

Thank you for purchasing the Kyocera FS-5800C Colour Laser Printer.

Notice

NO LIABILITY IS ASSUMED FOR ANY DAMAGE CAUSED BY IMPROPER INSTALLATION.

The information in this manual is subject to change without notification. Additional pages may be inserted in future editions. The user is asked to excuse any technical inaccuracies or typographical errors in the present edition.

SOFTWARE USED WITH THIS PRINTER MUST SUPPORT THE PRINTER'S NATIVE MODE OR ONE OF ITS EMULATION MODES. The printer is factory set to emulate the PCL 5C. The emulation mode can be changed by following the procedures described in *Using the Printer*.

No responsibility is assumed if accidents occur while the user is following the instructions in this manual. No responsibility is assumed for defects in the printer's firmware (contents of its read-only memory).

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Important note on the interface connectors

Be sure to turn off printer power before connecting or disconnecting an interface cable* to the printer. For protection against static discharge which may be applied to the printer's internal electronics through the interface connector(s), keep any interface connector which is not in use capped using the protective cap supplied.

* **A shielded interface cable must be used.**

Safety information

Laser safety

This printer is certified as a Class 1 laser product under the U.S. Department of Health and Human Services (DHHS) Radiation Performance Standard according to Radiation Control for Health and Safety Act of 1968. This means that the printer does not produce hazardous laser radiation. Since radiation emitted inside the printer is completely confined within protective housings and external covers, the laser beam cannot escape from the printer during any phase of user operation.

Laser notice

This printer is certified in the U.S. to conform to the requirements of DHHS 21 CFR Subchapter for Class I (1) laser products, and elsewhere is certified as a Class I laser product conforming to the requirements of IEC 825.

CAUTION Invisible laser radiation when open. AVOID DIRECT EXPOSURE TO BEAM.

Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

CDRH regulations

The Center of Devices and Radiological Health (CDRH) of the U.S. Food and Drug Administration implemented regulations for laser products on August 2, 1976. These regulations apply to laser products manufactured after August 1, 1976. Compliance is mandatory for products marketed in the United States. A label indicating compliance with the CDRH regulations must be attached to laser products marketed in the United States.

Ozone concentration

The printer generates ozone gas (O₃) which may concentrate in the place of installation and cause an unpleasant smell. To minimize concentration of ozone gas to less than 0.1 ppm, we recommend you not to install the printer in a confined area where ventilation is blocked.

IMPORTANT SAFEGUARDS

- 1.** Read all of these instructions and save these instructions for later use.
- 2.** Unplug this product from the wall outlet before cleaning.
- 3.** Do not use this product near water.
- 4.** Do not place this product on an unstable cart, stand, or table. The product may fall, causing serious damage to the product.
- 5.** Slots and openings in the cabinet and the back are provided for ventilation to ensure reliable operation of the product and to protect it from overheating, these openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug, or other similar surface. This product should never be placed near or over a radiator or heat register. This product should not be placed in a built-in installation unless proper ventilation is provided.
- 6.** This product is equipped with a 3-wire grounding type plug, a plug having a third (grounding) pin. This plug will only fit into a grounding-type power outlet. This is a safety feature. If you are unable to insert the plug into the outlet, contact your electrician to replace your obsolete outlet. Do not defeat the purpose of the grounding-type plug.
- 7.** Do not allow anything to rest on the power cord. Do not locate this product where persons will walk on the cord.
- 8.** If an extension cord is used with this product, make sure that the total of the ampere ratings on the products plugged into the extension cord do not exceed the extension cord ampere rating.
- 9.** Never push objects of any kind into this product through cabinet slots as they may touch dangerous voltage points or short out parts that could result in a risk of fire or electric shock. Never spill liquid of any kind on the product.
- 10.** Except as explained elsewhere in User's Manual, do not attempt to service this product yourself. Removing covers may expose you to dangerous voltage points or other risks. Refer all servicing in those compartments to service personnel.
- 11.** Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:
 - A – When the power cord or plug is damaged or frayed.
 - B – If liquid has been spilled into the product.
 - C – If the product has been exposed to rain or water.
 - D – If the product does not operate normally when the operating instructions are followed. Adjust only those controls that are covered by the operating instructions since improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to normal operation.
 - E – If the product has been dropped or the cabinet has been damaged.

CE Marking Directive

according to Council Directive 89/336/EEC and 73/23/EEC

Manufacturer's name: Kyocera Corporation, Printer Division
Manufacturer's address: 2-14-9 Tamagawadai, Setagaya Ward, Tokyo 158-8610, Japan

declares that the product

Product name: Colour Laser Printer
Model number: FS-5800C (as tested with enhancement optional units: PF-80 and HD-2C)

conforms to the following product specifications.

EN 55 022:1994 (Class B)
EN 61 000-3-2:1995 (Class A)
EN 61 000-3-3:1995
EN 50 082-1:1992
IEC 801-2:1991 (contact: level 2, air discharge: level 3)
IEC 801-3:1984 (level 2)
IEC 801-4:1988 (power lines: level 2, signal lines: level 2)
EN 60 950:1992+A1+A2+A3
EN 60 825-1:1994

The manufacturer and its merchandising companies retain the following technical documentation in anticipation of the inspection that may be conducted by the authorities concerned.

