

SHARP SERVICE MANUAL

No. 00ZFO5550USME



FACSIMILE

MODEL FO-5550

Illustration: FO-5550

In this Service Manual for FO-5550U which is provided with 2nd. cassette (FO-47UC), only the information which differs from that for FO-4700U/FO-47UC already issued is contained. For the information not contained, refer to the Service Manual for FO-4700U/FO-47UC (00ZFO4700USME).

Difference between FO-4700U and FO-5550U

	FO-4700U	FO-5550U
2nd. cassette	OPTION (FO-47UC)	STANDARD EQUIPMENT
EPROM Ver.	FAA0A	FAA0B

CAUTION

This laser facsimile is a class 1 laser product that complies with 21CFR 1040.10 and 1040.11 of the CDRH or IEC60825-1 standard. This means that this machine does not produce a hazardous laser radiation. The use of controls, adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

This laser radiation is not a danger to the skin, but when an exact focusing of the laser beam is achieved on the eyes retina, there is danger of spot damage to the retina.

The following cautions must be observed to avoid exposure of the laser beam to your eyes at the time of servicing.

- 1) When a problem in the laser optical unit has occurred, the whole optical unit must be exchanged as a unit, not an individual part.
- 2) Do not look into the machine with the main switch turned on after removing the toner/developer unit and drum cartridge.
- 3) Do not look into the laser beam exposure slit of the laser optical unit with the connector connected when removing and installing the optical system.
- 4) The cover of Laser Printer Unit contains the safety interlock switch.

Do not defeat the safety interlock by inserting wedges or other items into the switch slot.

Laser Wave Length : 770-810 nm

Laser Pulse Times : 49.2 μ s

Laser Output Power : 0.37 mW

Parts marked with " \triangle " is important for maintaining the safety of the set. Be sure to replace these parts with specified ones for maintaining the safety and performance of the set.

CHAPTER 1. GENERAL DESCRIPTION

[1] Specifications

• GENERAL

Automatic dialing	Rapid Key Dialing: 48 numbers Speed Dialing: 75 numbers
Memory size*	1 MB (approx. 56 pages with ECM off)
Modem speed	14,400 bps (max.) Automatic fallback to lower speeds.
Transmission time*	Approx. 6 seconds
Toner cartridge yield (4% page coverage, letter paper)	Initial starter cartridge (included with fax machine): Approx. 3000 pages Replacement cartridge (FO-47ND): Approx. 6000 pages
Drum cartridge yield	Initial starter cartridge (included with fax machine): 20,000 pages (avg.) Replacement cartridge (FO-47DR): 20,000 pages (avg.)
Resolution	Horizontal: 203 pels/inch (8 pels/mm) Vertical: Standard: 98 lines/inch (3.85 lines/mm) Fine /Halftone: 196 lines/inch (7.7 lines/mm) Super fine: 391 lines/inch (15.4 lines mm)
Automatic document feeder	50 pages max. (20 lb letter paper)
Paper capacity	750 sheets (tray and cassette)
Compression scheme	MMR, MR, MH, Sharp (H2)
Halftone (grayscale)	64 levels
Applicable telephone line	Public switched telephone network
Compatibility	ITU-T (CCITT) G3 mode
Printing resolution	Horizontal: 406 lines/inch (16 lines/mm) Vertical: 391 lines/inch (15.4 lines/mm) PC Printing: 600 dpi
Input document size	Automatic feeding: Width: 5.8 to 10.1" (148 to 256 mm) Length: 5.0 to 14.3" (128 to 364 mm) Manual feeding: Width: 5.8 to 11.0" (148 to 279 mm) Length: 5.0 to 17.0" (128 to 432 mm)

Effective Scanning width	8.3" (210 mm) max.
Effective Printing width	8.0" (203 mm) max.
Reception modes	Auto/Manual
Instascan speed	30 ppm (letter paper)
Full Dual Access	Yes
Copy function	Single/Multi/Sort (99 copies/page)
Power requirements	120 V AC, 60 Hz
Operating temperature	50 - 86°F (10 - 30°C)
Humidity	20 to 85% RH
Power consumption	Standby: 10 W Maximum: 580 W
Dimensions	Width: 18.1" (460 mm) Depth: 15.2" (385 mm) Height: 15.4" (390 mm)
Weight	Approx. 41.0 lbs.(18.6kg)

* Based on ITU-T (CCITT) Test Chart #1 at standard resolution in Sharp special mode, excluding time for protocol signals (i.e., ITU-T phase C time only).

Option

Toner cartridge	: FO-47ND
Drum cartridge	: FO-47DR
PC interface	: FO-47IF
Option memory	: FO-1MK
Verification stamp	: FO-45VS

Note: This facsimile machine is Year 2000 compliant.

<IMPORTANT PLEASE READ FIRST>

To avoid problems with supplies, please don't use supplies from other units. Please use new supplies, when supply changes are required.

DIFFERENCE BETWEEN FO-5550U AND FO-4700U

FO-5550U						FO-4700U	
PG NO.	PARTS CODE	PRICE RANKE	NEW MARK	PART RANKE	DESCRIPTION	PG NO.	PARTS CODE
[1] Exterior etc.(1)							
5	GCABA2327XHSC	AQ	N	D	Front cabinet	5	GCABA2327XHSA
11	HPNLC2399XHSA	AH	N	C	Decoration panel	11	HPNLC2390XHSA
22	TLABS482AXHZZ	AC	N	D	FDA label	22	TLABS4812XHZZ
[12] Packing material & Accessories Please refer to Parts Guide							
[14] 2nd. cassette (2)							
42	GCOVA2406XHSA	AF		C	Left cover	—	—————
43	PSPAZ2253XHZZ	AD	N	C	Cabinet spacer 2	—	—————
44	TLABS373BXHZZ	AC	N	D	UL label	—	—————
B6	XHBSE30P06000	AA		C	Screw (3x6)	—	—————
[15] Paper cassette packing material & Accessories (Deletion)							
[16] Control PWB unit							
203	VHI27160FAA0B	BQ	N	B	IC, 16Mbit EPROM	23	VHI27160FAA0A

MEMO

SHARP PARTS GUIDE

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CONTENTS

- 1 Exterior, etc. (1)
- 12 Packing material & Accessories
- 14 2nd. cassette (2)

Because parts marked with "△" is indispensable for the machine safety maintenance and operation, it must be replaced with the parts specific to the product specification.