Unpack Your Scanner

1. Make sure you have everything:
   - Scanner
   - Power cord
   - CD-ROM with EPSON Scan driver and electronic manual
   - USB cable

2. Remove all the packing tape, but leave the two yellow stickers in place until instructed to remove them.

IMPORTANT!
Leave the stickers in place until you are instructed to remove them.

Install the Software

Windows®

1. Insert the scanner software CD-ROM in the CD-ROM or DVD drive. The installer starts automatically.
   (If necessary, double-click the EPSON CD-ROM icon to open it.)


3. You see a message to close all running applications. Click OK.

4. Read the license agreement, then click Agree.

5. When the Software Installation screen appears, click Install.

6. Follow the on-screen instructions to install the User’s Guide. When you’re done installing the User’s Guide, click Quit.

7. In Mac® OS X, enter your Administrator name and password when prompted and click OK.

8. Read the license agreement, then click Accept.

9. When you see the EPSON Scan Installer screen, select EPSON Expression 1680 in the Easy Install menu and click Install.

10. Mac OS X: At the last screen, click Exit. The EPSON Product Registration screen appears.
    Mac OS 6.6-9.x: When you’re done installing, restart your Macintosh. The EPSON Product Registration screen appears when your system restarts.

11. Register your scanner as instructed. When finished, click Done or close your browser. Remove the CD-ROM.

Macintosh®

1. Insert the scanner software CD-ROM in the CD-ROM or DVD drive. (If necessary, double-click the EPSON CD-ROM icon to open it.)


3. You see a message to close all running applications. Click OK.

4. Read the license agreement, then click Agree.

5. When the Software Installation screen appears, click Install.

6. Follow the on-screen instructions to install the User’s Guide. When you’re done installing the User’s Guide, click Quit.

7. In Mac® OS X, enter your Administrator name and password when prompted and click OK.

8. Read the license agreement, then click Accept.

9. When you see the EPSON Scan Installer screen, select EPSON Expression 1680 in the Easy Install menu and click Install.

10. Mac OS X: At the last screen, click Exit. The EPSON Product Registration screen appears.
    Mac OS 6.6-9.x: When you’re done installing, restart your Macintosh. The EPSON Product Registration screen appears when your system restarts.

11. Register your scanner as instructed. When finished, click Done or close your browser. Remove the CD-ROM.

Connect the Scanner

After your software is installed, it's time to get connected.

1. Remove the yellow tape from the back of the scanner.

2. Slide the transportation lock to the UNLOCK position.

Caution: Your scanner won’t work unless the transportation lock is in the UNLOCK position. Also, you may damage the scanner if you leave it on while it’s locked.

3. Connect the scanner to your computer. Use either the USB cable that came with your scanner or a SCSI cable, if your computer has SCSI support. Don’t connect both cables.

If you’re using USB...

Plug the square end of the USB cable into the scanner’s USB port. Plug the flat end into any available USB port on your computer or USB hub. Then go to step 4.

If you’re using SCSI...

You have another SCSI device that uses SCSI ID 2, turn the SCSI ID switch on the back of the scanner to a new number. Do not use 0 or 7.

Unless your scanner is connected in the middle of a SCSI chain, leave the terminator switch on the back of the scanner turned ON. Squeeze the lock releases on your SCSI cable, and plug the cable into either SCSI connector on the back of the scanner. Connect the pin end of the cable to the SCSI port on your computer.

4. Plug one end of the scanner’s power cord into the AC inlet at the back of the scanner, and the other end into a grounded electrical outlet.

5. Press the power button on the front of the scanner to turn it on. The green READY light begins to flash. Wait for the flashing to stop.

Note: Your scanner may not work correctly if you use a USB cable other than the one supplied by EPSON, or if you connect your scanner to a multi-level USB hub system.

If you have a USB connection, go to “Your First Scan” on the back of this sheet.

If you have a SCSI connection, start the Add Hardware Wizard in the Windows Control Panel and follow the on-screen instructions to let Windows detect your scanner. Then continue with the instructions on the back of this sheet to begin scanning.

Turn over
Scanner Basics

Your First Scan

When you follow these steps, your scanner software recognizes the type of image you’re scanning and adjusts settings for optimum scan quality.

