fi-475PR Imprinter
User's Guide: Option

User's Guide

ユーザーズガイド
## Revision Record

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C150-E191-01XA

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FCC Declaration:
This equipment has been tested and found to comply with the 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 a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, 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 harmful interference to radio or television 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.
• Increase the separation between the equipment and receiver.
• Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
• Consult the dealer or an experienced radio/TV technician for help.

FCC Warning:
Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTICE
• The use of a non-shielded interface cable with the referenced device is prohibited. The length of the parallel interface cable must be 3 meters (10 feet) or less. The length of the serial interface cable must be 15 meters (50 feet) or less.
• The length of the power cord must be 3 meters (10 feet) or less.

ICES:
This Class B digital apparatus complies with Canadian ICES-003.
Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

High Safety Required Use:
The Product is designed, developed and manufactured as contemplated for general use, including without limitation, general office use, personal use and household use, but is not designed, developed and manufactured as contemplated for use accompanying fatal risks or dangers that, unless extremely high safety is secured, could lead directly to death, personal injury, severe physical damage or other loss (hereinafter "High Safety Required Use"), including without limitation, nuclear power core control, airplane control, air traffic control, mass transport operation control, life support, weapon launching control. The Customer shall not use the Product without securing the sufficient safety required for the High Safety Required Use. In addition, Fujitsu (or other affiliate's name) shall not be liable against the Customer and/or any third party for any claims or damages arising in connection with the High Safety Required Use by the Customer of the Product.

Energy Saving:
As an EnergyStar ® Partner, Fujitsu Limited has determined that this scanner meets EnergyStar ® guidelines for energy efficiency. EnergyStar ® is a U. S. registered mark.

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1. Introduction

Thank you very much for purchasing the fi-475PR Imprinter Option.

This guide explains how to use the imprinter.
Use the imprinter correctly according to this guide.
This guide contains important information such as methods to replace consumables. Keep this guide in safety custody.

Uncrating the imprinter packaging box, check that all the components of the imprinter are contained correctly.

Conventions

Important information that requires special attention is indicated as follows:

⚠️ WARNING
WARNING indicates that serious personal injury may result if you do not follow a procedure correctly.

⚠️ CAUTION
CAUTION indicates that minor personal injury, loss of data, or damage to the scanner may result if you do not follow a procedure correctly.

Official Fujitsu part names are indicated with an initial capital letter, as in the part name “Pick Roller”.

👉 NOTICE
A NOTICE provides “how-to” tips or suggestions to help you perform a procedure correctly.

[CAUTION]
Use a cloth that is either dry or dampened with water when you clean the imprinter.
Use of the F1 or F2 cleaner may damage the imprinter.
2. Components of the Imprinter

Table 1.1 shows the imprinter components.

<table>
<thead>
<tr>
<th>Component</th>
<th>Quantity</th>
<th>External View</th>
</tr>
</thead>
<tbody>
<tr>
<td>Imprinter Unit</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Print Cartridge</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Operator's Guide</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Imprinter Cable</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Drivers Disk</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Clamp (black)</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>Clamp (white)</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Shipping Notice</td>
<td>1</td>
<td></td>
</tr>
</tbody>
</table>
3. Installation

(1) Mounting the Imprinter

Mount the imprinter as follows:

1. Prepare a Phillips screw driver.
2. Turn off the power switch of the scanner and disconnect the power cable.
3. Unfasten the two screws near the eject rollers of the ADF.

(1) While pushing the lower part of the imprinter against the scanner, (2) hang the arms on the ADF unit and push down the ends of the arms to mount the imprinter on the scanner.

(2)

5. Secure the imprinter unit with the two screws removed at procedure 2.

(3)

6. Connect the imprinter cable between the imprinter (side) and the scanner (back).

When removing the imprinter, reverse the mounting procedures.
(2) Mounting the Clamps

Two types of clamps are used for securing the imprinter cable. Mount the clamps as follows:

**Clamps (black)**

Use these clamps (black) to fix the imprinter cable.

1. Insert the clamps into the holes on the back of the imprinter.
2. Fasten the imprinter cable with the clamps as shown in the figure.

**Clamp (white)**

The clamp (white) holds the imprinter cable loosely. If the imprinter cable hangs down loosely in the way, use this clamp. It is not necessary, keep the clamp not so as to lose it.

3. Put the clamp (white) at the left part of the upper shaft of the imprinter.
4. Hold the imprinter cable with the clamp as shown in the figure below.
(3) Mounting the Print Cartridge

Mount the print cartridge as follows:

1. Turn off the power switch of the scanner and disconnect the power cable.
2. Hold and raise the knob of the imprinter cover in the arrow direction to open the cover.
3. Insert the print cartridge so that its tab is positioned leftward.
4. Lower the lever gently until it is locked by the hook to secure the print cartridge.
(4) Operation Test

After installing the imprinter, check if the printing operation can be done using the Offline Print Test mode of the scanner.

■ Print test mode
  This mode tests printing performance of the imprinter.
  Turning the power on while pressing the [Exit] switch of the scanner’s operator panel makes the imprinter enter in this mode where “Print Test” is available.

