

DIGITAL PRINTER
Xerox 6622 (LMC-1)
USER'S MANUAL

Version A.3 March 8, 2010



- Please read this **USER'S MANUAL** before using the printer.
- Please keep this **USER'S MANUAL** for future reference.

Thank you for purchasing the Xerox 6622.

This USER'S MANUAL contains functional and operational explanations for the Xerox 6622. Please read this USER'S MANUAL carefully before using the Printer. Please keep this USER'S MANUAL for future reference.

When this machine is installed in USA

FCC ID : VP8-K115

This equipment satisfies the requirements in Part 15 of FCC Rules for a Classic A computing device.

Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference.
- (2) This device must accept any interference received, including interference that may cause undesired operation.

In order to comply with FCC radio-frequency radiation exposure guidelines for an uncontrolled exposure, this device and its antenna must not be co-located or operating in conjunction with any other antenna or transmitter.

FCC 15.105(a)

NOTE: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. 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. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

FCC 15.21

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

When this machine is installed in Canada

IC Company No. & UPN No. : 7391A-K115

Operation is subject to the following two conditions:

- (1) this device may not cause interference, and
- (2) this device must accept any interference, including interference that may cause undesired operation of the device.

L' utilisation de ce dispositif est autorisée seulement aux conditions suivantes :

- (1) il ne doit pas produire de brouillage et
- (2) l' utilisateur du dispositif doit être prêt à accepter tout brouillage radioélectrique reçu, même si ce brouillage est susceptible de compromettre le fonctionnement du dispositif.

When this machine is installed in Europe

This equipment satisfies the requirements in Pub.22 of CISPR Rules for a Classic B computing device. Operation of this equipment in a residential area may cause unacceptable interference to radio and TV reception requiring the operator to take whatever steps are necessary to correct the interference.

Do not install this machine around electronic equipment or precision instruments. Other devices may be effected by electrical noise during operation.

If Machine is installed near other electronic equipment, such as a TV or a radio, interference to said equipment, such as noise or flickering, may occur. Use a separate power line and install the PRINTER as far as possible from said equipment.

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



The International ENERGY STAR ® Office Equipment Program is an international program that promotes energy saving through the penetration of energy efficient computers and other office equipment. The program backs the development and dissemination of products with functions that effectively reduce energy consumption. It is an open system in which business proprietors can participate voluntarily. The targeted products are office equipment such as computers, monitors, printers, facsimiles, copiers, scanners, and multifunction devices. Their standards and logos are uniform among participating nations.

The symbol shown indicates that this product conforms to Directive 2002/96/EC of the European Parliament and the council of 27 January 2003 on waste electrical and electronic equipment (WEEE) and does not apply to countries outside of EU.



Only For EU Member States

⚠ NOTE

Xerox 6622 will not function if no optional device is connected.
Please ask the Service Personnel for the optional device.

Safety Warning

The following warnings are very important in order to safely use this product.
These notes are very important in preventing danger to the operator or operation of the printer.

The following symbols are found throughout the USER'S Manual and have the following meaning:



WARNING

This WARNING mark means that there is a possibility of death or serious injury if you ignore or do not follow the said instruction.

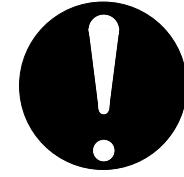


CAUTION

This CAUTION mark means that there is a possibility of injury or physical damage if you ignore or do not follow the said instruction.



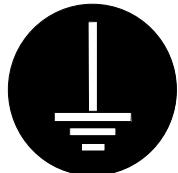
When marked with this symbol, "DO NOT ATTEMPT"



When marked with this symbol, "pay close attention to"



WARNING



Ground the product with a correct ground source or you may be electrically shocked.