1. Raise the scanner lid and place your photo face down on the glass.

2. Start EPSON Scan. You can press the scanner’s green Start button, or do one of the following:
   - Windows: Click Start > Programs or All Programs > EPSON Scan > EPSON Scan.
   - Mac: OS 8.6 to 9.x: Select EPSON Scan from the Apple menu.
   - Mac OS X: Double-click the EPSON Scan icon in the Applications folder.

3. EPSON Scan starts, prescans, and recognizes the type of image you placed on the scanner.

4. The scanner software provides you with a preview of your image. If you want to change any settings, you can click the Preview button to preview your scan.

5. Click the Scan button. (If you don’t see the output size you want, select Cancel, turn the scanner on and then restart your computer before you try to scan.)

Transporting the Scanner

To move or store your scanner safely, it’s important to secure the carriage.

1. Make sure the transportation lock on the back of the scanner is set to UNLOCK.

2. Turn the scanner on and wait until the carriage moves to the home position. Then turn it off.

3. Set the transportation lock to the LOCK position.

Scanning With Photoshop

You can also import your scanned image into Adobe® Photoshop® or Photoshop Elements, or another TWAIN-compliant application. You can use the tools in these applications to modify the image before you save or print it.

1. Place your photo face down on the scanner glass. Then start Photoshop or Photoshop Elements.

2. Select File > Import > EPSON Expression 1680. EPSON Scan starts and prescans your image.

3. Click the Scan button. Your scanner software scans the image and opens it in Photoshop or Photoshop Elements.

4. Close EPSON Scan. Then make any changes you want with the Photoshop software.

Customizing Your Scan

You can make sure the transportation lock on the back of the scanner is set to UNLOCK and the scanner is securely connected to your computer. Try restarting your computer and turning the scanner off and then on again. If the Epson icon in the System Tray is still flashing, contact your dealer or EPSON.

1. Make sure your scanner is plugged into a working outlet and turned on.

2. If you have not yet installed the software, click Cancel and disconnect the scanner. Follow the steps on the other side of this sheet.

3. You see an error message that EPSON Scan cannot be started.

4. Make sure your scanner is on. If it is off, turn the scanner on first, then restart your computer before you try to scan.

5. Make sure the power plug is connected to a working outlet.

6. Wait until the READY light stops flashing and remains on, then try again.

7. Make sure your cable is securely connected. If you have a USB connection, use a USB cable that came with your scanner.

8. If you’re using a USB hub, connect the scanner directly to one of the USB ports on your computer.

9. The scanner doesn’t scan your image.

10. Make sure the transportation lock is in the UNLOCK position.

11. If you’re using a SCSI connection, make sure the SCSI ID switch on the back of the scanner is not set to the pinhole (*). Make sure it’s set to a number that doesn’t conflict with any other SCSI devices. If you need the SCSI ID switch, turn the scanner off and then on again.

12. If you’re importing your image into a TWAIN-compliant application like Photoshop, make sure you select EPSON Expression 1680 as your import source.

Questions?

Here’s where to look for answers:

On-screen User’s Guide

Double-click the EPSON User’s Guide icon on your desktop for more information about using EPSON Scan, solving problems, and maintaining your scanner. You must have a web browser (Netscape Navigator® or Microsoft® Internet Explorer, version 3.0 or later) to view it.

On-screen Help for EPSON Scan

Click the Help button or question mark that appears on the screen when you’re using EPSON Scan.

EPSON Technical Support

EPSON provides technical assistance 24 hours a day through the electronic support services and automated telephone services described below:

- World Wide Web
  From the Internet, you can reach EPSON Support at http://support.epson.com.

- Automated Telephone Services
  To use Automated Telephone Services, you must have a touch tone telephone and call (800) 323-4555. Your EPSON SoundAdvice℠ Express Code is 68720. Use it to quickly select your scanner in SoundAdvice.

- To Speak to a Technical Support Representative
  Dial (900) 276-4382 (U.S.) or (900) 786-3000 (Canada) for 4 AM to 6 PM, Pacific Time, Monday through Friday. Toll or long distance charges may apply.

To purchase optional accessories

You can purchase a variety of optional accessories, including a transparency unit for scanning film and slides, an automatic document feeder for scanning multi-page documents, and an IES-1394 FireWire® card for FireWire connectivity. Just call EPSON Support® at (800) 873-7766, or visit our Web site at www.epsonstore.com (U.S. sales only). In Canada, please call (800) 453-7788 for dealer referral.

