

SHARP SERVICE MANUAL

No. 00ZFO5800USME



FACSIMILE

MODEL FO-5800

Illustration: FO-5800

In this Service Manual for FO-5800U/C which is provided with 3rd. cassette and memory PWB (FO-1MK), only the information which differs from that for FO-5700U/C already issued is contained. For the information not contained, refer to the Service Manual for FO-5700U (00ZFO5700USME) or FO-5700C (00ZFO5700CSME), FO-4700U/FO-47UC (00ZFO4700USME) or FO-4700C/FO-47UC (00ZFO4700CSME) and FO-1MK (00ZFO1MKCUSME).

Difference between FO-5700U/C and FO-5800U/C

	FO-5700U/C	FO-5800U/C
3rd. cassette	_____	STANDARD EQUIPMENT
Control PWB unit	U: DCEKC489MXHZZ C: DCEKC283NXHZZ	U: DCEKC282NXHZZ C: DCEKC688NXHZZ
Printer PWB unit	DCEKC470BXH01	DCEKC470BXH02

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 "△" 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.

CAUTION FOR BATTERY REPLACEMENT

- (Danish) ADVARSEL !
Lithiumbatteri-Eksplosionsfare ved fejlagtig håndtering.
Udskiftning må kun ske med batteri
af samme fabrikat og type.
Levér det brugte batteri tilbage til leverandoren.
- (English) Caution !
Danger of explosion if battery is incorrectly replaced.
Replace only with the same or equivalent type
recommended by the equipment manufacturer.
Discard used batteries according to manufacturer's instructions.
- (Finnish) VAROITUS
Paristo voi räjähtää, jos se on virheellisesti asennettu.
Vaihda paristo ainoastaan laitevalmistajan suosittelemaan
tyyppiin. Hävitä käytetty paristo valmistajan ohjeiden
mukaisesti.
- (French) ATTENTION
Il y a danger d'explosion s' il y a remplacement incorrect
de la batterie. Remplacer uniquement avec une batterie du
même type ou d'un type recommandé par le constructeur.
Mettre au rebut les batteries usagées conformément aux
instructions du fabricant.
- (Swedish) VARNING
Explosionsfare vid felaktigt batteribyte.
Använd samma batterityp eller en ekvivalent
typ som rekommenderas av apparatillverkaren.
Kassera använt batteri enligt fabrikantens
instruktion.
- (German) Achtung
Explosionsgefahr bei Verwendung inkorrektter Batterien.
Als Ersatzbatterien dürfen nur Batterien vom gleichen Typ oder
vom Hersteller empfohlene Batterien verwendet werden.
Entsorgung der gebrauchten Batterien nur nach den vom
Hersteller angegebenen Anweisungen.

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PARTS GUIDE

CHAPTER 1. GENERAL DESCRIPTION

[1] Specifications

• GENERAL

Automatic dialing	Rapid Key Dialing: 48 numbers Speed Dialing: 100 numbers	Effective Scanning width	10.1" (256 mm) max.
Memory size*	2 MB (approx. 116 pages)	Effective Printing width	8.0" (203 mm) max.
Modem speed	33,600 bps (max.) Automatic fallback to lower speeds.	Reception modes	Auto/Manual
Transmission time*	Approx. 2 seconds	Instascan speed	30 ppm (letter paper)
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	Full Dual Access	Yes
Drum cartridge yield	Initial starter cartridge (included with fax machine): 20,000 pages (avg.) Replacement cartridge (FO-47DR): 20,000 pages (avg.)	Copy function	Single/Multi/Sort (99 copies/page)
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)	Power requirements	120 V AC, 60 Hz
Automatic document feeder	50 pages max. (20 lb letter paper)	Operating temperature	50 - 86°F (10 - 30°C)
Paper capacity	1250 sheets (one 250 sheet tray and two 500 sheet cassettes)	Humidity	20 to 85% RH
Compression scheme	MMR, MR, MH, Sharp (H2)	Power consumption	Standby: 13.5 W Maximum: 580 W
Halftone (grayscale)	64 levels	Dimensions	Width: 18.1" (460 mm) Depth: 15.2" (385 mm) Height: 20.1" (510 mm)
Applicable telephone line	Public switched telephone network	Weight	Approx. 54.2 lbs.(24.6kg)
Compatibility	ITU-T (CCITT) G3 mode	* 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).	
Printing resolution	Horizontal: 406 lines/inch (16 lines/mm) Vertical: 391 lines/inch (15.4 lines/mm) PC Printing: 600 dpi	Option	
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)	Toner cartridge	: FO-47ND
		Drum cartridge	: FO-47DR
		PC interface	: FO-47IF
		Option memory	: FO-3MK
		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.