1. Put sheets of printing paper on the ADF paper chute.
2. In the “Print Test n” screen (screen 1), press [Start] switch.
3. One sheet of paper is fed and printed.
5. With three pages printed, you can check all characters to be printed. (Printing characters are listed in Chapter 7, “Specifications”.)
6. To quit the <<Print Test>>, turn off the power.

CAUTION
About paper put on the ADF paper chute, use the one longer than 297 mm (A4 size). Shorter paper may cause printing to stop halfway.
(5) Installing the Firmware and Device Drivers

Before installation, confirm the following conditions:

1. The scanner is connected to a computer through the SCSI cable.
2. The scanner is turned on and is set online.

If the above conditions are not satisfied, make sure of the above conditions before installation.

Never turn off the scanner or the computer while updating the firmware or installing the device driver. Turning-off during installation may damage the scanner.

For installation, refer to the installing instructions in the Drivers Disk.
4. Operation

(1) Replacing the Print Cartridge

Replace the print cartridge as follows:

1. Turn off the power switch of the scanner and disconnect the power cable.

2. Hold and raise the knob of the imprinter cover in the arrow direction to open the cover.

3. Unlock the lever which secures the print cartridge and open the lever upward.

4. Hold and remove the old print cartridge and then insert a new print cartridge so that its tab is positioned leftward.

5. Lower the lever gently until it is locked by the hook to secure the print cartridge.
(2) Reset of the Ink Remain Counter

You must reset the ink remain counter whenever you replace the print cartridge.
When you install the print cartridge, the ink remain counter will count automatically every character printed and a message “Please a new Ink” is displayed on the operator panel when the remaining ink is running short. If this message appears (during read operation), prepare a new ink cartridge. When the imprinter cannot print any more, replace the print cartridge with the new one and implement the “Ink remain counter reset” in Setup mode. Implement the “Ink remain counter reset” operation even if you replace the print cartridge before the alarm.

### Table: Setup Item Options Remarks

<table>
<thead>
<tr>
<th>Setup item</th>
<th>Options</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ink remain counter reset</td>
<td>Reset, No</td>
<td></td>
</tr>
</tbody>
</table>

1. At the Ready screen, press [Next] switch three times. The Setup mode initial screen appears. (screen 1)

2. At screen 1, press [Enter] switch. The first setup item “Double Feed” appears. (Screen 2)

3. At screen 2, press [Previous] switch repeatedly until the item “Ink remain” appears. First, No binks.

4. Press [] switch, then Reset blinks. (Screen 3)


6. Press [] switch, then Yes blinks. (Screen 4)

7. Press [Enter] switch to perform reset operation. The ink remain display returns to [__][__][__][__][__][__]. (Screen 5)

(3) Clearing Paper Jam

If paper jams, clear the jammed paper as follows:

1. Open the ADF cover. The imprinter automatically moves as shown in the figure.

2. Remove the jammed paper.

   If the imprinter unit presses down the paper, hold the handle part (see the figure below for details) and slightly lift the imprinter unit from the stacker to remove the paper.
(4) Cleaning the Nozzle Surface of the Print Cartridge

Ink or stains stuck to the nozzle surface of the print cartridge or leaving the imprinter unused for a while cause poor printing of characters because of stopped emission holes of the nozzle. If your imprinter has this trouble, clean the nozzle surface of the print cartridge.

**NOTE**

For cleaning, use dry cloth or waste free from dust, and gently wipe off dirt and stain from the surface of the nozzle. (Do not use tissue paper.)

Clean the nozzle surface as follows:

1. Remove the print cartridge. (Refer to Item (1) in this chapter.)

2. Gently wipe off dirt and stain from the nozzle surface.

3. Make sure that dirt and stain are all removed and then mount the print cartridge. (Refer to Item (1) in this chapter.)
With increase of the imprinter processing, dirt such as ink sticks to the imprinter base, causing dirt on paper. As part of a daily maintenance, clean the imprinter base through the following procedure:

**NOTE**

When cleaning, gently wipe out dust on the imprinter base, especially the dotted area below, with an absorbent item that can remove the ink. If the ink hardens, gently wipe with a moistened cloth. (As the ink is water-soluble, it is wiped out with water.)

Clean the nozzle surface as follows:

1. Lift the imprinter.
2. Clean the imprinter base.

Clean the base especially focusing on the dotted area.
As shown in the above figures, press a cloth against the edge and base of the shutter part and wipe out dirt.

Check that the dirt is wiped out, gently return the imprinter to the original position.

Check whether the base is cleaned completely.
(6) Connecting to fi-4750L Scanner

Connecting the interface cable

To use the imprinter with the fi-4750L scanner, connect the chuter cable (attachment of fi-4750L) and the imprinter cable (attachment of the imprinter) as shown right.

Attaching the adjustment stacker

Mount the adjustment stacker (attachment of fi-4750L) on the stacker as shown below.

1. Holding the notched side of the adjustment stacker, put the forward two claws at its bottom into the corresponding holes on the stacker.