Problems?

First, check the lights on the scanner.

- READY Flashing green
  Warming up or scanning.
- READY Green
  Ready to scan.
- ERROR Flashing red
  Make sure that the transportation lock is set to UNLOCK and the scanner is correctly connected to your computer. Try restarting your computer and turning the scanner off and then on again. If the ERROR light is still flashing, contact your dealer or EPSON.
- READY Off
  If your problem is listed here, try these suggestions. For more information, see your software Help or on-screen User’s Guide.

- The New Hardware Wizard appears on your screen.

  Make sure your scanner is on. If it is off, turn the scanner on first, then restart your computer before you try to scan.

  Make sure the power plug is connected to a working outlet.

  Wait until the READY light stops flashing and remains on, then try again.

  Make sure your cable is securely connected. If you have a USB connection, use a USB cable that came with your scanner.

  If you’re using a USB hub, connect the scanner directly to one of the USB ports on your computer.

  The scanner doesn’t scan your image.

  Make sure the transportation lock is in the UNLOCK position.

- The scanner doesn’t look the same as the original.

  If the scanner glass is smudged or dusty, turn the scanner off and unplug the power cord. Wipe the glass with a soft, dry cloth.

  If your original document is dirty or wrinkled, it will show up in your scan. If the document is not aligned correctly (see “Your First Scan”), straight lines may come out jagged, or your printed image may look crossed. Try printing a test page to make sure your printer is operating correctly.

- The printed image is larger or smaller than the original.

  Because your monitor and printer use different color technologies, your printed colors can’t match the colors on your screen exactly.

- The printed image is too light or too dark.

  You can’t judge the size of the printed image by what you see on your screen. The Target Size setting in EPSON Scan, or the image size setting in Photoshop or other TWAIN-compliant software, determines the size of the printed image.
1 Unpack Your Scanner

Make sure you have everything:
- Scanner
- Transparent unit
- Reflective document mat
- Film holders
- CD-ROM with EPSON® Scan driver and electronic manual
- IT8 Calibration Kit
- LaserSoft® SilverFast All Kit
- ArcSoft Software Suite CD-ROM
- MonacoEZcolor® 2 CD-ROM Package
- Adobe® Photoshop® Elements 2.0 CD-ROM
- User's Guide
- Power cord
- USB cable
- (IEEE 1394 FireWire® interface cable (in Windows XP, or close your browser.)

Remove the yellow tape from the back of the scanner. If you don’t have Acrobat Reader, you can install it from the CD-ROM. When you’re finished, click Quit.

2 Install the Software

First you’ll install Adobe Photoshop Elements, then your scanner software.

Photoshop Elements
1. Insert the Adobe Photoshop Elements CD-ROM in the CD-ROM or DVD drive. The installer starts automatically.
2. Click Next on the first screen. Make sure US English is selected and click Next again.
3. Follow the on-screen instructions to begin installation and accept the software license conditions.
4. When you see this screen, click the Adobe Photoshop Elements button.
5. Follow the on-screen instructions. When you’re asked for a software serial number, enter the number printed on the sticker attached to the CD-ROM sleeve.
6. If you don’t have Acrobat Reader, eject the CD-ROM and repeat steps 1 to 3. Then select Adobe Acrobat Reader to install it.

Install the Adobe Photoshop Elements software. Then continue with the instructions below to install the scanner software.

Scanner Software
1. Insert the scanner software CD-ROM in the CD-ROM or DVD drive. (If necessary, double-click the EPSON CD-ROM icon to open it.)
2. Double-click EPSON.
3. You see a message to close all applications. Click OK.
4. Read the license agreement, then click Agree.
5. When the Software Installation screen appears, click Install.
6. Follow the on-screen instructions to install your User’s Guide. When you’ve done installing the guide, click Quit.
7. In Mac® OS X, enter your Administrator name and password when prompted, then click OK.
8. Read the license agreement, then click Accept.
9. When you see the EPSON Scan Installer screen, select EPSON Expression 1680 in the Easy Install menu and click Install.
10. Mac OS X: At the last screen, click Exit. The EPSON Product Registration screen appears. Mac OS 9.0 – 9.2: When you’re done installing, restart your Macintosh. The EPSON Product Registration screen appears.
11. Register your scanner as instructed. When finished, click Done or close your browser.
12. Remove the CD-ROM.

