Note:
Try the High Capacity 77 cartridges available at http://www.epson.com/highcapacity (U.S. sales) or http://www.epson.ca (Canadian sales).

You may use any combination of cartridge sizes. If you’ve installed a high-capacity black cartridge (77), for example, you can still use a regular capacity magenta cartridge (78).

You can purchase genuine Epson ink and paper from Epson Supplies Central at www.epson.com/ink3 (U.S. sales) or www.epson.ca (Canadian sales). You can also purchase supplies from an Epson authorized reseller. To find the nearest one, call 800-GO-EPSON (800-463-7766).
## Epson Media

<table>
<thead>
<tr>
<th>Paper name*</th>
<th>Size</th>
<th>Part number</th>
<th>Sheet count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Epson Ultra Premium Photo Paper Glossy</td>
<td>Borderless 4 × 6 inches</td>
<td>S041934, S042181, S042174</td>
<td>50, 60, 100</td>
</tr>
<tr>
<td></td>
<td>Borderless 5 × 7 inches</td>
<td>S041945</td>
<td>20</td>
</tr>
<tr>
<td></td>
<td>Borderless 8 × 10 inches</td>
<td>S041946</td>
<td>20</td>
</tr>
<tr>
<td></td>
<td>Letter (8.5 × 11 inches)</td>
<td>S041935, S042182, S042175</td>
<td>20, 25, 50</td>
</tr>
<tr>
<td>Epson Ultra Premium Photo Paper Luster</td>
<td>Letter (8.5 × 11 inches)</td>
<td>S041405</td>
<td>50</td>
</tr>
<tr>
<td>Epson Premium Photo Paper Glossy</td>
<td>Borderless 4 × 6 inches</td>
<td>S041808, S041727</td>
<td>40, 100</td>
</tr>
<tr>
<td></td>
<td>Borderless 5 × 7 inches</td>
<td>S041464</td>
<td>20</td>
</tr>
<tr>
<td></td>
<td>Borderless 8 × 10 inches</td>
<td>S041465</td>
<td>20</td>
</tr>
<tr>
<td></td>
<td>Letter (8.5 × 11 inches)</td>
<td>S041286, S042183, S041667</td>
<td>20, 25, 50</td>
</tr>
<tr>
<td>Epson Premium Photo Paper Semi-gloss</td>
<td>Borderless 4 × 6 inches</td>
<td>S041982</td>
<td>40</td>
</tr>
<tr>
<td></td>
<td>Letter (8.5 × 11 inches)</td>
<td>S041331</td>
<td>20</td>
</tr>
<tr>
<td>Epson Photo Paper Glossy</td>
<td>Borderless 4 × 6 inches</td>
<td>S041809, S042038</td>
<td>50, 100</td>
</tr>
<tr>
<td></td>
<td>Letter (8.5 × 11 inches)</td>
<td>S041141, S041649, S041271</td>
<td>20, 50, 100</td>
</tr>
<tr>
<td>Epson Bright White Paper</td>
<td>Letter (8.5 × 11 inches)</td>
<td>S041586</td>
<td>500</td>
</tr>
<tr>
<td>Epson Premium Presentation Paper Matte</td>
<td>Borderless 8 × 10 inches</td>
<td>S041467</td>
<td>50</td>
</tr>
<tr>
<td></td>
<td>Letter (8.5 × 11 inches)</td>
<td>S041257, S042180</td>
<td>50, 100</td>
</tr>
<tr>
<td>Epson Premium Presentation Paper Matte Double-sided</td>
<td>Letter (8.5 × 11 inches)</td>
<td>S041568</td>
<td>50</td>
</tr>
<tr>
<td>Epson Presentation Paper Matte</td>
<td>Letter (8.5 × 11 inches)</td>
<td>S041062</td>
<td>100</td>
</tr>
<tr>
<td></td>
<td>Legal (8.5 × 14 inches)</td>
<td>S041067</td>
<td>100</td>
</tr>
<tr>
<td>Epson Photo Quality Self-Adhesive Sheets</td>
<td>A4 (8.3 × 11.7 inches)</td>
<td>S041106</td>
<td>10</td>
</tr>
<tr>
<td>Epson Iron-On Cool Peel Transfer Paper</td>
<td>Letter (8.5 × 11 inches)</td>
<td>S041153</td>
<td>10</td>
</tr>
</tbody>
</table>

