Canon D420

Canon imageCLASS D420 Laser Multifunction Printer User Manual

1. PRODUCT OVERVIEW

The Canon imageCLASS D420 is a monochrome laser multifunction device designed for home or small office environments. It integrates printing, copying, and color scanning functionalities into a single compact unit.

2. SETUP AND INSTALLATION

2.1 Unpacking the Device

Carefully remove the printer from its packaging. Ensure all packing materials, tapes, and protective films are removed from the exterior and interior of the device.
The box contents should include:

- Canon imageCLASS D420 Multifunction Printer
- Starter Cartridge Kit (Toner & Drum)
- Setup Instructions
- Manuals
- Power Cord
- User Software CD-ROM
- Registration Card
- Warranty Card

2.2 Connecting the Printer

Connect the printer to your computer using a standard USB cable (not included). Plug one end into the USB port on the printer and the other end into an available USB port on your computer. Connect the power cord to the printer and then to a wall outlet.

2.3 Installing the Toner Cartridge

Open the front cover of the printer. Remove the starter cartridge kit from its packaging and gently shake it horizontally to distribute the toner evenly. Insert the cartridge into the printer until it clicks into place. Close the front cover.

2.4 Loading Paper

The printer features a 250-sheet paper cassette and a single-sheet multipurpose tray. Pull out the paper cassette, adjust the paper guides to the desired paper size (e.g., Letter, 8.5 x 11 inch), and load the paper stack. Ensure the paper is not overfilled. For special media or single sheets, use the multipurpose tray.

2.5 Software Installation

Insert the User Software CD-ROM into your computer's optical drive. Follow the on-screen instructions to install the necessary drivers and utilities. The printer supports Windows (Vista, XP, 2000) and Mac OS X (10.2.8 to 10.8x).

3. BASIC OPERATION

3.1 Control Panel Overview

The control panel provides access to all printer functions. Key elements include:

- **LCD Display:** Shows status messages and menu options.
- **Numeric Keypad:** Used for entering quantities and selecting menu items.
- **Start Button:** Initiates print, copy, or scan jobs.
- **Stop/Reset Button:** Cancels current operations or resets settings.

- **Menu Button:** Accesses printer settings and options.
- **OK Button:** Confirms selections.
- **Clear Button:** Clears entered values.
- **2-Sided Button:** Activates duplex printing/copying.
- **Paper Settings Button:** Adjusts paper type and size.
- **Job Cancel**/**Status Monitor Button:** Displays job status or cancels jobs.
- **Report Button:** Prints various reports (e.g., configuration).
- **Processing**/**Data Indicator:** Lights up when the device is processing data.
- **Error Indicator:** Lights up or flashes to indicate an error.
- **Energy Saver Button:** Activates or deactivates energy-saving mode.

3.2 Printing Documents

To print, send a document from your computer to the Canon D420. The printer supports monochrome laser printing at speeds up to 23 pages-per-minute (ppm). The built-in duplex feature allows for automatic two-sided printing, saving paper.

3.3 Copying Documents

Place the document face down on the scanner glass or face up in the automatic document feeder (if available). Use the control panel to select copy settings such as quantity, reduction/enlargement, collation, or 2-on-1/4-on-1 copying. Press the Start button to begin copying. Copy speeds are up to 23 copies-per-minute (cpm), with the first copy appearing in approximately 9 seconds.

3.4 Scanning Documents

The D420 features a color scanner. Place your document on the scanner glass. Initiate the scan from your computer using the installed software. The device also supports scanning directly to a USB drive, if configured, allowing for direct digital archiving without a computer connection.

4. Maintenance and Care

4.1 Replacing the Toner Cartridge

The Canon Single-Cartridge system combines the toner and drum into one unit, simplifying replacement. When the toner is low or depleted, an indicator will appear on the LCD display. Open the front cover, remove the old cartridge, and insert a new Canon 104 cartridge (0263B001). Canon offers a toner cartridge recycling program for environmental responsibility.

4.2 Cleaning the Printer

Regular cleaning helps maintain optimal performance. Use a soft, lint-free cloth to wipe the exterior of the printer. For the scanner glass, use a mild glass cleaner applied to the cloth (not directly to the glass) to avoid streaks. Refer to the detailed manual for specific internal cleaning procedures.