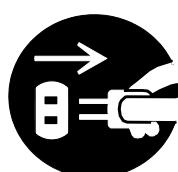
1. Connected outlet must satisfy the following condition.
U.S.A. / Europe : 220 - 240V (+6% / -10%), more than 16A, 50/60Hz
2. Use a circuit with an exclusive breaker.
3. Install the machine as close to the wall outlet as possible.
4. If you wish to move the printer, please contact to your service personnel.



1. Do not remove the screw and do not open the cover if not instructed to do so in this User's Manual. If you ignore this warning, you may be burnt or receive an electric shock due to a hot item or electrically charged part inside of the printer.
2. Do not disassemble or tamper with the printer. It may result in a fire or electrical shock.



1. Do not plug in the printer into a multi-wire connector in which some other equipment is plugged into. It may cause a fire due to outlet overheating.
2. Do not damage the Power Cord by stepping on or placing something heavy items on it. If the Power Cord is damaged, it may cause a fire or you may receive an electric shock. REPLACE THE CORD IF DAMAGED.



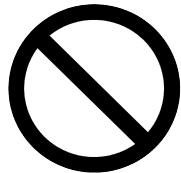
1. Do not PUT a flower vase, a flowerpot or any water-filled item on the product. Spilt water could cause a fire or an electric shock.
2. If the product generates an abnormal smell or noise, turn it off and unplug it from the wall outlet immediately.



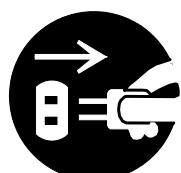
Do not throw the toner into a fire or other sources of heat, as it can explode.



CAUTION



Do not install the machine in a humidified room or a dusty room.
Also, do not install the machine on an unstable floor as injuries may occur.



1. Unplug the printer before you move it. The power cord may be damaged and it may result in a fire or electric shock.
2. If you do not use the printer for a long duration (holidays, company shutdown) turn off and unplug the printer from the outlet for safety.



Do not pull the cord when you unplug the printer as you may damage the Power Cord. Make sure to unplug the plug from the plug case.



There are hot items inside of the machine. Take great care not to touch these items when you remove mis-fed media.



Ventilate the room well if you print in a small area.

TABLE OF CONTENTS

Chapter 1 Before Use

	Page
1. 1 Installation Requirements	1- 2
1. 2 Originals Prohibited from Duplication	1- 3
1. 3 Features	1- 4
1. 4 Specifications	1- 5
1. 5 Appearance	1- 7
1. 5. 1 Front view	1- 7
1. 5. 2 Right side view	1- 8
1. 5. 3 Rear view	1- 9
1. 5. 4 Operation Panel	1-11
1. 5. 5 Media Indicators	1-13

Chapter 2 Basic Operations

	Page
2. 1 Turning on the Xerox 6622	2- 2
2. 2 Turning off the Xerox 6622	2- 4
2. 3 Setting the Roll Media into Roll Deck	2- 5
2. 4 Setting Cut Sheet Media to Bypass Feeder	2-13
2. 4. 1 Multi-feeding of cut sheet media	2-14
2. 4. 2 Singular feeding of cut sheet media	2-15
2. 5 Replacing the Toner Cartridge	2-17
2. 6 Dehumidifying the Roll Media	2-21
2. 7 Initial Cut (Straighten the leading edge of roll media)	2-23
2. 8 User Modes	2-25
2. 8. 1 User Mode 1 (Test Print)	2-26
2. 8. 2 User Mode 2 (Calendar setting)	2-28
2. 8. 3 User Mode 3 (Warm Sleep Mode ON / OFF & timer setting)	2-33
2. 8. 4 User Mode 4 (Cold Sleep Mode timer setting)	2-37
2. 8. 5 User Mode 5 (Automatic Initial Cut at power ON)	2-40
2. 8. 6 User Mode 6 (Transfer Support LED ON/OFF [Film])	2-43
2. 8. 7 User Mode 7 (Alarm ON / OFF)	2-46
2. 8. 8 User Mode 8 (Choice of Standard / Special Print Mode [Plain paper])	2-49
2. 8. 9 User Mode 9 (Choice of Standard / Special Print Mode [Tracing paper])	2-53
2. 8.10 User Mode A (Choice of Standard / Special Print Mode [Film])	2-57
2. 8.11 User Mode B (Selection of Image Enhancement Mode)	2-61
2. 8.12 User Mode D (Error check level for E-26 error)	2-64
2. 8.13 User Mode E (Error check level for E-28 error)	2-67