* Availability of paper types varies by location.
**Printer Specifications**

**Printing**
Epson MicroPiezo® head with DX5™ variable droplets

**Mechanical**
- Paper feed: Friction
- Paper path: Sheet feeder, top entry
- Sheet feeder capacity: 120 sheets of 20 lb (75 g/m²) paper
- Dimensions:
  - Storage: Width: 17.7 inches (450 mm)  
    Depth: 11.1 inches (282 mm)  
    Height: 7.4 inches (187 mm)
  - Printing: Width: 17.7 inches (450 mm)  
    Depth: 22.5 inches (571 mm)  
    Height: 11.3 inches (288 mm)
- Weight: 11.9 lb (5.4 kg) without ink cartridges

**Ink Cartridges**
- Colors: Black, cyan, magenta, yellow, light cyan, light magenta
- Cartridge life: Within 6 months after opening package, at 77 °F (25 °C)
- Dimensions: (W × D × H) 0.5 × 2.9 × 2.2 inches  
  (12.7 × 73.5 × 55.3 mm)
- Storage temperature: –4 to 104 °F (–20 to 40 °C)  
  1 month at 104 °F (40 °C)
- Freezing temperature*: 3.2 °F (–16 °C)
  * Ink thaws and is usable after approximately 3 hours at 77 °F (25 °C).

**Electrical**

<table>
<thead>
<tr>
<th></th>
<th>100-120 V Model</th>
<th>220-240 V Model</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rated Voltage</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Input voltage range*</td>
<td>AC 90 to 132 V</td>
<td>AC 198 to 264 V</td>
</tr>
<tr>
<td>Rated current</td>
<td>0.6 A (Max. 0.9 A)</td>
<td>0.3 A (Max. 0.5 A)</td>
</tr>
<tr>
<td>Power consumption</td>
<td>ISO/IEC10561 Letter Pattern</td>
<td>Approx. 12 W</td>
</tr>
<tr>
<td>Sleep mode</td>
<td>Approx. 1.0 W</td>
<td>Approx. 1.2 W</td>
</tr>
<tr>
<td>Power off mode</td>
<td>Approx. 0.2 W</td>
<td>Approx. 0.3 W</td>
</tr>
</tbody>
</table>

* Check the label on the back of the printer for its voltage.

**Environmental**

- Temperature:
  - Operation: 50 to 95 °F (10 to 35 °C)
  - Storage: –4 to 104 °F (–20 to 40 °C)  
    1 month at 104 °F (40 °C)
- Humidity (without condensation):
  - Operation: 20 to 80% RH
  - Storage: 5 to 85% RH

**Safety Approvals**

- Safety standards: UL 60950-1  
  CAN/CSA-22.2 No. 60950-1
- EMC: FCC part 15 Subpart B class B  
  CAN/CSA-CEI/IEC CISPR 22 Class B

**USB Interface**

USB 2.0 Hi-Speed (Device Class for computers)

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**Note:**
We recommend that you use genuine Epson cartridges and do not refill them. The use of other products may affect your print quality and could result in printer damage.

For best printing results, use up a cartridge within six months of opening the package.

Cartridge yields vary considerably based on images printed, print settings, paper type, frequency of use, and temperature. For print quality, a small amount of ink remains in the cartridge after the “replace cartridge” indicator comes on.
Paper

Single sheets

<table>
<thead>
<tr>
<th>Size</th>
<th>A4 (8.3 × 11.7 inches)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>A6 (4.1 × 5.8 inches)</td>
</tr>
<tr>
<td></td>
<td>Letter (8.5 × 11 inches)</td>
</tr>
<tr>
<td></td>
<td>Legal (8.5 × 14 inches)</td>
</tr>
<tr>
<td></td>
<td>Half-letter (5.5 × 8.5 inches)</td>
</tr>
<tr>
<td></td>
<td>4 × 6 inches</td>
</tr>
<tr>
<td></td>
<td>5 × 7 inches</td>
</tr>
<tr>
<td></td>
<td>3.5 × 5 inches</td>
</tr>
<tr>
<td></td>
<td>8 × 10 inches</td>
</tr>
<tr>
<td></td>
<td>16:9 (4 × 7.11 inches)</td>
</tr>
<tr>
<td></td>
<td>User Defined up to 8.5 × 44 inches</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Paper type</th>
<th>Plain bond paper or special paper distributed by Epson</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thickness</td>
<td>0.003 to 0.004 inch (0.08 to 0.11 mm)</td>
</tr>
<tr>
<td>Weight (for plain bond paper)</td>
<td>17 lb (64 g/m²) to 24 lb (90 g/m²)</td>
</tr>
</tbody>
</table>

Envelopes

<table>
<thead>
<tr>
<th>Size</th>
<th>No. 10 (4.1 × 9.5 inches)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>DL (4.3 × 8.7 inches)</td>
</tr>
<tr>
<td></td>
<td>C6 (4.5 × 6.4 inches)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Paper type</th>
<th>Plain bond paper</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight</td>
<td>20 lb (75 g/m²) to 24 lb (90 g/m²)</td>
</tr>
</tbody>
</table>

Note:
Poor quality paper may reduce the print quality and cause paper jams or other problems. If you have print quality problems, switch to a higher grade paper.