User's instruction that conforms to the applicable specifications
Technical drawings
Descriptions of the procedures that guarantee the conformity
Other technical information

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ISO 7779

Maschinenlärminformationsverordnung 3. GSGV, 18.01.1991: Der höchste Schalldruckpegel beträgt 70 dB(A) oder weniger gemäß ISO 7779.

Declaration of Conformity (Australia)

Manufacturer's name: Kyocera Corporation, Printer Division
Manufacturer's address: 2-14-9 Tamagawadai, Setagaya Ward, Tokyo 158-8610, Japan

declares that the product

Product name: Colour Page Printer
Model number: FS-5800C (tested with PF-80 and the HD-2C)

Conforms to the following product specifications.

AS/NZS 3548: 1995 (EN 55 022:1994 Class B)
IEC60950 (EN 60 950:1992+A1+A2+A3)
IEC60825 (EN 60 825:1994)

Description of device:

The model FS-5800C utilizes plain paper, laser, dry toner etc. The printer can be equipped with several enhancement optional unit[s] such as the harddisk unit HD-2C.

The manufacturer and its merchandising companies retain the following technical documentation in anticipation of the inspection that may be conducted by the authorities concerned.

- User's instruction that conforms to the applicable specifications
- Technical drawings
- Descriptions of the procedures that guarantee the conformity
- Other technical information

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ENERGY STARSM



As an ENERGY STAR Partner, Kyocera Corporation has determined that this product meets the ENERGY STAR guidelines for energy efficiency.

The basic objective of the ENERGY STAR Program is to reduce environmental pollution by encouraging the manufacture and sale of equipment that uses energy more efficiently.

This printer is equipped with a sleep timer function that conforms with the standards of the ENERGY STAR Program. This function makes it possible to reduce the amount of electrical power consumed by the printer. For maximum power savings, turn off the printer's power supply when not using the printer for extended periods of time.

Initial settings of the sleep timer function and power saved using the sleep timer function (Values in brackets are ENERGY STAR program guide lines.):

Initial sleep mode setting	Power consumption during sleep mode
60 minutes (60 minutes)	45 W (45 W)

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General

Warning

To prevent fire or shock hazard, do not expose this product to rain or any type of moisture.

Caution

Do not open covers and do not attempt to repair the unit yourself. Refer servicing to qualified personnel.

Power Source

Warning

- The power source voltage of this unit is listed on the nameplate. Only plug the unit into an outlet with the proper voltage.
- When you operate this equipment, the outlet should be near the equipment and accessible.
- To ensure safe operation the AC cord supplied must be inserted into standard three-prong AC outlet which is effectively grounded (earthed) through the normal wiring.
- The fact that the equipment operates satisfactorily does not imply that the power point is grounded (earthed) and that the installation is completely safe. For your safety, if in any doubt about the effective grounding (earthing) of the power point, consult a qualified electrician.
- If the plug cannot be inserted into the AC outlet, contact a licensed electrician to replace the outlet with a properly grounded (earthed) one. Do not defeat the purpose of the grounding (earthing) plug (e.g. using a conversion plug).

Laser Safety

Caution

This printer utilizes a laser. Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

Ozone Release

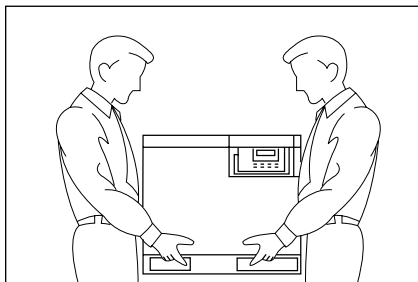
Warning

Make sure that the printer is installed in a well ventilated room so as not to increase density of ozone in the air. Since ozone is heavier than air, it is recommended that air at floor level be ventilated.


For Your Safety

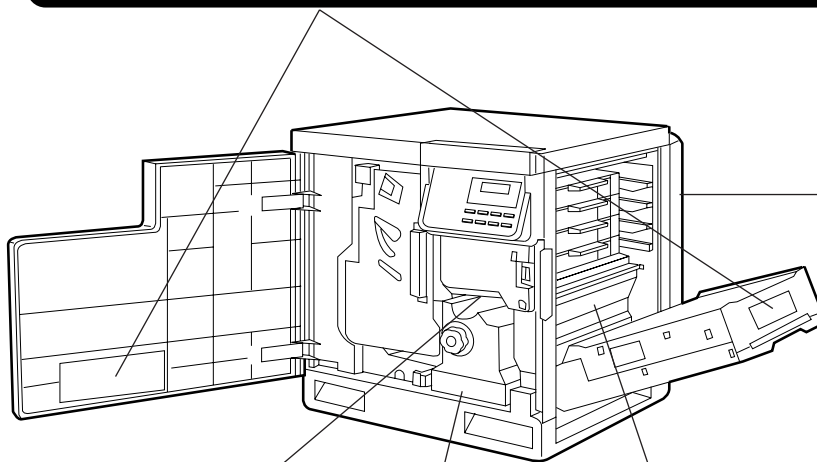
Moving the Unit

The printer weighs approximately 48 kg (105.8 lbs.). It must be handled by two people. Turn the power off and remove the power cord when handling the unit.



