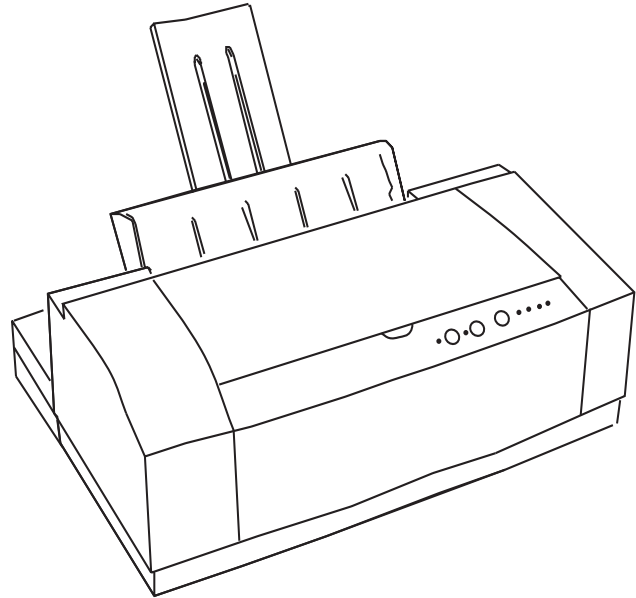# OKIJET *2500*

User's Guide

Every effort has been made to ensure that the information in this document is complete, accurate, and up-to-date. Oki assumes no responsibility for the results of errors beyond its control. Oki also cannot guarantee that changes in software and equipment made by other manufacturers and referred to in this guide will not affect the applicability of the information in it. Mention of software products manufactured by other companies does not necessarily constitute endorsement by Oki.

This edition 04/1998.

Oki is a registered trademark of Oki Electric Industry Company, Ltd.

Energy Star is a trademark of the United States Environmental Protection Agency.

Energy Star

As an Energy Star Partner, Oki has determined that this product meets the Energy Star guidelines for energy efficiency.

Contents

Safety Instructions

Your Oki printer has been carefully designed to give you years of safe, reliable performance. As with all electrical equipment, however, there are a few basic precautions you should take to avoid hurting yourself or damaging the printer:

- Read the setup instructions in this handbook carefully. Be sure to save it for future reference.

- Read and follow all warning and instruction labels on the printer itself.

- Unplug the printer before you clean it. Use only a damp cloth; do not use liquid or aerosol cleaners.

- Place your printer on a firm, solid surface. If you put it on something unsteady, it may fall and be damaged; if you place it on a soft surface, such as a rug, sofa, or bed, the vents may become blocked, causing the printer to overheat.

- To protect your printer from overheating, make sure all openings on the printer are not blocked. Do not put the printer on or near a heat source, such as a radiator or heat register. Keep it out of direct sunlight. Allow enough room around the printer for adequate ventilation and easy access to the paper trays.

- Do not use your printer near water, or spill liquid of any kind on it.

- Be certain that your power source matches the rating listed on the back of the printer. If you are not sure, check with your dealer or with your local power company.

- Your printer has an earthed, 3-pin plug as a safety feature, and it will only fit into an earthed outlet. If you cannot plug it in, chances are you have an older, non-earthed outlet; contact an electrician to have the outlet replaced. Do not use an adapter to defeat the earthing.

- To avoid damaging the power cable, do not put anything on it or place it where it will be walked on or damaged. If the cable becomes damaged or frayed, replace it immediately.

- If you are using an extension cable or power strip with the printer, make sure that the total current (amperes) required by all the equipment on the extension is less than the extension's rating. The total ratings of all equipment plugged into the outlet should not exceed 15 amperes.

- The power outlet into which you plug your printer must remain accessible at all times.

- It is recommended that the printer be switched off prior to opening or removing covers.

- Do not poke anything into the ventilation slots on the printer; you could get a shock or cause a fire.

- Aside from the routine maintenance described in this handbook, do not try to service the printer yourself; opening the cover may expose you to shocks or other hazards.

- Do not make any adjustments other than those outlined in the handbook since you may cause damage requiring extensive repair work.

If anything happens that indicates that your printer is not working properly or has been damaged, unplug it immediately and contact your dealer.

These are some of the things to look for:

- The power cable or plug is frayed or damaged.

- Liquid has been spilled into the printer, or it has been exposed to water.

- The printer has been dropped, or the cabinet is damaged.

- The printer does not function normally when you are following the operating instructions.

This product complies with the requirements of the Council Directives 89/336/EEC and 73/23/EEC on the approximation of the laws of the member states relating to electromagnetic compatibility and low voltage.

Control Panel Buttons and Indicators

The control panel has three buttons and six lights (LEDs) that are used to control and display the condition of the printer. Each button and LED has multiple functions.

The significance of each LED is determined by whether or not the light is lit or if the light is blinking. The function of each of the buttons and LEDs is explained in the following pages.