Chapter 3 Error Corrections and Maintenance

	Page
3. 1 Media Mis-feed Errors	3- 2
3. 1. 1 Mis-feed in Roll Decks (J-01, J-02, J-03 & J-04)	3- 3
3. 1. 2 Mis-feed in the Bypass Feeder (J-05)	3- 6
3. 1. 3 Mis-feed between Cutter and Drum (J-11)	3- 7
3. 1. 4 Mis-feed on Internal Transportation Unit (J-12) and Fuser Entrance (J-13)	3-11
3. 1. 5 Mis-feed in Fuser Unit (J-14)	3-18
3. 1. 6 Mis-feed in Auto Stack (J-22)	3-24
3. 2 Open Errors	3-25
3. 2. 1 Top Drawer Open (U-01)	3-25
3. 2. 2 Middle Drawer Open (U-02)	3-25
3. 2. 3 Bottom Drawer Open (U-03)	3-26
3. 2. 4 Internal Transportation Unit Open (U-04)	3-26
3. 2. 5 Right Side Front Door Open (U-06)	3-26
3. 2. 6 Bypass Feeder Open (U-11)	3-27
3. 2. 7 Right Side Rear Door Open (U-12)	3-27
3. 2. 8 Top Rear Cover Open (U-13)	3-27
3. 2. 9 Exit Cover Open (U-14)	3-28
3. 3 Toner Cartridge Error (C-01)	3-29
3. 4 Service Call Errors	3-30
3. 5 Interruption of Print by Temperature Control	3-31
3. 6 Maintenance	3-32
3. 6. 1 Cleaning the Image Corona	3-32
3. 6. 2 Cleaning the LED Head	3-33