Caution Labels

<p>DANGER: Invisible laser radiation when open and interlock defeated. AVOID DIRECT EXPOSURE TO BEAM.</p>	<p>CAUTION: Invisible laser radiation when open and interlocks defeated. AVOID EXPOSURE TO BEAM.</p>	<p>VORSICHT: Unsichtbare Laserstrahlung, wenn Abdeckung geöffnet und Sicherheitsverriegelung überbrückt. NICHT DEM STRAHL AUSSETZEN.</p>	<p>ATTENTION: Rayonnement laser invisible dangereux en cas d'ouverture et lorsque la sécurité est neutralisée. EXPOSITION DANGEREUSE AU FAISCEAU.</p>		
<p>PELIGRO: Cuando se abre y se invalida el bloqueo, se producen radiaciones invisibles de láser. EVITESE LA EXPOSICIÓN A TALES RAYOS.</p>	<p>VARNING: Osynlig laserstrålning när denna del är öppnad och spärrar är urkopplade. STRÅLEN ÄR FARLIG.</p>	<p>VARO! Näkymätöntä avattaessa ja suojalukitus ohitettaessa olet alttiina lasersäteilylle. ÄLÄ KATSO SÄTEESEEN.</p>	<p>VARNING: Osynlig laserstrålning när denna del är öppnad och spärrar är urkopplad. BETRAKTA EJ STRÅLEN.</p>		<p>ADVARSEL: Usynlig laserstrålning ved åbning når sikkerhedsafbrydere er ude af funktion. UNNGÅ UDSÆTTELSE FOR STRÅLING.</p>




(220-240 VAC equipment)

CLASS 1 LASER PRODUCT
KLASSE 1 LASER PRODUKT
CLASSE 1 LASER PRODUIT
CLASE 1 LASER PRODUCTO

Laser diode properties

Laser output : 5 mW max
Wavelength : 780 nm
Emission duration : Continuous




CAUTION:
HOT SURFACE
INSIDE


ATTENTION:
SURFACE
CHAUDE
CI-INTERIEUR

VORSICHT:
HEISSE FLÄCHE
INTERN


ATENCION:
SUPERFICIE
CALIENTE
EN EL INTERNO



CAUTION:
HOT SURFACE
INSIDE



CAUTION:HOT SURFACE BELOW
ATTENTION:SURFACE CHAUDE CI-DESSOUS
VORSICHT:HEIßE OBERFLÄCHE DARUNTER
ATENCION:SUPERFICIE CALIENTE ABAJO





For Your Safety

FOR USERS IN U.K.

IMPORTANT:

FOR YOUR SAFETY PLEASE READ THE FOLLOWING TEXT CAREFULLY

This printer is supplied with a moulded three pin mains plug each for your safety and convenience. A 13 amp fuse is fitted in this plug. Should the fuse need to be replaced please ensure that the replacement fuse has a rating of 13 amps and that it is approved by ASTA or BSI to BS 1362.

Check for the ASTA mark  or the BSI mark  on the body of the fuse.

If the plug contains a removable fuse cover you must ensure that it is refitted when the fuse is replaced. If you lose the fuse cover the plug must not be used until a replacement cover is obtained. A replacement fuse cover can be purchased from your local dealer.

IF THE FITTED MOULDED PLUG IS UNSUITABLE FOR THE SOCKET OUTLET IN YOUR HOME THEN THE FUSE SHOULD BE REMOVED AND THE PLUG CUT OFF AND DISPOSED OF SAFELY. THERE IS A DANGER OF SEVERE ELECTRICAL SHOCK IF THE CUT OFF PLUG IS INSERTED INTO ANY 13 AMP SOCKET.

If a new plug is to be fitted please observe the wiring code as shown below. If in any doubt please consult a qualified electrician.

WARNING: THIS APPLIANCE MUST BE EARTHED.

IMPORTANT: The wires in this mains lead are coloured in accordance with the following code.

Green-and-Yellow: Earth Blue: Neutral Brown: Live

As the colours of the wire in the mains lead of this appliance may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows.

The wire which is coloured GREEN-AND-YELLOW must be connected to the terminal in the plug which

is marked with the letter E or by the Earth symbol , or coloured GREEN or GREEN-AND-YELLOW.

The wire which is coloured BLUE must be connected to the terminal in the plug which is marked with the letter N or coloured BLACK.

The wire which is coloured BROWN must be connected to the terminal in the plug which is marked with the letter L or coloured RED.

How to replace the fuse: Open the fuse compartment with a screwdriver and replace the fuse.

