HP C4680

HP Photosmart C4680 All-in-one Printer User Manual

Model: Q8418A#ABA

INTRODUCTION

This manual provides instructions for setting up, operating, maintaining, and troubleshooting your HP Photosmart C4680 All-in-one Printer. This device is designed for printing, copying, and scanning documents and photos.

PRODUCT OVERVIEW

The HP Photosmart C4680 is a versatile all-in-one printer offering print, copy, and scan functionalities. It features a 1.45-inch color graphics display with HP TouchSmart for easy navigation and direct photo printing from memory cards.

Figure 1: Front view of the HP Photosmart C4680 All-in-one Printer. This image shows the printer with its paper output tray open, revealing the ink cartridge access area. The control panel with the TouchSmart display is visible on the left side.

WHAT'S IN THE BOX

Verify that all components are present in the packaging:

- HP Photosmart C4680 All-in-one Printer
- Power Cord
- Setup Poster
- Software Disc
- HP 60 Black Ink Cartridge
- HP 60 Tri-color Ink Cartridge

SETUP

1. **Unpacking the Printer:** Remove all packaging materials, tapes, and protective films from the printer.

2. **Connecting the Power Cord:** Connect the power cord to the printer and then to a grounded electrical outlet. Do not connect the USB cable yet.

3. **Installing Ink Cartridges:**
   - Open the ink cartridge access door.
   - Remove the protective tape from the new HP 60 Black and Tri-color ink cartridges.
   - Insert the cartridges into their respective slots until they click into place. The tri-color cartridge typically goes into the left slot, and the black cartridge into the right.
   - Close the ink cartridge access door.

4. **Loading Paper:**
   - Pull out the input tray.
   - Slide the paper width guide to its outermost position.
   - Load a stack of plain white paper into the input tray, print-side down.
   - Adjust the paper width guide so it rests against the edge of the paper stack.
   - Push the input tray back into the printer.

5. **Installing Software:** Insert the provided software disc into your computer's CD/DVD drive and follow the on-screen instructions to install the printer drivers and software. Connect the USB cable when prompted by the software.

6. **Alignment Page:** After software installation, the printer may print an alignment page. Follow the instructions on the printer's display or the alignment page to complete the alignment process.

OPERATING THE PRINTER

Printing Documents

To print a document from your computer:

1. Ensure the printer is powered on and connected to your computer.
2. Open the document you wish to print on your computer.
3. Select **File > Print** (or the equivalent command in your application).
4. Choose the **HP Photosmart C4680** from the list of available printers.
5. Adjust print settings (e.g., paper size, quality, color/grayscale) as needed.
6. Click **Print**.

Copying Documents

The printer allows for direct copying without a computer.

1. Place the original document face-down on the scanner glass, aligning it with the guide.
2. Close the scanner lid.
3. On the printer's TouchSmart display, select the**Copy** option.
4. Choose the number of copies and other settings (e.g., color, black & white, size) using the display.
5. Press the **Start Copy** button.

Scanning Documents

You can scan documents to your computer using the HP software.

1. Place the original document face-down on the scanner glass, aligning it with the guide.
2. Close the scanner lid.
3. On your computer, open the HP Solution Center software (or similar HP scanning application).
4. Select the **Scan Document** or **Scan Picture** option.
5. Adjust scan settings (e.g., resolution, file type, destination folder) as required.
6. Click **Scan**.

Photo Printing from Memory Card

The HP Photosmart C4680 supports direct photo printing from memory cards.

1. Insert a compatible memory card into the appropriate slot on the front of the printer.
2. The TouchSmart display will show options for viewing and printing photos.
3. Navigate through your photos using the display.
4. Select the photos you wish to print and adjust print settings (e.g., quantity, paper type, enhancements).
5. Press the **Print** button.

Figure 2: HP Photosmart C4680 All-in-one Printer with the paper output tray fully extended. This view highlights the compact design and the paper handling mechanism.

MAINTENANCE

Replacing Ink Cartridges

Replace ink cartridges when the printer indicates low ink levels or print quality degrades.

1. Ensure the printer is on.
2. Open the ink cartridge access door. The print carriage will move to the center.
3. Press down on the old cartridge to release it, then pull it out of its slot.
4. Unpack the new HP 60 ink cartridge and remove the protective tape.
5. Slide the new cartridge into the empty slot until it clicks into place.
6. Close the ink cartridge access door. The printer may initiate an alignment process.

Cleaning the Printer

- **Exterior:** Wipe the exterior surfaces with a soft, damp, lint-free cloth.
- **Scanner Glass:** Clean the scanner glass with a soft cloth lightly dampened with glass cleaner. Do not spray cleaner directly onto the glass.
- **Printhead Cleaning:** If print quality issues persist after cartridge replacement, use the printer's utility software on your computer to perform a printhead cleaning cycle.

TROUBLESHOOTING

This section addresses common issues you might encounter.

Printer Not Responding

- Ensure the printer is powered on and the power cord is securely connected.
- Check the USB cable connection between the printer and the computer. Try a different USB port or cable if available.
- Restart both the printer and your computer.
- Verify that the correct printer driver is installed and selected on your computer.

Print Quality Issues

- Check ink levels and replace any low or empty cartridges.
- Perform a printhead cleaning cycle using the HP software.
- Ensure you are using appropriate paper for your print job (e.g., photo paper for photos).
- Run the printer alignment utility.

Paper Jams

- Turn off the printer and unplug the power cord.
- Carefully remove any jammed paper from the input tray, output tray, or inside the printer. Avoid tearing the paper.
- Ensure paper is loaded correctly and the paper guides are adjusted to the paper size.
- Plug in the power cord and turn on the printer.

SPECIFICATIONS

Feature	Detail
Model Name	HP Photosmart C4680 All-in-one Printer
Model Number	Q8418A#ABA

Functions	Print, Copy, Scan
Printing Technology	Inkjet
Connectivity	USB 2.0
Display	1.45-inch LCD Color Graphics Display with HP TouchSmart
Print Speed (Black)	Up to 9 ppm (Monochrome) / 29 ppm (Draft)
Print Speed (Color)	Up to 6.5 ppm (Color) / 23 ppm (Draft)
Print Resolution (Black)	Up to 1200 x 1200 dpi
Print Resolution (Color)	Up to 1200 x 1200 dpi
Scan Resolution	Up to 1200 x 1200 optimized dpi
Copy Speed (Black)	Up to 29 cpm
Maximum Copies	29 copies
Paper Handling Input	80-sheet input tray
Maximum Media Size	8.5 x 11.7 inches
Supported Media Types	Plain paper, photo paper, envelopes, labels, cards, transparencies
Item Weight	12.65 Pounds (approx. 5.74 kg)
Power Consumption	20 Watts (maximum)

WARRANTY AND SUPPORT

Your HP Photosmart C4680 All-in-one Printer comes with a limited warranty. For specific terms and conditions, please refer to the warranty documentation included with your product or visit the official HP support website.

For technical assistance, driver downloads, or further troubleshooting, please visit the HP support website or contact HP customer service.

- **Online Support:** www.hp.com/support
- **Warranty Information:** Refer to the documentation provided in the box.