Power
LED

Power /
Reset

Error
LED

Resume/FF

Cartridge
Change / Clean
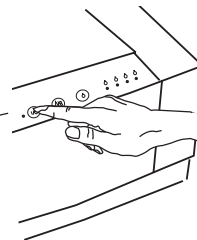
Black LED

Cyan LED

Magenta LED

Yellow LED

Power/Reset button

Press and release the button once to turn the printer **ON**.

If the printer is **ON**, press and release the button to reset the printer.

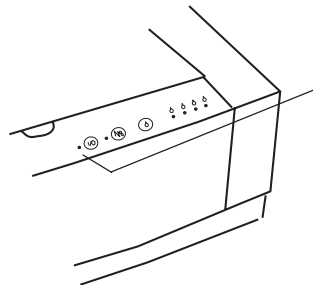When the green **Power LED** is lit, the printer is ONLINE and ready to print.

Note: *If the **Power/Reset** button is pressed during the print cycle, the printer will complete the current line before it stops printing.*

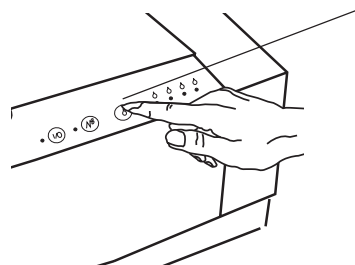*Note:* *When the printer is reset, the following occurs:*

- *The data remaining in the buffer is cleared.*
- *The permanently stored settings in the printer memory are retained.*

Power LED

The green **Power LED** will blink when the printer is processing data. The green **Power LED** will be **ON** when the printer is ONLINE and is ready to print.

Resume/FF Button

Resume Printing: Press and release the **Resume/FF** button.

Eject Paper: Press the **Resume/FF** button and hold for 2 seconds then release the button.

Clear Errors: Press and release the **Resume/FF** button.

Print a Demo Page: With no data in the print buffer, press the **Resume/FF** button and hold for 2 seconds then release the button.

Cartridge Change/Clean button

Cartridge Change: Press and release the **Change Cartridge/Clean** button. Refer to the label on the inside of the Carriage Cover to change the cartridge.

Clean Cartridge: Press and hold the **Change Cartridge/ Clean** button for 2 seconds and then release. This activates the cleaning cycle.
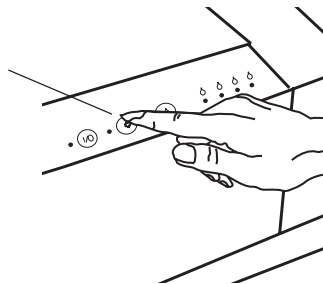
Note: *This function is operational only when the **Power LED** is **ON**.*

Note: *Cartridge changing and cartridge cleaning can be executed during printing. The printer finishes printing the current line, cleans the cartridge, then resumes printing. Changing the cartridge during printing may affect the print quality.*

Error LED

Recoverable Error (steady light): Press and release the **Resume/FF** button.

Non-Recoverable Error (flashing LED): Refer to the "Troubleshooting" section in this guide.

Note: *When the red Error LED is lit, the printer is in an error status condition. When a recoverable error has occurred, the light will stay lit.*

Low Ink Indicators

The four Low Ink Indicators are **OFF** when the Colour Print Head is installed and the Ink Cartridges contain ink.

The four Low Ink Indicators are **ON** when they are low on ink. Purchase a new Ink Cartridge. The Ink Cartridge will soon be empty.

The four Low Ink Indicators **BLINK** when the Ink Cartridge is empty. Replace the Ink Cartridge at this time.

Print Head Care

The OKIJET 2500 requires minimal maintenance. The procedures in this section of the manual describe routine Print Head maintenance and cleaning.

Replacing/swapping the print head (colour or black-only)

Note: *If your printer has never had a Print Head installed, refer to the "Installing the Print Head for the first time" section of your Setup Guide for instructions.*

Note: *The printer must be turned **ON** to perform the following steps.*

1. Press the **Cartridge Change/Clean** button on the control panel.

2. Open the Top Cover.

3. Once the Carriage moves to the centre and stops, move the green Cartridge Lock Lever to the forward position and remove the Print Head.

Caution: **Ensure that the green Carriage Lock Lever is STILL in the forward position before performing the next step.**

4. Reinstall the Print Head by aligning the hole in the Print Head with the green post on the Printer Carriage. Lower the Print Head down gently into position.

5. Move the green Cartridge Lock Lever backwards to secure the Colour Print Head. Close the Top Cover.

Note: *The Print Head must be stored in the Print Head Storage Box when not installed in the printer. If the Print Head is not stored in the printer or the storage box, premature failure of the Print Head will result.*
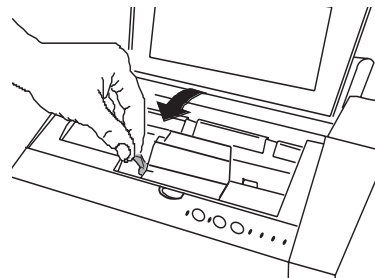
6. Place the Print Head in the Print Head Storage Box and firmly click shut the box cover.