Chapter 1

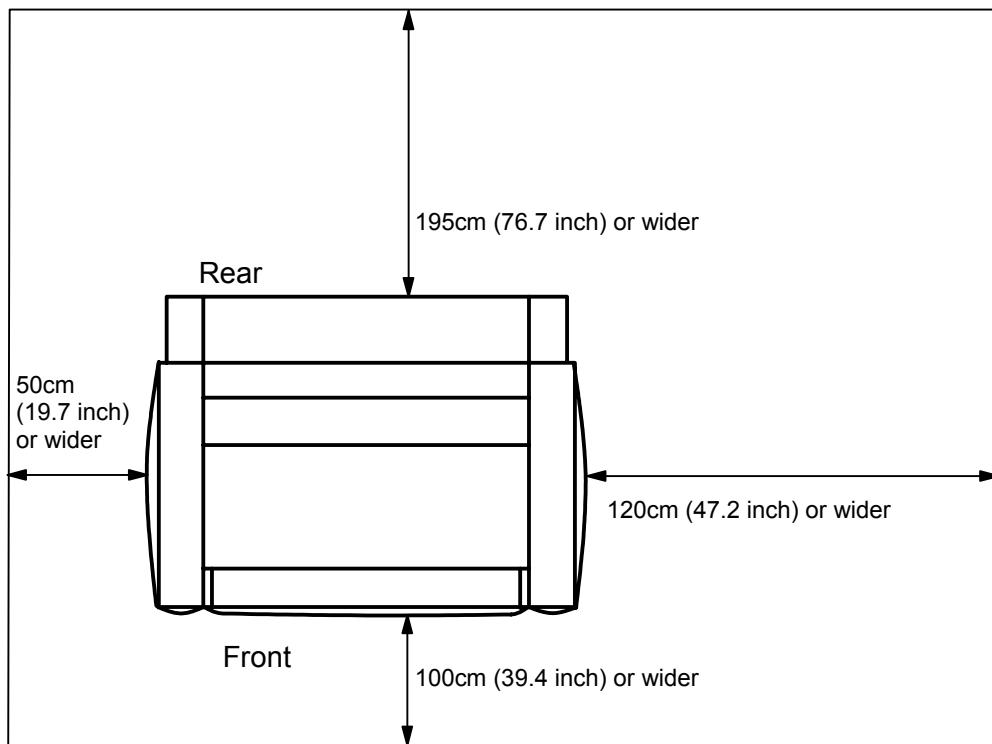
Before Use

	Page
1. 1 Installation Requirements	1- 2
1. 2 Originals Prohibited from Duplication	1- 3
1. 3 Features	1- 4
1. 4 Specifications	1- 5
1. 5 Appearance	1- 7
1. 5. 1 Front view	1- 7
1. 5. 2 Right side view	1- 8
1. 5. 3 Rear view	1- 9
1. 5. 4 Operation Panel	1-11
1. 5. 5 Media Indicators	1-13

1. 1 Installation Requirements

The following conditions are required for installation of the equipment.

- (1) Power source should be as follows (according to your region).
U.S.A. / Europe 220 - 240V (+6% / -10%), 16A, 50/60Hz
- (2) The equipment must be on an exclusive circuit.
The outlet must be near the equipment and easy accessible.
- (3) Make sure to connect this equipment to a grounded outlet.
- (4) The site temperature range = 10 - 32.5 degrees centigrade, with the humidity between 20% - 80% RH (NON CONDENSING).
Keep the equipment away from water sources, boilers, humidifiers or refrigerators.
- (5) The installation site must not have open flames, dust or ammonia gases.
- (6) The equipment should not be exposed to the direct sunlight.
Please draw curtains to block any sunlight.
- (7) Ozone will be generated while this equipment is in use, although the quantity generated is within safe levels. (see certifications)
Ventilate the room, if required.
- (8) Levelling Bolts on the bottom of the Xerox 6622 should touch the floor correctly.
And the equipment must be levelled.
Floor strength must be ample to sustain the weight of the equipment.
- (9) Keep ample room around the equipment to ensure comfortable operation.
Required space is noted.



1. 2 Originals Prohibited from Duplication

It may be illegal to duplicate or copy certain types of originals and you may be punished by local or regional laws, if copies are made of these types of originals. Please be aware of your local or regional laws and which originals they forbid you to duplicate.

Some Examples:

[Originals prohibited from copying by the law(s)]

1. Do not copy Currency (Bill, Money, Bank Note, etc.), Government issued Negotiable Instruments (National Bonds, Security, Local Debt Bonds, etc.).
2. Do not copy Foreign Currency or Foreign Negotiable Instruments.
3. Do not copy unused postal stamps or government postcards without permission to make replica from said Governments.
4. Do not copy Government issued revenue stamps, certificate stamps that are prescribed by Liquor Tax Act or the Commodity Tax Act.

[Special items which require your attention]

1. The government issues warnings if you are to copy private issued securities (stock certificate, draft, check, goods ticket, etc.), commutation ticket or book of tickets, excluding that some specific company copies such originals as many as it requires for its own business.
2. We recommend you not copy originals as government issued passports, public or private issued licenses, automobile inspection certification, ID and tickets passes or meals.

[Originals protected by the copyright]

It is prohibited to copy originals such as books, music, paintings, printed copies, maps, drawings, movie posters and pictures which are protected by the copyright laws.
Please see your local or regional laws.

1. 3 Features

(1) New Contact Development Technology with non-magnetic mono-component toner

Superior image quality	High definition line, distinctive greyscale and consistent solid black can be produced.
100% toner efficiency	No waste toner is generated. Neither cleaning mechanism nor waste toner receptacle is needed. It is environmentally friendly and can reduce the running cost.

