

## KYOCERA ECOSYS PA4500x

# KYOCERA ECOSYS PA4500x Monochrome Laser Printer User Manual

Model: ECOSYS PA4500x

Brand: KYOCERA

---

## INTRODUCTION

Welcome to the user manual for your KYOCERA ECOSYS PA4500x Monochrome Laser Printer. This document provides essential information for setting up, operating, maintaining, and troubleshooting your printer to ensure optimal performance and longevity. The ECOSYS PA4500x is designed for efficiency, featuring a long-life main unit (up to 900,000 pages) and an exceptionally low running cost of approximately 0.8 JPY per A4 monochrome page, significantly reducing printing expenses.

## 1. SETUP GUIDE

### 1.1 Unpacking the Printer

Carefully remove the printer from its packaging. Ensure all packing materials, tapes, and protective films are removed from the printer body and internal compartments. Keep the packaging for future transportation if needed.

### 1.2 Installing the Toner Cartridge

1. Open the front cover of the printer.
2. Gently shake the new toner cartridge horizontally several times to distribute the toner evenly.
3. Insert the toner cartridge into the printer until it clicks into place.
4. Close the front cover.

### 1.3 Loading Paper

1. Pull out the paper cassette tray.
2. Adjust the paper guides to the size of the paper you are loading.
3. Load the paper stack into the tray, ensuring it is flat and below the maximum fill line.
4. Gently push the paper cassette tray back into the printer.

### 1.4 Connecting to Power

Connect the power cord to the printer's power inlet and then to a grounded electrical outlet. Press the power button to turn on the printer.

## 1.5 Connecting to a Computer

- **USB Connection:** Connect one end of a USB cable to the printer's USB port and the other end to your computer's USB port.
- **Network (LAN) Connection:** Connect an Ethernet cable to the printer's LAN port and the other end to your network router or switch.

## 1.6 Driver Installation

Insert the provided driver CD-ROM into your computer's optical drive, or download the latest drivers from the official KYOCERA website. Follow the on-screen instructions to complete the driver installation for your operating system.

## 2. OPERATING INSTRUCTIONS

# さまざまなデバイスから かんたん設定ですぐに印刷



●パソコンから  
ネットワークプリント



●モバイルから  
専用アプリ\*でプリント



●USBから  
直接プリント



京セラ製プリンター・複合機  
モバイル専用アプリケーション

## KYOCERA Mobile Print

\*プリントには、モバイル端末のWi-Fi接続設定と専用アプリケーションが必要です。  
アプリケーションはApp Store、Google Playから無料でダウンロードできます。

The printer offers versatile connectivity options, allowing users to print from a PC via network, from mobile devices using a dedicated application (KYOCERA Mobile Print), or directly from a USB storage device.

### 2.1 Basic Printing from a Computer

1. Open the document or image you wish to print.
2. Select 'Print' from the application's menu (e.g., File > Print).

3. Choose the KYOCERA ECOSYS PA4500x from the list of available printers.
4. Adjust print settings as needed (e.g., number of copies, paper size, print quality).
5. Click 'Print'.

## 2.2 Duplex Printing

The ECOSYS PA4500x supports automatic duplex (two-sided) printing. To use this feature:

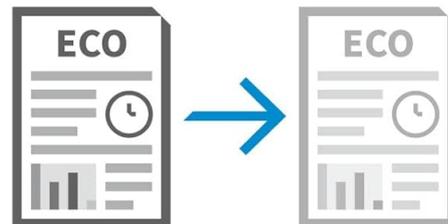
1. In the print dialog box on your computer, navigate to the printer properties or preferences.
2. Look for an option related to 'Two-sided printing' or 'Duplex'.
3. Select the desired duplex setting (e.g., long-edge binding, short-edge binding).
4. Confirm your selection and proceed with printing.

## ランニングコスト削減に 役立つ機能が充実



- スリープモード時の待機電力 **0.5W**

- 社内利用や試し刷りにおすすめの  
**エコプリント**で  
トナーの消費率を最大 50%削減



- **両面印刷・集約印刷**  
機能に標準対応

This image highlights key features including the intuitive control panel, the ECO print mode which can reduce toner consumption by up to 50%, and the automatic duplex printing function for efficient paper usage.

## 2.3 Using the Control Panel

The printer's control panel allows you to manage various settings and functions directly. Use the navigation buttons (up, down, left, right, OK) to browse menus and confirm selections. The display provides status information and prompts for user interaction.

## 2.4 ECO Print Mode

The ECO print mode is designed to reduce toner consumption, contributing to lower running costs and environmental impact. Activate this mode through the printer's control panel settings or via the printer driver on your computer. This mode can reduce toner usage by up to 50%.

## 2.5 Mobile Printing

Download the KYOCERA Mobile Print application from your device's app store (App Store for iOS, Google Play for Android). Ensure your mobile device is connected to the same network as the printer. Open the app, select your printer, and follow the in-app instructions to print documents or images directly from your mobile device.

## 2.6 Direct Printing from USB

Insert a USB storage device containing printable files (e.g., PDF, JPEG, TIFF) into the USB host port on the printer. Use the printer's control panel to navigate to the 'Print from USB' option, select the desired file, and initiate printing.

## 3. MAINTENANCE

### 交換する消耗品はトナーだけ※

※30万枚を超える際は、別途メンテナンスキットが必要です。

京セラ製プリンター



一般的なレーザープリンター



だから、**低コスト**で使える



モノクロ  
A4用紙 1ページあたり

**0.8**円※

※A4用紙に印刷時のトナー価格より算出。JIS X6931 標準原稿換算。

This image illustrates the cost-efficiency of the KYOCERA ECOSYS PA4500x, highlighting that only the toner cartridge needs frequent replacement, leading to a low running cost of approximately 0.8 JPY per A4 page for monochrome prints.