Printhead Storage Box

7. Press the **Cartridge Change/Clean** button. The printer will prepare the cartridge for printing.

Note: *If the carriage does not return home after the Cartridge Change button is pressed, try removing and reinstalling the Print Head.*

Replacing ink cartridges

This section explains how to replace an Ink Cartridge without removing the Print Head from the printer.

> *Always use genuine Oki consumables. Some alternatives can cause serious damage and may affect your warranty.*

1. Press the **Cartridge Change/Clean** button on the control panel.

2. Open the Top Cover.

WARNING!
Keep the Ink Cartridges out of the reach of children.
Do not get the ink near your eyes or mouth.

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3. Remove the empty Ink Cartridge from the Colour Print Head.

Note: Do not remove the Ink Cartridge until you have a replacement cartridge ready to install.

4. Holding the ink cartridge bag upside down, tear the bag open using the slit in the top left hand corner, as illustrated. Slowly remove the new Ink Cartridge from the plastic bag. A protective strip of plastic is pulled from the Ink Cartridge as the plastic bag is removed. Follow the instructions on the ink cartridge bag.

Note: Do not touch the uncovered hole in the Ink Cartridge. The ink will get on your hands, if you touch it.

Caution: Do not force fit the Ink Cartridge into the Print Head.

5. Insert the Ink Cartridge into the correct location on the Colour Print Head as shown. The Ink Cartridges and corresponding locations are colour coded and numbered.

6. Snap the Ink Cartridge into position. Close the Top Cover.

7. Press and release the **Cartridge Change/Clean** button. The printer will prepare the Print Head for printing.

Print head storage box

This Storage Box is designed to protect one Print Head when the other one is installed in the printer. The box will hold either the Colour Print Head or the optional Black Ink Jet Cartridge when not in use. The Print Head Storage Box can be attached to the back of the printer. If space limitations are a concern, the Print Head Storage Box can be stored elsewhere.

Print head storage box

Note: *It is strongly recommended that the Print Head be stored in the Storage Box. The Storage Box should be placed in a cool location away from direct sunlight. For best performance, once a month the Print Head should be taken out of the Storage Box, installed in the printer and a few demo prints run before being stored once again, in the Storage Box.*

Keep the Ink Cartridges out of the reach of children.
Do not get the ink near your eyes or mouth.

Caution: *Do not touch the uncovered Print Head when removing the Print Head. Ink will get on your hands and the Print Head may become contaminated.*

Caution: *Avoid contact of the Print Head with hands and clothing. The ink cannot be removed easily from these items.*

Transporting the printer

When moving the printer from one location to another, remove the Print Head and place it in the Print Head Storage Box during transit. This will prevent the Print Head and Ink Cartridges from being damaged during the move.

Cleaning the printer cover

Caution: *To avoid damage to the printer, do not pour or spray water directly onto the printer. Use only water to moisten the cleaning cloth. Do not use detergent, alcohol, etc.*

1. Press and hold the **Power** button for 2 seconds to switch the printer OFF.

2. Unplug the Power Cable from the wall outlet.

3. Slightly dampen a soft clean cloth with water and wipe the Printer Cover.

4. Wipe Printer Cover dry with a clean cloth.

5. Reconnect the Power Cable.

Selecting Printer Options

The purpose of this section is to provide information about how to use the options in the OKIJET 2500 Printer Driver.

Accessing printer settings

Note: *The application may override any options that are selected using the printer driver.*

Control of your print settings is provided from the dialogue box of the OKIJET 2500 Windows™ Printer Driver. The way you access the printer settings will vary depending on your application.

There are two ways to access the OKIJET 2500 Windows™ Printer Driver:

1. **From within your Windows™ application:**

   You typically select **Print...** or **Print Setup...** from the File menu of your application, and then select **Options** or **Properties**. Each application determines the path needed to display the OKIJET 2500 dialogue box.

2. **Windows™ 3.1:**

   From the Control Panel, open the Printers dialogue box then select the OKIJET 2500 Printer from the Installed Printers list. Click the **Setup** button.

   Windows 95™:

   Select **Start**, **Settings**, then **Printers**. Highlight **OKIJET 2500** and open **Properties**.

For information about the available settings, refer to the on-line help system.

Spool manager

The Spool Manager is a queue for pending print jobs. There are some conditions during which some jobs will not print and will be held in the queue.

To release the documents for printing, perform the following:

1. Open the Spool Manager.

2. Select the OKIJET 2500 printer.

3. Pull down the **Queue** menu and select the checked **Hold** menu item to release the document for printing. The status will change to **Active**.

If you continue to have problems, close the Spool Manager. Do not save the job and resend the document.