2. Lower the adjustment stacker to put the remaining two claws at your side into the holes, then push the adjustment stacker towards the scanner to mount it on the stacker.

3. Make sure that the adjustment stacker is free on the stacker.
5. Precautions

1. When installing or replacing the print cartridge, be careful not to insert out of position.

2. When printing near the edge of paper, note that printing may go across the edge depending on the setting position of the imprinter.

3. The "▼" mark on the imprinter indicates the printing position.

4. Do not transport the scanner with the imprinter mounted. The imprinter may be damaged.

5. Be careful not to touch the contacts or the nozzle on the bottom of the print cartridge. Poor printing or loose contact may occur.

6. Do not move the imprinter during printing. Printing may be out of order.

7. Do not shock the imprinter or the print cartridge. Poor printing may occur.

8. The following shaded area is used for the paper sensor to check the document. Note that the reflection rate of this area must be more than 50%. (You do not mind general characters printed in this area.) Never punch binding holes in this area.
6. Error Messages

When the following error messages are displayed on the operator panel, the imprinter malfunctions. Recover the imprinter according to the means following the cause.

**Print Alarm**

Possible causes are as follows:

- The imprinter is set out of the paper path.
  Set the imprinter in place.

- The stacker is full of documents.
  Remove documents from the stacker.

**Imprinter Alarm**

Possible causes are as follows:

- Loose contact occurs regarding the signal electrodes of the print cartridge.
  Reinsert the print cartridge in place.

- The imprinter cannot correctly communicate with the scanner.
  Connect the imprinter cable correctly.

- The motor, sensor, or program memory is out of order.
  Turn off the power, and then turn on again.

**No Ink Cartridge**

Possible causes are as follows:

- The print cartridge is not mounted.
  Insert the print cartridge.
# 7. Specifications

Table 1.1 presents the imprinter specifications.

## Table 1.1 Imprinter Specifications

<table>
<thead>
<tr>
<th>Item</th>
<th>Specification</th>
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<tbody>
<tr>
<td><strong>Printing Method</strong></td>
<td>Thermal inkjet printing</td>
</tr>
<tr>
<td><strong>Printed Characters</strong></td>
<td>Alphabet Letters: A to Z, a to z, Numeric Characters: 0, 1 to 9, Symbols: ! &quot;$ % &amp; ' ( ) * + , - / : ; &lt; = ? [ ] ^ _ ` {</td>
</tr>
<tr>
<td><strong>Maximum Number of Characters Printed</strong></td>
<td>40</td>
</tr>
<tr>
<td><strong>Character Size</strong></td>
<td>Height 2.91 mm to width 2.82 mm</td>
</tr>
<tr>
<td><strong>Character Pitch</strong></td>
<td>About 3.53 mm</td>
</tr>
<tr>
<td><strong>Printing Area</strong></td>
<td>The printable area of the backside of document is as follows:</td>
</tr>
<tr>
<td></td>
<td>$ T - (C + D) \geq 42 \text{ mm} $</td>
</tr>
<tr>
<td></td>
<td>$ T \leq 140.5 \text{ mm (for 40 columns)} $</td>
</tr>
<tr>
<td></td>
<td>$ C \geq 70.0 \text{ mm} $</td>
</tr>
<tr>
<td></td>
<td>$ D \leq 140.5 \text{ mm (for 40 columns)} $</td>
</tr>
<tr>
<td><strong>Consumable</strong></td>
<td>Print Cartridge (Supply No. 0330610)</td>
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</table>
Declaration of Conformity

FUJITSU

Declaration of Conformity

Responsible Party: FUJITSU COMPUTER PRODUCTS OF AMERICA, INC.
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Phone Number: (408) 432-6333
Fax Number: (408) 894-1709

Hereby declares that the product

Product Name: Image Scanner Imprinting Option
fi-475PR
Revision: A0

Conforms to the following specifications:

FCC Part 15, Subpart B, Class B Digital Device

Supplementary Information:

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Responsible Person

Name: Reza Majidansari
Title: Sr. Director, Product Support Engineering
Peripherals, Scanners and Software

Signature: ____________________

Date: 11/18/10

Doc. No. C9S013MDfi-475PR
FUJITSU

Declaration of Conformity

(According to EN45014)


FUJITSU LIMITED, 1-1, Kamikodanaka 4-Chome, Nakahara –Ku, Kawasaki 211-8588, Japan declares, in sole responsibility, that the following product

Product Type: Image Scanner Option
Model Number: fi-475PR
Aproval ID Number: S1 2050136

Referred to in this declaration, conforms with the following directives and standards;


EN55022 1998 Class B
EN55024 1998
EN61000-4-2 1995+A1
EN61000-4-3 1996
EN61000-4-4 1995
EN61000-4-5 1995
EN61000-4-6 1996
EN61000-4-11 1994
EN61000-3-2 1995+A1+A2
EN61000-3-3 1995
EN60950 1992+A1+A2+A3+A4+A11

The product of safety has been evaluated to EN60950 and has been confirmed to comply with all related requirements of EN60950.

Importer / Distributor in EU:

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Japan, March 14, 2001

Reference No.: DOC-1184-I35-00

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