4.3 Energy Saving Mode

The D420 features an efficient 3W energy saving mode. The printer automatically enters this mode after a period of inactivity, reducing power consumption. This mode can be manually activated or deactivated via the control panel's Energy Saver button.

5. Troubleshooting Guide

5.1 Common Issues and Solutions

- **Error Message on Display:** Check the LCD display for specific error codes or messages. Consult the full manual for detailed explanations and resolution steps. The Error indicator light will illuminate.
- **Paper Jams:** If a paper jam occurs, the printer will stop operation. Follow the instructions in the manual to safely open access panels and remove the jammed paper without tearing it.
- **Printer Not Responding:** Ensure the USB cable is securely connected to both the printer and the computer. Verify the printer is powered on. Restart both the printer and the computer.
- **Printing/Scanning Quality Issues:** Check toner levels. Ensure the scanner glass is clean. Verify that the correct paper type and quality settings are selected in the print driver or control panel.
- **Software/Driver Problems:** If the computer does not recognize the printer or functions are unavailable, try reinstalling the printer drivers from the User Software CD-ROM or Canon's support website.

6. TECHNICAL SPECIFICATIONS

Feature	Specification
Functions	Print, Copy, Scan
Printing Technology	Monochrome Laser
Print Speed (Monochrome)	Up to 23 ppm (pages per minute)
Copy Speed (Monochrome)	Up to 23 cpm (copies per minute)
First Copy Time	Approx. 9 seconds
Scanner Type	Color Image Scanner
Paper Capacity	250-sheet cassette, 1-sheet multipurpose tray
Duplex Capability	Automatic (Print, Copy)
Connectivity	USB
Memory	64 MB
Dimensions (W x D x H)	20.3 x 21.4 x 16.3 inches
Item Weight	35.5 pounds
Power Consumption	630 Watts (Operating), 3W (Energy Saving Mode)
Compatible Operating Systems	Windows Vista / XP / 2000, Mac OS X 10.2.8 to 10.8x
Toner Cartridge	Canon 104 (0263B001)

7. WARRANTY AND CUSTOMER SUPPORT

7.1 Warranty Information

The Canon imageCLASS D420 includes a 1-Year Exchange or Carry-In Limited Warranty. Optional warranty upgrades, such as a 2-Year Exchange or Carry-In CarePAK, may be available for extended coverage. Refer to the Warranty Card included with your product for complete terms and conditions.

7.2 Customer Support

For technical assistance, troubleshooting beyond this manual, or warranty service, please contact Canon customer support. Contact information can be found on the Canon website or in the documentation provided with your printer.

Related Documents - D420

	Canon imageCLASS MF753Cdw / MF751Cdw User's Guide This comprehensive user's guide provides detailed instructions and information for the Canon imageCLASS MF753Cdw and MF751Cdw multifunction printers, covering setup, operation, maintenance, and troubleshooting.
	Canon imageCLASS MF5960dn / MF5950dw Basic Operation Guide Get started with your Canon imageCLASS MF5960dn and MF5950dw multifunction printer. This basic operation guide covers essential functions like copying, printing, faxing, scanning, and setup.
	Canon imageCLASS MF740/640 Series User's Guide Comprehensive user guide for Canon imageCLASS MF746Cdw, MF745Cdw, MF743Cdw, MF741Cdw, MF644Cdw, MF642Cdw, and MF641Cw multi-function printers, covering setup, operation, features, and maintenance.
	Canon imageCLASS MF Series User's Guide - Setup, Operations, and Features Comprehensive user's guide for Canon imageCLASS MF746Cdw, MF745Cdw, MF743Cdw, MF741Cdw, MF644Cdw, MF642Cdw, MF641Cw. Covers setup, network, copy, fax, print, scan, maintenance, and troubleshooting.

[Canon imageCLASS X MF1538C/C1538iF: Important Safety Instructions and User Guide](#)
Essential safety, installation, handling, and operational guidelines for Canon imageCLASS X MF1538C and C1538iF multifunction printers. This guide ensures proper usage and safety for users.

[Canon imageCLASS X MF1643iF II MF1643i II Series Service Guide for Dealers](#)
Comprehensive service guide for Canon imageCLASS X MF1643iF II and MF1643i II multifunction printers. Essential technical information for dealers on setup, maintenance, troubleshooting, and accessories.