Note: *Individual documents can be deleted by using the pull down* **Document** *menu.*

Troubleshooting

Clearing paper misfeeds

1. The red **Error Light** will be lit to indicate a paper jam.

2. Remove all paper from the Paper Tray.

3. Fan the paper and reinstall it in the Paper Tray. Press and release the **Resume/FF** button to continue the print job.

4. If the misfeeds continue, flip the paper stack over, press and release the **Resume/FF** button to continue the print job.

Clearing paper jams

If the trailing edge is accessible

If the trailing edge of the paper is accessible in the paper tray, grasp it, then press the **Resume/FF** button for two seconds. This will free the paper so that you can pull it out.

If the trailing edge is not accessible

1. If you cannot reach the trailing edge of the paper in the Paper Tray, remove the unused paper from the tray.

2. Remove the Paper Output Shelf.

3. Grip the Paper Tray with your fingers and squeeze the green tabs backwards to release the tray.

Green Tabs

4. Swing the Paper Tray down towards the back and withdraw from the printer.

5. Remove the jammed sheet of paper from the printer.

6. Reinstall the Paper Tray: press in on the Feed Plate and insert the tray into the back of the printer, then swing it towards you and press down on the green tabs.

Feed Plate

Green Tabs

7. Reinstall the Paper Output Shelf.

8. Fan the paper and reinstall it in the Paper Tray.

9. Press and release the **Resume/FF** button to continue the print job.

Clear multi-page paper jams

If a bunch of ten or more pages has jammed in the printer, removing the Paper Tray will not allow sufficient clearance to extract it. To correct such a paper jam, lift the cover of the printer and press on the green paper jam symbol inside. This will release the paper and allow you to remove it.

Problem Solving

The following charts list some conditions that may occur and the recommended solutions. Follow the suggested solutions until the problem is corrected. If the problem persists, contact your local authorized Oki representative.

Printer Power LED does not turn on

Cause: *No power from outlet.*

Solution: Connect the power cable to a different power outlet.

Cause: *Power cable is not securely inserted into the power outlet or printer inlet.*

Solution: Remove the power cable from the wall outlet. Then remove the power cable from the printer power inlet. Plug the power cable into the printer power inlet and then into the wall outlet.

Cause: *Power cable is damaged.*

Solution: Check the power cable and replace if damaged.

Printer output does not reflect the options selected

Cause: *The options selected with the print driver are being overridden by the application.*

Solution: The application will override any options that are selected using the printer driver. Choose the desired options through your application.

Blank print

Cause: *Print Head, cable or PC.*

Solution: Open Windows Printer Driver and under '*Printer Services*' generate a test print.

- Test print is OK:
  - Check cable or PC.
- Test print is blank:
  - Remove and reinstall Print Head.
  - Press the **Cartridge Change/Clean** button for 2 seconds to clean (clean and restore) the Print Head. Repeat if necessary.
  - Replace the Print Head.
  - Contact your local authorized Oki representative.

Data is sent but not printed

Cause: *Printer is not set for local port.*

Solution: Check the port setting (usually LPT1) for your printer to be sure that it is not being directed either to a remote printer or to print to file. (In Windows 3.1x, double click the Control Panel icon, double click **Printer**, click **Setup**, **Connect…**, **Network…**. In Windows 95, press **Start**, select **Settings**, **Printers**: click the OKIJET 2500 icon with the right mouse button: click **Properties**, **Details**).

Cause: *Interface cable is not connected properly.*

Solution: Press and release the **Power on/Reset** button to make the printer stop its operation. Then properly reconnect the interface cable to the printer and host computer.

Cause: *Interface cable is damaged.*

Solution: Check the interface cable and replace if damaged.

Cause: *The type of interface is incorrect.*

Solution: Verify that the computer is using the parallel interface. Check your software manual to ensure that your software communicates to the interface port that your printer is connected to.

Cause: *Ready light is flashing.*

Solution: Press and release the **Resume/FF** button to continue printing.

Cause: *Interface Cable.*

Solution: Correct cable - IEEE1284 compliant parallel bidirectional interface cable.

Error light turns on

Cause: *Printer is out of paper.*

Solution: Add paper to the Paper Tray. Press the **Resume/FF** button.

Cause: *Print Head has not been correctly installed.*

Solution: Remove and reinstall the Print Head.

Cause: *Carriage position error has occurred.*

Solution: Press the **Resume/FF** button to clear the error and eject the paper.

• Ensure that all packing material is removed.

Cause: *Paper feed error has occurred.*

Solution: If paper has misfed, remove the jammed paper. Refer to "Clearing paper misfeeds" in this chapter of the manual for information.

Error light flashes

Cause: *An internal printer fault has occurred.*

Solution: Switch the printer **OFF** then **ON** again. If the problem persists, contact your local authorized Oki representative.