Do not load curled or folded paper and use paper only under these conditions:

Temperature: 59 to 77 °F (15 to 25 °C)
Humidity: 40 to 60% RH

Printable area

<table>
<thead>
<tr>
<th>Normal</th>
<th>Borderless*</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>The minimum top margin is 0.12 inches (3.0 mm).</td>
</tr>
<tr>
<td>B-L</td>
<td>The minimum left margin is 0.12 inches (3.0 mm).</td>
</tr>
<tr>
<td>B-R</td>
<td>The minimum right margin is 0.12 inches (3.0 mm).</td>
</tr>
<tr>
<td>C</td>
<td>The minimum bottom margin is 0.12 inches (3.0 mm).</td>
</tr>
<tr>
<td>D-L</td>
<td>The minimum left margin is 0.20 inches (5.0 mm).</td>
</tr>
<tr>
<td>D-R</td>
<td>The minimum right margin is 0.20 inches (5.0 mm).</td>
</tr>
<tr>
<td>E</td>
<td>The minimum bottom margin is 0.78 inches (20.0 mm).</td>
</tr>
</tbody>
</table>

* When you print with the borderless feature, print quality may decline in the expanded area. Before printing large jobs using the borderless setting, print a single sheet to confirm printout quality.

Note:
Always load paper into the sheet feeder with the short edge first. Load envelopes with the flap edge left and the flap side down.

CDs or DVDs

<table>
<thead>
<tr>
<th>12-cm CD/DVD</th>
<th>8-cm CD/DVD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inner hub area</td>
<td>18 to 42 mm</td>
</tr>
<tr>
<td>Outer periphery area</td>
<td>117 to 120 mm for a 12-cm CD/DVD</td>
</tr>
<tr>
<td></td>
<td>77 to 80 mm for a 8-cm CD/DVD</td>
</tr>
</tbody>
</table>

If you print in the following areas of the disc, the disc or CD/DVD tray may get stained with ink:
Checking the Printer’s Lights

To diagnose problems, check the printer’s lights:

<table>
<thead>
<tr>
<th>Lights</th>
<th>Explanation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Green ○ power light flashes</td>
<td>The printer is receiving a print job, replacing an ink cartridge, charging ink, or cleaning the print head.</td>
</tr>
<tr>
<td>Red ☮️ paper out light is on and green ○ power light flashes</td>
<td>If you’re printing on paper, your paper ran out. Load more paper and press the ☮️ paper button to resume printing. If you’re printing on a CD or DVD, the CD/DVD tray is not inserted. Insert the tray, then press the ☮️ paper button.</td>
</tr>
<tr>
<td>Red ☮️ paper out light and green ○ power light flash</td>
<td>If you’re printing on paper, it is jammed in the printer. Press the ☮️ paper button to eject the paper. If that doesn’t work, turn off the printer, open the cover, and pull the paper out from the front, including any torn pieces. Then turn on the printer, reload paper, and press the ☮️ paper button. If you’re printing on a CD or DVD, the CD/DVD tray has not ejected. Pull out the tray and press the ☮️ paper button.</td>
</tr>
<tr>
<td>Red ☮️ ink light flashes and green ○ power light is on</td>
<td>One of the cartridges is nearly expended. Check the message that appears on your screen to determine which cartridge is nearly expended or follow the instructions in the next section to check the ink supply. Make sure you have a replacement cartridge.</td>
</tr>
<tr>
<td>Red ☮️ ink light and green ○ power light are on</td>
<td>One of the cartridges is nearly expended or not installed. Make sure you have a replacement cartridge, then follow the instructions in the next section to install it. If you have just installed a new cartridge, it may be incompatible with the printer or incorrectly installed. Reinstall it or replace it with the correct cartridge, as described in the next section.</td>
</tr>
<tr>
<td>Green ○ power light is off; red ☮️ paper out and ☮️ ink lights flash</td>
<td>Paper may be blocking movement of the print head. Turn off the printer, then open the cover and remove any jammed paper or other foreign objects. Turn the printer back on again. If the lights are still on, contact Epson.</td>
</tr>
<tr>
<td>Red ☮️ paper out and red ☮️ ink light flash alternately and green ○ power light is off</td>
<td>The printer may have an internal error. Turn it off, wait a few seconds, and then turn it on again. If the lights are still flashing, contact Epson.</td>
</tr>
</tbody>
</table>

Replacing an Ink Cartridge

- When the red ☮️ ink light flashes, one or more ink cartridges are low on ink.
- When the red ☮️ ink light stays on, you need to replace the cartridge(s).

