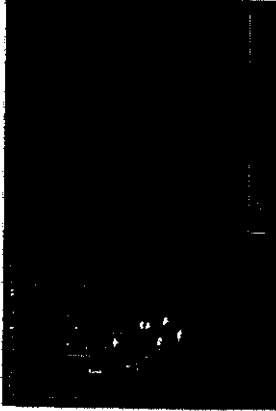
4. Follow all on-screen instructions to complete driver installation.

4B

For Windows 98 Users:

Upon installing the software driver and connecting the power adapter if the Add New Hardware Wizard dialog box appears, perform the following steps:

1. Click on the "Next" button.
2. On the next screen select the following option and go into the Win98 directory of your installation CD.



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3. Click on the "OK" button and on the next screen Windows will confirm that it has found the driver for your scanner.

4. Click the "Finish" button to exit.

NOTE: Since your scanner model is equipped with a Cover Sensor, upon raising the cover of your scanner you will be given a choice on whether to use the Scan Dialog box (refer to the Scanning Utilities Manual) that came with your scanner or use the Imaging program (refer to your Windows 98 reference guide) that is built in to your Windows 98 operating system.

5 Using the Scanner

There are two separate methods to scan an image, the Scan Dialog box and the TWAIN Dialog box. Refer to the Scanning Utilities Manual for a description of these to facilitate your use of the scanner; or refer to the online help system any time when using the scanner software. This easy-to-use system contains detailed information about the scanner topics and its functions.

To access the online help system:

1. Click on "Start" and select "Programs".
2. Click on your scanner model and select "Scanner's User's Guide".

Specifications

Scanner Type	Color Flatbed
Scan Area	21.6 cm x 35.6 cm (8.5" x 14.0")
Scan Modes:	
True Color	36-bit (Internal), 68.7 billion colors 24-bit (External), 16.7 million colors
Gray Mode	12-bit (Internal), 4096 shades of gray 8-bit (External), 256 shades of gray
Text/Line Art	1 bit/pixel (2 levels) Single Pass Scanning
Scan Method	
Resolution Control:	
Optical	600dpi (H) x 1200dpi (V)
Enhanced	9600dpi x 9600dpi (software controlled)
Scanning Data Buffer	2MB (maximum)
Gamma Correction	Downloadable by software
Brightness Control	255 adjustable steps (software controlled)
Contrast Control	255 adjustable steps (software controlled)
Interface	SCSI
Light Source	2 Cold Cathode Fluorescent Lamps
Data Trans. Connectors	26-pin and 50-pin D-SUB high density connectors
Slide Kit/ADF Control Port	26-pin D-SUB high density connector
Power Consumption	43 Watt
Voltage Requirements	AC 85 V~260 V Power Supply
Operating Temperature	10°C~40°C (50°F~104°F)
Operating Humidity	35%~80% RH, Non-Condensing
Storage Temperature	-10°C~60°C (14°F~140°F)
Storage Humidity	20%~80% RH, Non-Condensing
Dimensions:	558 x 322 x 116mm 22 x 12.7 x 4.5 inches (L x W x H)
Weight:	5.2 Kg (11.4 Lbs.)