White horizontal lines and streaks

Cause: *The Print Head nozzles are blocked.*

Solution: Press the **Cartridge Change/Clean** button for 2 to 5 seconds to clean and restore the Print Head.

Print a Test page (hold **Resume/FF** button while turning printer on). If the Test page still shows nozzles not firing, repeat the above process up to 5 times. If the problem continues, replace the Print Head.

Cause: *The Ink Cartridge is empty.*

Solution: Replace the Ink Cartridge.

Print is faint or missing

Cause: *The paper being used is not one of the recommended types.*

Solution: Refer to the "Selecting & Ordering Supplies" section of this manual for paper recommendations.

Cause: *The paper is damp.*

Solution: Reload with fresh paper.

Cause: *The Print Head nozzles are blocked.*

Solution: Press the **Cartridge Change/Clean** button for 2 to 5 seconds to clean and restore the Print Head.

Print a Test page (hold **Resume/FF** button while turning printer on). If the Test page still shows nozzles not firing, repeat the process 2 more times. If the problem is not corrected, replace the Print Head.

Cause: *Printer is in the Fast mode.*

Solution: Use the printer driver to select a different mode.

Cause: *The Ink Cartridge is clogged, defective or empty.*

Solution: Replace the Ink Cartridge.

Blurry, or jagged vertical lines

Cause: *Paper problem.*

Solution: Turn the paper over to print on the other side.

Cause: *Print Head out of alignment.*

Solution: • Perform Print Head alignment procedure in the printer driver. (Access via the '*Printer Services*' button).
   • Switch to High Quality print mode in the printer driver.

Print image is clipped or off edge of print media

Cause: *The selected document margins exceed the printer margins.*

Solution: Adjust margins in the application as necessary.

Cause: *Incorrect settings for media type and/or type in the printer driver setup.*

Solution: Ensure correct selection of media size and type in the printer driver setup.

Paper is not feeding properly

Cause: *Paper jams / multifeeds.*

Solution: • Align the left edge of the paper with the Left Paper Guide. Adjust the Paper Guide Lever to the right edges of the paper.
   • Remove paper, fan the paper then reload.
   • Use new paper.
   • Ensure that paper is loaded properly. Do not over load the Paper Tray.
   • Make sure that only one type of paper is loaded in the tray: mixing different types of paper in the tray will cause paper jams.
   • Verify use of recommended media. Refer to "Selecting and Ordering Supplies".

Low Ink Indicators ON

Cause: *Low ink.*

Solution: Purchase new ink Cartridges. Ink Cartridges will soon be empty.

Low Ink Indicators blinking

Cause: *Ink Cartridge empty.*

Solution: Replace Ink Cartridge.

Cause: *Wrong brand of Ink Cartridge installed.*

Solution: Replace Ink Cartridge with Oki Ink Cartridge.

Cause: *Ink Cartridge not installed correctly.*

Solution: Press down on the cartridges to ensure that they are properly seated.

Paper does not stack neatly in the Output Shelf

Cause: *The Star Wheel assembly bar has become disengaged.*

Solution: Press down firmly on both ends of the Star Wheel assembly bar at the same time to click it back in position.

Star Wheel Assembly Bar

Poor print quality when printing in High Quality mode.

Cause: *The halftone setting needs to be changed to obtain optimum printing for the job.*

Solution: In the **Printer Setup** dialogue box, select **Fine Dither** under **Halftone** in the **Advanced** tab**.**

Poor print quality when printing on transparencies

Cause: *'Transparency' is not selected as the Media.*

Solution: In the **Printer Setup** dialogue box, select **Transparency** as the **Media** in the **Main Controls** tab**.**

Cause: *The document was printed on the wrong side of the transparency.*

Solution: Remove the transparencies from the printer, turn them over, and reinsert them. The rough side should face the paper tray.

Selecting and Ordering Supplies

Ordering supplies

To order supplies for your printer contact your local Oki dealer or representative.

Cartridges and print heads

The following supplies are available for your printer:

Item	Item Description
Black Cyan Magenta Yellow	Colour Ink Cartridges: Replacement colour cartridges Replacement colour cartridges Replacement colour cartridges Replacement colour cartridges
Colour Print Head	Black housing that holds the Colour Ink Cartridges.
Black Ink Jet Cartridge	Fast, black only ink cartridge
Storage Box	Storage box for the Colour Print Head or the Black only cartridge, when not in use.

Selecting plain paper and media

Most types of paper will work well in your printer, although some variations in paper composition may affect print quality. Most high-grade photocopying papers produce good results. The majority of cotton bond papers also yield excellent results. Paper should be tested fully before large quantities are purchased.

Paper size	Paper weights
100 – 216mm (3.9" – 9") width	60 – 163g/m^2 (16 – 43lb)
150 – 356mm (3.9" – 14") length	

Selecting speciality print media

For best results use only speciality media designed for your printer. Avoid extremely thin paper, thick paper, or chemically-processed paper, such as thermal fax paper, as frequent paper misfeeds may occur.

