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Epson V600

Epson Perfection V600 Photo Scanner User Manual

Model: V600

1. INTRODUCTION

This manual provides instructions for the setup, operation, and maintenance of your Epson Perfection V600 Photo Scanner. The V600 is designed for high-resolution scanning of various media, including 35mm film, mounted slides, medium-format film, photos, and documents.

2. WHAT'S IN THE Box

Verify that all components are present before proceeding with setup.

- Epson Perfection V600 Photo Scanner
- Transparency Unit (built into the lid)
- 35mm Film Holders (for mounted slides and film strips)
- 6x22 cm Medium-format Film Holder
- Scanner Installation CD-ROM (for software and drivers)
- Scanner Setup Poster
- Hi-Speed USB 2.0 Cable
- AC Power Adapter and Cord

3. SETUP

3.1 Unpacking and Placement

Carefully remove the scanner from its packaging. Place the scanner on a stable, flat surface near your computer. Ensure adequate space for opening the scanner lid and connecting cables.



Figure 3.1: Epson Perfection V600 Photo Scanner, front view with lid closed.

3.2 Software Installation

Before connecting the scanner to your computer, install the necessary software.

1. Insert the Scanner Installation CD-ROM into your computer's optical drive.
2. Follow the on-screen instructions to install the Epson Scan software and any bundled applications. If your computer does not have an optical drive, download the latest software and drivers from the official Epson support website.
3. Ensure all software components are installed before proceeding.

3.3 Hardware Connection

Connect the scanner to your computer and power source.

1. Connect one end of the supplied Hi-Speed USB 2.0 cable to the USB port on the scanner and the other end to an available USB port on your computer.
2. Connect the AC power adapter to the scanner's power input and then plug the power cord into an electrical outlet.
3. Press the power button on the scanner. The power indicator light should illuminate.

4. OPERATION

4.1 Basic Document and Photo Scanning

To scan standard documents or photos:

1. Lift the scanner lid.
2. Place the document or photo face-down on the scanner glass, aligning the top left corner with the arrow mark.
3. Close the scanner lid gently.
4. Launch the Epson Scan software on your computer.

5. Select your desired scanning mode (e.g., Home Mode, Professional Mode) and adjust settings such as resolution, color depth, and destination.
6. Click the **Scan** button in the software or press the **Scan** button on the scanner's control panel.



Figure 4.1: Scanner with lid open, showing a photo placed on the scanning surface.

4.2 Film and Slide Scanning

The Transparency Unit (built into the lid) and included film holders allow for scanning of transparent media.

1. Open the scanner lid and remove the document mat from the underside of the lid to expose the Transparency Unit light source.
2. Select the appropriate film holder (35mm mounted slides, 35mm film strips, or medium format).
3. Place your film or slides into the holder, ensuring they are correctly oriented. For slides, place the shiny side downwards.
4. Place the film holder onto the scanner glass, aligning it with the guides.
5. Close the scanner lid.
6. In Epson Scan software, select **Film** as the Document Type and choose the correct Film Type (e.g., Positive Film for slides, Negative Film for negatives).
7. Adjust scanning settings as needed, including resolution (up to 6400 x 9600 dpi optical resolution for film).
8. Utilize **Digital ICE Technology** for automatic dust and scratch removal on film, and **Color Restoration** for faded images.
9. Click **Scan**.



Figure 4.2: Scanner with lid open, revealing the Transparency Unit and film holders in place.

4.3 Scanner Control Panel Buttons

The scanner features four customizable buttons for quick access to common functions:

- **Scan:** Initiates a scan using the default or last-used settings.
- **Copy:** Scans an item and sends it directly to a connected printer.
- **E-mail:** Scans an item and attaches it to a new email message.
- **PDF:** Scans an item and saves it as a PDF file.

These buttons can be configured through the Epson Event Manager software, typically installed with the scanner drivers.



Figure 4.3: Control panel with Scan, Copy, E-mail, and PDF buttons.

5. MAINTENANCE

5.1 Cleaning the Scanner Glass

Dust or smudges on the scanner glass can affect scan quality.

- Turn off the scanner and unplug the AC adapter.
- Wipe the scanner glass with a soft, lint-free cloth moistened with a small amount of glass cleaner. Do not spray cleaner directly onto the glass.
- Wipe the Transparency Unit window (on the underside of the lid) similarly.
- Ensure the glass surfaces are completely dry before closing the lid or turning on the scanner.

5.2 Care for Film Holders

Keep film holders clean and free of dust to prevent artifacts on film scans. Use a soft, dry cloth or an air blower to remove dust. Avoid using liquids on film holders.

6. TROUBLESHOOTING

6.1 Common Issues and Solutions

- **Scanner not recognized by computer:**

- Ensure the USB cable is securely connected to both the scanner and the computer.
- Verify the scanner is powered on.
- Restart your computer and the scanner.
- Reinstall the scanner drivers from the Epson support website.

- **Poor scan quality (dust, scratches):**

- Clean the scanner glass and Transparency Unit window as described in Section 5.1.
- For film, ensure **Digital ICE Technology** is enabled in Epson Scan software.
- For prints, enable **Digital ICE for Prints** or **Epson Easy Photo Fix** in the software.

- **Faded colors in scans:**

- Enable **Color Restoration** in the Epson Scan software.
- Adjust color settings manually in Professional Mode.

- **Scanner software crashes:**

- Ensure your operating system is compatible with the scanner software. Check Epson's support website for system requirements.
- Try running the Epson Scan software as an administrator (right-click the icon and select "Run as administrator").
- Update your operating system and scanner drivers to the latest versions.

7. SPECIFICATIONS

Feature	Specification
Scanner Type	Flatbed color image scanner
Optical Resolution	6400 dpi
Hardware Resolution	6400 x 9600 dpi
Maximum Resolution	12,800 x 12,800 dpi
Color Bit Depth	48-bits per pixel internal / external
Grayscale Bit Depth	16-bits per pixel internal / external
Maximum Scan Area	8.5" x 11.7" (Flatbed), 2.7" x 9.5" (Transparency Unit)
Light Source	ReadyScan LED technology
Optical Density	3.4 Dmax
Supported Film Sizes	35 mm mounted slides (4 frames), 35 mm film strips (12 frames), Medium format strips 6x22 cm (2 frames)
Dust/Scratch Removal	Digital ICE for Film, Digital ICE for Prints
Image Restoration	Epson Easy Photo Fix

Feature	Specification
Connectivity	Hi-Speed USB 2.0
Dimensions (W x D x H)	11" x 19" x 4.6"
Weight	9 lb (approximately 4.1 kg)
Power Consumption	16.5 watts (operating)

8. WARRANTY AND SUPPORT

For information regarding the product warranty, please refer to the warranty card included with your scanner or visit the official Epson support website. The website also provides access to drivers, FAQs, and contact information for technical support.

[Visit the Official Epson Store on Amazon](#)