(2) Superior printing productivity

Xerox 6622's fast print speed (240mm/sec) enables to process large volume of prints/copies (11 A0/minute).

(3) Long parts life and low frequency of service maintenance

Several mortal parts are durable for very long term use. Self-cleaning functions of Xerox 6622 enables the operator to enjoy nice image for a long term without maintenance.

(4) Pre-calibrated LED Head

All LED pixels are individually calibrated to realize the best image quality.

(5) Image Enhancement Technology

According to the printed image pattern, the best level of Image Enhancement is automatically performed.

(6) Installation of roll media and Toner Cartridge on printing

It is possible to install a new roll media or Toner Cartridge without interrupting printing operation.

(7) Long print

The maximum print length guaranteed is 6 meters (with plain paper).

The maximum possible length is 24 meters. (Quality of print is not guaranteed.)

1. 4 Specifications

Subject	Specification
Model	Xerox 6622
Type	Console
Printing method	LED Array Electro Photography
Photoconductor	Organic Photoconductive Drum
Print speed	240mm / second (11 A0/minute)
Exposure method	LED Print Head
Resolution	600dpi x 600dpi
Print width	Max : 914mm (36 inches) Min : 297mm (11 inches)
Print length	Max : Plain paper 6000mm when A0 or 36" or 5 x each standard length Tracing paper A0 / 36 inch Film A0 / 36 inch NOTE : Longer print than the above specified maximum lengths is available. However, any result including image quality and media feeding is not guaranteed if the print is longer than the above specified lengths. Min 210mm
Warm up time	Shorter than 6 minutes (At 23 degrees centigrade, 60% RH and 230V)
First print time	Shorter than 18 seconds (A0)
Fusing method	Heat roller fusing
Development	Contact type mono component non-magnetic development system (Initial toner is unnecessary. One toner cartridge contains 500g.)
Charging method	Corona
Media feeding method	Automatic roll feeding (4 Roll Decks) Manual bypass feeding NOTE : Multiple cut sheet feeding (50 sheets max) is available when the size is narrower than A2 (594mm) or 24".
Transfer method	Corona
Separation method	Corona and LED
Input power	220 - 240V (+6% / -10%), 16A and 50/60Hz in U.S.A. and Europe
Interface	Interface 8 (LVDS) USB2.0 (5VDC max)
Maximum power consumption	When 230V, 50/60Hz and Dehumidify Heater is ON Stand by 0.9 Kwh Printing 3.2 Kwh
Acoustic noise	Less than 70db (Printing) NOTE : Impact noise is excluded. Less than 60db (Stand by)
Ozone	Less than 0.05ppm (Average of 8 hours)
Dimensions	1360mm (Width) x 980mm (Depth) x 1265mm (Height)
Weight	About 400kg
Media	(Available types) Plain paper 70 - 90g/m ² Tracing paper 70 - 90g/m ² Film Thickness is 100 micrometer or thinner.