With all speciality media, read and follow the instructions for proper loading into the Paper Tray.

Speciality print media

Media	Recommended	Select Print Quality
Plain Paper	• HP Bright White C1824A • Xerox Colour Inkjet 100gsm 3R94410 • Xerox Ultra White 90gsm 3R94625 • Xerox Colotech 90gsm 3R93022 • Xerox Excel 80gsm 3R91700 • Xerox Premier 80 gsm 3R91720 • Xerox Publisher 60gsm 3R93546	Normal or High Quality
Photo Quality Matte Coated Paper	• HP Premium Ink Jet Paper • Xerox High Resolution 3R94902 • Xerox Extra High Resolution 3R95024 • Xerox colour Ink Jet Paper 3R93312 • Kodak Photographic 1439256 / 1783547	High Quality
Photo Glossy (6 mil, 10 sheets)	• HP Photo Paper C1846A • Kodak Photographic (heavy) • Xerox Photo Gloss 3R93915	Photo Quality

Media	Recommended	Select Print Quality
Ink Jet Transparencies (4.2 mil, 20 sheets)	• 3M Transparency CG3410 • Xerox Transparency 3R94302	High Quality
Ink Jet Fabric Transfer (10 sheets)	• Xerox Iron-on Transfer 3R94903 • Xerox Colour Inkjet Labels 3R93899	

Envelope size

Most types of envelopes will work well in your printer, although some variations in paper composition may affect print quality. Envelopes should be tested before large quantities are purchased.

Selecting labels

Use only paper face label stock. Ink will not dry on vinyl, plastic or clear label stock. Individual labels will not feed properly. Use full page letter or A4 label stock.

Do not used any label material which is partially used, folded, curled, or wrinkled.

Technical Data

Printing system

The OKIJET 2500 printer accepts 2 different print heads; a 128 jet black only, and a 120 jet segmented four Colour Print Head. The system uses a scanning carriage in conjunction with a precision paper advance mechanism to position the paper prior to being marked by the ink jet.

Ink jet technology

The ink jet technology used in the OKIJET 2500 is called a Thermal (Bubble) Drop-On-Demand (DOD) Ink Jet. The principles of this type of ink jet are as follows:

All data sent to the printer is converted to raster data. Raster data is essentially a string of 1s and 0s that are translated into drops of ink across a scan line. As the carriage travels across the media, the black and colour ink cartridges place drops of ink on the media as directed by the data sent to the printer.

There are 24 ink jets for each of the three colours (Cyan, Magenta and Yellow) and 48 for Black, giving a total of 120 jets on the four colour ink cartridge. The black cartridge contains 128 ink jets.

Each of the jets is constructed with a heater, a supply of ink in the jet and an opening where the ink is expelled. When a command is sent to the ink cartridge to place a drop of ink on the media, the heater switches on and heats the ink until the ink expands into a bubble. As the bubble expands, the ink is then expelled out of the nozzle onto the media.

The heating and expulsion of the bubble of ink takes place in a matter of a few nano-seconds.
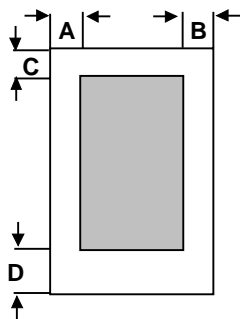

Printer Specifications

Product type	Colour thermal ink jet printer	Media types	Plain paper, high resolution paper, photo gloss paper, transparency, fabric transfer sheet, envelopes, labels
Print speed			
Monochrome	Up to 5 ppm (draft mode)		
Colour	Up to 2.5 ppm (draft mode)	Paper size	
		Automatic feed	US Letter, US Legal, A4, A5, B5, Executive, 4 x 6, 5 x 8, A6, Banner A4
Resolution			
Black	600 x 600 dpi (plain paper)		
Colour	1200 x 600 dpi (photo quality glossy paper) 600 x 600 dpi (plain paper)	Manual feed	Envelopes #10, DL, C6

Product type — Colour thermal ink jet printer

Print speed
- Monochrome — Up to 5 ppm (draft mode)
- Colour — Up to 2.5 ppm (draft mode)

Resolution
- Black — 600 x 600 dpi (plain paper)
- Colour — 1200 x 600 dpi (photo quality glossy paper)
  600 x 600 dpi (plain paper)

Cartridge type — Semi-permanent print head with expected life of 3,000 prints. Replaceable ink cartridges (one per colour)

Cartridge life
- Black — 275 prints @ 5% coverage (normal mode)
- Colour — 295 prints @ 5% area coverage (each colour)

Emulation — PCL3c (HP 550c)

Resident fonts — Courier, Univers, CG Times

Media types — Plain paper, high resolution paper, photo gloss paper, transparency, fabric transfer sheet, envelopes, labels