Install LaserSoft SilverFast, MonacoEZcolor, and the ArcSoft Software Suite following the instructions included with each program. Then continue with the instructions under “Install the Transparency Unit.”

3 Install the Transparency Unit

Before you connect the scanner to your computer, install the transparency unit.

Remove the scanner cover by grabbing the back of the cover and sliding it up.

Place the transparency unit on a flat surface, glass side up. Remove the tape. Then remove the shipping screw from the hole labeled CLAMP and install it in the hole labeled STOCK.

4 Position the slots on the transparency unit’s bracket over the two large screws at the back of the scanner. Slide the transparency unit forward slightly until the two holes in front of these slots line up with the small screw holes at the back of the scanner.

Insert the two screws that came with the transparency unit into these screw holes and tighten them with a coin.

5 Gently close the transparency unit. Connect the transparency unit cable to the OPTION connector at the back of the scanner and tighten the screws.

Note: LaserSoft SilverFast requires Mac OS 9.2 or later.

IMPORTANT! Leave the screws in place until you are instructed to remove them.

Wait! You must install your software before connecting the scanner to your computer. Be sure to close all open programs and turn off any virus protection programs.

If you don’t already have Adobe Photoshop or Photoshop Elements on your computer, install Photoshop Elements from the CD-ROM included with your scanner. To view the Photoshop Elements user manual, you’ll need Adobe Acrobat® Reader (included on your Photoshop Elements CD).
Connect the Scanner

After your transparency unit is installed, it’s time to get connected.

1. Slide the transportation lock to the UNLOCK position to unlock the scanner carriage.
2. Connect the scanner to your computer using either the USB or Firewire cable that came with your scanner, or a SCSI cable. Do not connect more than one type.

Note: Only the Professional FireWire model comes with a FireWire cable.

If you’re using USB...

Plug the © one end of the USB cable into the scanner’s USB port. Plug the © flat end into any available USB port on your computer or USB hub.

If you’re using FireWire...

Plug one end of the IEEE 1394 cable into the scanner’s IEEE 1394 port, and the other end into an IEEE 1394 port on your computer.

Note: Your scanner may not work correctly if you use a USB cable other than the one supplied by EPSON, or if you connect your scanner to a multi-level USB hub system.

If you’re using SCSI...

If you have another SCSI device that uses SCSI ID 2, bump the SCSI ID switch on the back of the scanner to a new number. Do not use 0 or 7.

Unless your scanner is connected in the middle of a SCSI chain, leave the terminator switch on the back of the scanner turned ON.

Squeeze the lock releases on your SCSI cable, and plug it into either SCSI port. Connect the pin end of the cable to the SCSI port on your computer.

Getting the Most From Your Scanner

The following sections contain overviews of how to get the most out of your professional scanner and its software. For detailed instructions, see the electronic or printed manuals for each software application. The SilverFast CD-ROM also contains useful QuicksTips® tutorials.

Managing Color Data

You can use MonacoEZColor and your device software to provide accurate color data across all your computer input and output devices (your scanner, monitor, digital camera, and printer). Here are the basic steps to manage color for scans that you will print. See your EZColor online guides for detailed instructions.

1. First you need to use the Create Printer Profile option in EZColor to create profiles for your scanner and printer.
2. You must create profiles for each type of print media and each group of settings. Print an RGB Target with the printer, type of paper, and settings you will use when printing images.
3. Open Adobe Photoshop Elements.
4. Choose Edit > Color Settings > Full color management—optimized for print. Then click OK.
6. Click Embed ICC profile to save the settings in your scan, click Apply, then click OK.
7. You’re prompted to prescan your image. Click Yes and adjust any scan settings, then click Scan RGB to scan your image.
8. Click File > Print with Preview or Print Preview, Click Show Other Options and then select Color Management. Choose your Monaco printer profile under the Print Space options.
9. Click Print, then check your settings in your printer software (making sure the monitor management is turned off and all your printer settings are correct). Click OK or Print to print your image.

Note: See your electronic SilverFast manual on the SilverFast CD-ROM for detailed color space and color management information. To view the manual, you’ll need Adobe Acrobat Reader, which is included on your SilverFast CD-ROM.

Scanning Film

Note: To scan slides or medium- or large-format film, follow these steps but use the correct holder. See the User’s Guide for details.