### 3.1 Replacing the Toner Cartridge

When the toner level is low or empty, the printer's display will indicate a need for toner replacement. Follow these steps:

1. Open the front cover of the printer.
2. Remove the empty toner cartridge by pulling it out.
3. Unpack the new toner cartridge and shake it gently to distribute toner.
4. Insert the new toner cartridge firmly until it locks into place.
5. Close the front cover.
6. Dispose of the empty toner cartridge according to local regulations.

### 3.2 Cleaning the Printer

- **Exterior:** Wipe the exterior of the printer with a soft, lint-free cloth dampened with water. Do not use abrasive cleaners or solvents.
- **Interior:** Periodically open the front cover and gently remove any dust or paper debris from accessible areas using a dry, soft cloth or a small vacuum cleaner designed for electronics. Avoid touching the drum unit.

### 3.3 Checking Printer Status

You can check the printer's status, including toner levels and error messages, directly from the control panel or through the printer driver software on your computer.

### 3.4 Long-Life Components

The KYOCERA ECOSYS PA4500x is designed with durable, long-life components, such as the amorphous silicon drum unit, which has a lifespan of up to 900,000 pages. This design minimizes the need for frequent part replacements, contributing to the printer's low running costs and reduced environmental impact.

## 4. TROUBLESHOOTING

---

This section addresses common issues you might encounter with your printer. For more detailed troubleshooting, refer to the full electronic manual available on the KYOCERA website.

### 4.1 Paper Jams

1. Turn off the printer and unplug the power cord.
2. Open the covers and trays as indicated by the printer's display or manual.
3. Carefully remove any jammed paper, pulling it gently in the direction of the paper path. Avoid tearing the paper.
4. Close all covers and trays, plug in the power cord, and turn on the printer.

### 4.2 Print Quality Issues

- **Faint Prints:** Check the toner level. If low, replace the toner cartridge.
- **Streaks or Spots:** Perform a cleaning cycle from the printer's control panel or driver. Ensure the drum unit is not damaged (though it is a long-life component, extreme conditions can affect it).
- **Uneven Density:** Ensure the toner cartridge is properly installed and shaken before use.

### 4.3 Connectivity Problems

- **Printer Not Detected:** Check all cable connections (USB or Ethernet). Ensure the printer is powered on. For network connections, verify network settings on both the printer and computer.
- **Wireless Printing Issues:** If using a wireless adapter (optional, not standard for this model but common

for mobile printing), ensure it is correctly installed and configured, and that the printer is connected to the correct Wi-Fi network.

#### 4.4 Error Messages

Refer to the printer's display for specific error codes or messages. Consult the comprehensive user manual or the KYOCERA support website for detailed explanations and solutions for each error code.

### 5. PRODUCT SPECIFICATIONS

## デスクに設置できるコンパクトサイズ



The KYOCERA ECOSYS PA4500x is designed for compact spaces, with dimensions of 380mm width, 410mm depth, and 285mm height, making it suitable for desktop installation.

#### Key Specifications for KYOCERA ECOSYS PA4500x

Model Name	ECOSYS PA4500x
Printing Technology	Laser
Printer Output	Monochrome
Max Print Speed (Monochrome)	45 pages/minute
Max Print Resolution (Monochrome)	600 x 600 dpi
Duplex Printing	Automatic (Yes)

Max Media Size	A4
Supported Sheet Sizes	A4, B5, A5 (vertical orientation)
Max Sheet Capacity	250 sheets
Connectivity Technology	Ethernet, USB
Product Dimensions (W x D x H)	380 mm x 410 mm x 285 mm
Product Weight	18.5 kg
Included Components	Toner cartridge
Color	White

## モノクロレーザープリンター比較

機種名	ECOSYS P4140dn	ECOSYS PA6000x	ECOSYS PA4500x	ECOSYS P2040dw
製品画像				
サイズ	W469×D410×H320	W380×D410×H320	W380×D410×H285	W375×D393×H272
機能比較				
用紙サイズ	A3/A4	A4	A4	A4
自動両面プリント	○	○	○	○
有線 LAN/ 無線 LAN	○/ー	○/ー	○/ー	○/○
USB 接続	○	○	○	○
Wi-Fi Direct	ー	ー	ー	○
スマホプリント※1	○	○	○	○
コスト・性能比較				
プリント速度	<b>40</b> ページ/分	<b>60</b> ページ/分	<b>45</b> ページ/分	<b>40</b> ページ/分
本体寿命※2	<b>100</b> 万ページ/分	<b>100</b> 万ページ/分	<b>90</b> 万ページ/分	<b>20</b> 万ページ/分
A4 プリント (1 枚あたり) コスト※3	<b>0.8</b> 円/ページ	<b>0.8</b> 円/ページ	<b>0.8</b> 円/ページ	<b>2.14</b> 円/ページ

※1 本体と無線ルーターを LAN ケーブルで接続する必要があります。

※2 別途メンテナンスキットが P4140dn/PA6000x/P2040dw は 1 回、PA4500x は 2 回交換が必要です。

※3 A4 用紙に印刷時のトナー価格より算出。JIS X6931 標準原種換算。

This table provides a comparison of various KYOCERA monochrome laser printers, detailing specifications such as dimensions, supported paper sizes, duplex printing, connectivity options (LAN/WLAN/USB), print speed, and running costs per page.

## 6. WARRANTY AND SUPPORT

For information regarding the product warranty, please refer to the warranty card included with your printer

or visit the official KYOCERA website. The website also provides access to comprehensive support resources, including FAQs, driver downloads, and contact information for technical assistance. For further assistance, please visit the [KYOCERA official website](#).