Paper size
- Automatic feed — US Letter, US Legal, A4, A5, B5, Executive, 4 x 6, 5 x 8, A6, Banner A4
- Manual feed — Envelopes #10, DL, C6

Paper weights
- Plain paper — 60-90g/m²
- Input tray — 125 sheets 75g/m² paper
- Output tray — 50 sheets 75g/m² paper

PC connectivity — Bi-directional IEEE: P1284 Centronics Cable

Operating environment — Windows '95 compatibility, DOS: HP PCL3C (HP550c emulation)

Print driver — Almost instantaneous return to application time, SW2000/XC driver

DOS character sets	HP PC-8, HP ROMAN-8, PC-8 Dan/Nor (ISO 21), PC-850, ECMA-94, Latin 1(ISO 8859/1), German (ISO 21), French (ISO 69), Italian (ISO 15), Spain (ISO 17), Swedish Names (ISO 11), Swedish (ISO 10),Norwegian 1 &2 (ISO 60, 61), Portuguese (ISO 16), UK (ISO 4), ANSI ASCII (ISO 6), HP-Legal, ISO IRV (ISO 2), HP-PC-852, Latin 2 & 5 (ISO 8859/2,8859/9), HP-PC-8 Turkish, Cyrillic 3R, Cyrillic	Packaged weight	8kg
		Printer life	
		Colour use	30,000 pages or 5 years
		Black use	60,000 pages or 5 years
		Safety	Meets all safety and emissions requirements for North America, Latin America and Europe
		Network capable	No
		Colour print head	
		Printable nozzles	120 total (48 black, 24 cyan, 24 magenta, 24 yellow)
Control panel	Multinational symbols and graphics		
Input voltage	110v/220v universal power supply	Storage box	Polypropylene box designed to store colour or black print head
Power consumption		Colour ink cartridges	4 total: 1 each black, cyan, magenta and yellow.
Operating	0.5A @ 110V; 0.3A @ 230V		
Standby	0.1A @ 110V; 0.08A @ 230V		
Temperature	+10 ~40 ℃	Optional black ink jet cartridge	
		Speed	Up to 7 ppm (draft mode)
Relative humidity	20 to 80%		
Acoustic noise	Sound pressure 46dB (A) at operator position	Capacity	1,250 pages @ 5% area coverage (normal mode)
Printer dimensions	19 x 41.6 x 29.9cm (H x W x D)		

Printable area

	Paper Tray (Recommended)	Paper Tray (Possible)
A	5.0mm	5.0mm
B	5.0mm	5.0mm
C	5.0mm	5.0mm
D	18.0mm	12.7mm

Warranty Information

For warranty information for your OKIJET 2500 Ink Jet Printer contact your local Oki Dealer or representative.
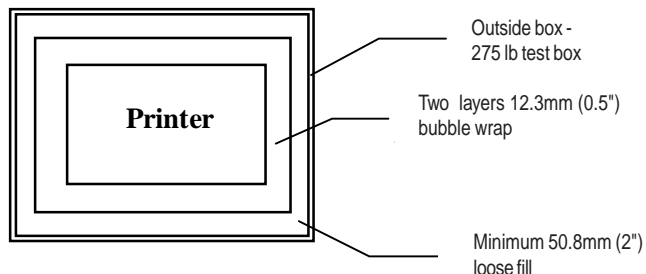
Packaging for return to a Service Centre

With the original box and packaging:

Pack the printer in the original box using the original packing material by reversing the instructions in "Unpacking the printer" in your *Setup Guide*.

Note: *Please do not ship the Power Cable, Printer Cable, Printer Driver Disks, User Guide, Print Head, Storage Box or Ink Cartridges unless instructed to do so.*

Without the original box and packaging

```
Outside box -
275 lb test box

Printer

Two  layers 12.3mm (0.5")
bubble wrap

Minimum 50.8mm (2")
loose fill
```

1.   Remove the Print Head and place it in the Print Head Storage Box. Do not return the Print Head.

2.   Close Carriage Cover and Paper Tray. Remove Power Cable and disconnect the printer cable.

Note: *Please do not ship the Power Cable, Printer Cable, Printer Driver Disks, User Guide or Ink Cartridges unless instructed to do so.*

3.   Place the printer in a large plastic bag.

4.   Completely wrap the printer in 2 layers of bubble wrap (minimum 12.3mm (0.5")) thick and tape the bubble wrap to keep it in place.

5.   Select a corrugated box large enough to allow at least 50.8mm (2") between the bubble-wrapped printer and the walls of the box.

Note: *The strength of the box should be 275 lb test.*

6.   Fill the bottom of the box with 76 mm (2 to 3") of loose fill.

7.   Place the bubble-wrapped printer in the centre of the box.

8. Add enough loose fill to completely surround and cover the printer.

Note: *The loose fill should be compressed to ensure minimal movement.*
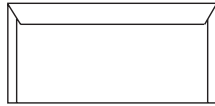
9. Securely tape and seal the box.