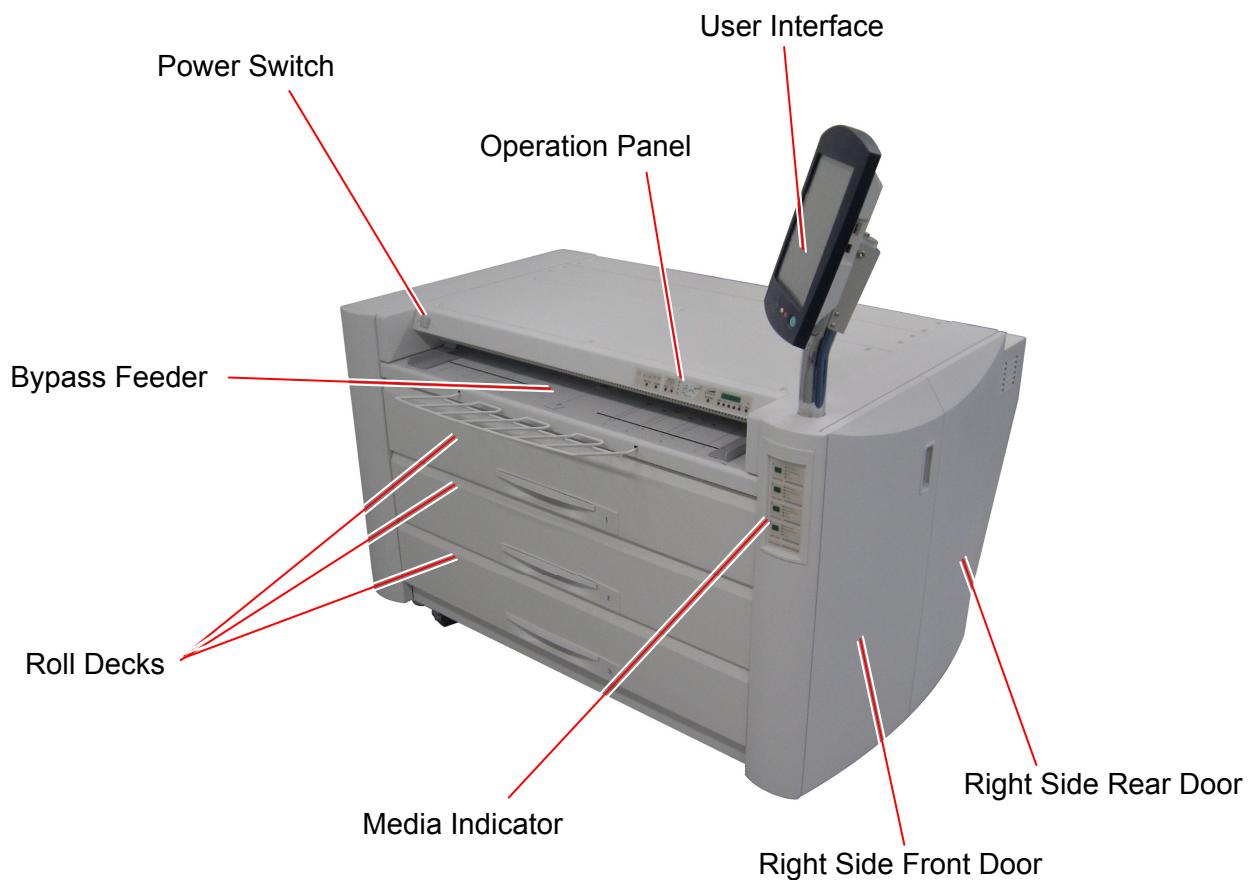
Subject	Specification
Environmental condition	Temperature 10 - 32.5 degrees centigrade Humidity 20 - 80% RH
Storage condition of consumables	Print media Keep the media surely in a plastic bag and close to shut out the humidity. Toner Keep the toner cartridge away from the direct sunlight, and store it in the condition of 0 - 35 °C and 10 - 85% RH.

 **NOTE**

These specifications may be changed without notice.

1. 5 Appearance

1. 5. 1 Front view



Name of part	Function
Power Switch	Turns on/off the Xerox 6622.
Bypass Feeder	Cut sheet media can be fed into. Multiple cut sheet feeding (50 sheets max) is available when the size is narrower than 24"/A2.
Operation Panel	Indicates the status such as, error, mis-feed location, and etc.
Roll Decks	4 rolls of media can be set in 3 drawers. Roll Deck 1 : (Top drawer) Roll Deck 2 : (Middle drawer) Roll Deck 3 : (Front side of bottom drawer) Roll Deck 4 : (Rear side of bottom drawer)
Media Indicator	Informs the size and the type of roll media loaded on each Roll Deck.
Right Side Front Door	Can access to the Toner Supplying Mechanism and replace the Toner Cartridge.
Right Side Rear Door	Can access the internal of Xerox 6622 for removing the mis-fed media.
User Interface	Touch Screen offers many kinds of user operation.