1. If necessary, remove the white document mat from the transparency unit.
2. Locate the 35 mm film holder that came with your scanner and carefully pull out the条约 strip holder.
3. Place a filmstrip in the holder with the shiny side face down. Let the V-notch line up the sprocket holes on the filmstrip with the guide posts on the holder.
4. Replace the film cover and press down to click it.
5. Repeat steps 2 to 4 for any additional film strips.
6. Place the film holder on the scanner glass, and close the transparency unit.
7. In Photoshop or Photoshop Elements, select File > Import > SilverFast (Epson Expr 1800) to open the SilverFast software.
8. On the General tab, select Transparency for the Original setting, then choose Positive or Negative.
9. For positive film, use the color correction tools to adjust the scan settings. For negatives, select the type of film you are scanning to automatically adjust the color, brightness, and balance settings.

Note: To correct scratches or dust, click the scratch and dust removal button and then click the parameter button for options.

Scanning 48-bit Images

For images in full 48-bit color depth, you can scan into ArcSoft PhotoStudio® with EPSON Scan. You can also scan an image with the standalone SilverFast application.

1. Raise the scanner lid and place your film on the scanner glass, then close the scanner lid. Make sure the white document mat is in place.
2. In Windows or Mac OS 8.6 to 9.x, click File > Acquire in PhotoStudio. EPSON Scan starts automatically. Choose Professional Mode from the Mode menu, then choose 48-bit Color as the Image Type. Click Scan to open the image in PhotoStudio.
3. In Mac OS X, open the standalone SilverFast 6 main program window, then scan a 48-bit file. Open the image in Photoshop Elements or Photoshop when the scan is complete.

Note: If you have the full version of Photoshop (5.0 or later), you can scan 48-bit images directly with SilverFast.

More Scanning Options

Here are more ways to get the most out of your scanner and software:

• Use the SilverFast Ai Job Manager for high-capacity batch scanning.
• Organize all your photos into albums which you can easily archive to CD or display in slideshows using ArcSoft PhotoStudio®.
• Stitch individual photos into wide panoramas or full views with ArcSoft Panorama Maker®.
• Create unique, artistic creations or effects with your scanned images using Photoshop Elements or PhotoStudio.

Questions?

Here’s where to look for answers:

EPSON Expression 1800 User’s Guide

Provides instructions for using EPSON Scan, as well as maintenance and troubleshooting information. You’ll find an electronic version of this manual on your desktop. You must have a web browser ( Netscape Navigator or Microsoft Internet Explorer, version 3.0 or later) to view it.

On-screen Help for EPSON Scan

Click the Help button on the appearance that marks the program on the screen when you’re using EPSON Scan.

EPSON Technical Support

EPSON provides technical assistance 24 hours a day through electronic support services and automated telephone services:

• Automated Telephone Services: To use these services, you must have a touch tone telephone and call (909) 922-8811. Your EPSON SoundAdvice® Express Code is 6672D. Use it to select your scanner in SoundAdvice.
• To Speak to a Technical Support Representative: Dial (510) 276-4382 (U.S.), or (905) 703-3835 (Canada), 9 AM to 5 PM, Monday through Friday. Toll or long distance charges may apply.

To purchase optional accessories:

Call the EPSON Store® at (800) 873-7766 or visit our web site at www.epsonstore.com. In Canada, please call (800) 463-7766 for dealer referral.

Problems?

First, check the lights on the scanner.

READY — Flashing green — Warning up or scanning.
READY — Flashing red — Ready to scan.
ERROR — Flashing red — Make sure the transportation lock is set to UNLOCK and the scanner is securely connected to your computer. Try restarting your computer and then on again. If the ERROR light is still flashing, contact your dealer or EPSON.
ERROR — Flashing green — Make sure your scanner is plugged into a working outlet and turned on.
ERROR — Flashing red — The New Hardware Wizard appears on your screen.

If you have not yet installed the software, click Cancel and disconnect the scanner. Follow the steps on the other side of this sheet to install the software. If you have FireWire and have installed the software and connected the scanner, complete the wizard.

You see an error message when you try to scan, or the scanner doesn’t scan.

Make sure your scanner is connected to your computer and plugged into a working outlet.

Wait until the green READY light stops flashing, then try again.

For more troubleshooting tips, see your software Help or your User’s Guide.

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