Appendix A

Printing on Speciality Media
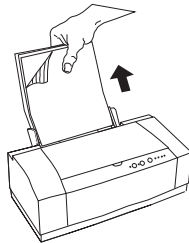
Envelopes

Envelopes should be loaded with the flap facing the front of the printer (the side to be printed facing the Paper Tray).

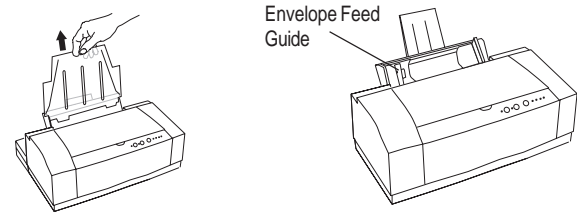*Note: For best results use short-flap, side-seam envelopes.*
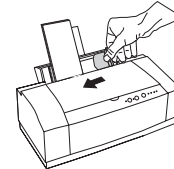
To load envelopes:
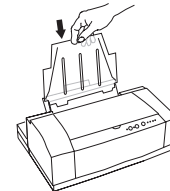
1. Remove any print media from the Paper Tray.

2. Remove the Paper Output Shelf and flip up the Envelope Feed Guide.

Envelope Feed Guide

3. Place the envelopes against the Feed Guide, then move the Paper Guide Lever over to touch the right edge of the envelopes.

4. Replace the Paper Output Shelf.

Note: Make sure you have envelopes selected as the print media in your software or in the printer driver.

Other media

Transparencies, sheets of labels, transfer media, etc., are loaded in the same way as you load paper (side to be printed facing the Paper Tray).

Note: *For print media specifications, see 'Selecting and ordering supplies' in this manual.*

Appendix B

Transportation Precautions

The OKIJET 2500 is not designed to be a portable printer, but it may be easily moved within your home or building. If, however, transportation involves any of the conditions below, you will need to take special precautions with the colour printhead and ink cartridges to avoid potential ink leakage.

- Airplane travel
- Elevation changes greater than 300m
- Temperature changes greater than 10°C

For transport by road of one hour or less that does not involve changes in elevation or temperature greater than that stated above:

1. Press and release the **Cartridge Change/Clean** button. Open the printer cover and remove the colour printhead and ink cartridges as a single unit.

2. Place the printhead and ink cartridges in the storage box that came with the printer.

3. If you have a monochrome printhead, place it in the printer.

4. Press and release the **Cartridge Change/Clean** button again. After the printer completes its cycle, turn the printer off.

5. Remove all paper from the paper tray and output shelf areas. Disconnect all cables.

Your printer is now ready for transportation.

6. You may place the printer anywhere in the vehicle where it will be protected from movement, and vibration. For example on the floor of the rear seat.

7. Place the storage box (with the colour printhead) inside the vehicle in an area that will be kept at a comfortable temperature. (Ink leakage may occur if large rapid temperature changes are experienced).

8. As soon as possible after reaching your destination, remove the printer and storage box and place them in a location where the temperature is maintained between 15°C to 35°C.

9. Connect the printer to the AC mains.

10. Press and release the **Cartridge Change/Clean** button and re-install the colour printhead. If the monochrome printhead was in the printer, put it in the storage box.

11. Press and release the **Cartridge Change/Clean** button once more to return the printhead to its home position.

12. With your computer switched off, complete the connection to the computer and add paper.

Your printer is now ready for use.

For transportation that involves air travel, or surface travel of more than one hour, or changes in elevation greater than 1000 feet:

1. With the printer switched on, press and release the **Cartridge Change/Clean** button.

2. Open the printer cover and carefully remove all the ink cartridges, placing them on a paper towel. *Note: Some ink may remain on the exterior surfaces of the ink cartridges.*

3. Wrap the cartridges individually with clear plastic wrap or similar impervious material.

4. Important! Place all ink cartridges together in a sealed plastic bag.

5. Remove the colour printhead and install it in the storage box that came with your printer.

6. Place a moist paper towel in the storage box. Close the lid and place the storage box in a sealed plastic bag.

7. If you have a monochrome printhead, install it in the printer then press and release the Cartridge Change/Clean button. Allow the printer to complete its cleaning cycle, before turning off.

8. Disconnect all cables from the printer and remove all paper.

The printer, printhead and ink cartridge are now ready for transportation.

9. As soon as possible after arriving at your destination, re-connect your printer to AC power and press the **Cartridge Change/Clean** button.

10. Remove the colour printhead from the storage box. Discard the moist towel. If you have a monochrome printhead place it in the storage box.

11. Carefully unwrap the ink cartridges. If any ink has spilled, blot it clean.

12. Reinstall the ink cartridges in the printhead and install the printhead in the printer.

13. Press and release the **Cartridge Change/Clean** button. Close the printer cover.

Your printer is now ready for use.

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