You’ll also see a message on your screen when you print telling you which cartridge is low or expended.

When a cartridge is more than six months old, you may need to replace it if printouts don’t look their best. If the quality doesn’t improve after cleaning and aligning the print head, you can replace the cartridge even if the red ☮️ ink light is off.

Caution:
You cannot print when an ink cartridge is expended, even if other cartridges are not expended. Leave the expended cartridge(s) installed until you have obtained a replacement, or the ink remaining in the print head nozzle may dry out.

A window may appear on your computer screen if you try to print when ink is low. On a Windows computer that is connected to the Internet, you may see a screen asking if you want to receive ink offers and other updates from Epson. Click Accept or Decline to continue.

Note:
To disable checking for ink offers or updates from Epson, see the instructions in your on-screen User’s Guide.

Checking the Ink Supply

Note:
Epson cannot guarantee the quality or reliability of non-genuine ink. If you install non-genuine ink cartridges, the ink cartridge status will not be displayed.

If any of the ink cartridges installed in the printer is broken, incompatible, or improperly installed, the ink cartridge status will not be accurately displayed.

When you use your printer as a shared printer on a network, the client operating systems may not be able to communicate directly with the printer and some functions will not be available for the client.

To check your ink supply, do one of the following:
- Windows: Double-click the printer icon on your taskbar.
- Macintosh OS X: Open the Applications folder and select EPSON Printer Utility2. Select SP R280 Series in the printer list, click OK, and select EPSON StatusMonitor.
Removing and Installing Ink Cartridges

Be sure you have a new ink cartridge before you begin. Once you start replacing a cartridge, you must complete all the steps in one session.

Caution:
Leave the expended cartridge installed until you have obtained a replacement, or the ink remaining in the print head nozzles may dry out.

Note:
We recommend that you use genuine Epson cartridges and do not refill them. The use of other products may affect your print quality and could result in printer damage.

Do not open ink cartridge packages until you are ready to install the ink. Cartridges are vacuum packed to maintain reliability.

1. Make sure the CD/DVD tray is not inserted in the printer, and make sure the front tray is in the paper (lower) position.

2. Make sure the printer is turned on. (The green power light should be on, but not flashing.) Then open the printer cover.

3. Press and release the ink button.

   ❏ If you are replacing a low or expended cartridge, the print head moves to the ink cartridge check position, and the cartridge that needs to be replaced stops under the mark. The green power light begins to flash.

   ❏ If you are replacing a cartridge before it is low or expended, the print head moves directly to the ink cartridge replacement position. Skip to step 6.

   Note:
   Don’t hold down the ink button for more than 3 seconds, or the printer will start to clean the print head.

4. Press the ink button again.

   ❏ If more than one cartridge is low or expended, the next cartridge moves under the mark. Repeat this step.

   ❏ If all the low or expended cartridges have been identified, the print head moves to the ink cartridge replacement position.

   Note:
   If an ink cartridge is low, you may continue to use it until it is expended.

5. Open the cartridge cover.

6. Remove the new cartridge from its package.

   Caution:
   Do not move the print head by hand; this may damage your printer. Always press and release the ink button to move it.

   Be careful not to touch the white flat cable inside the printer.

   Note:
   Be careful not to break the hooks on the front of the ink cartridge when you remove it from the package.

   Always install an ink cartridge immediately after removing the old cartridge. If the cartridge is not installed promptly, the print head may dry out and be unable to print.

   Do not touch the green IC chip on the side of the cartridge. This can damage the ink cartridge.
7. Remove the yellow tape from the bottom of the ink cartridge.

**Caution:**
You must remove the yellow tape from the cartridge before you install it; otherwise, print quality may decline or you may not be able to print.

If you have installed an ink cartridge without removing the yellow tape, take the cartridge out of the printer, remove the yellow tape, and then reinstall it.

Do not remove the transparent seal from the bottom of the cartridge; otherwise, the cartridge may become unusable.

Do not remove or tear the label on the cartridge; otherwise, ink will leak.

8. Squeeze the back tab of the used cartridge as you lift it straight up and out of the printer and dispose of it properly. Don’t take the cartridge apart or try to refill it.

9. Lower the new ink cartridge into the holder. Push down gently until the cartridge clicks into place.

10. If you need to replace other ink cartridges, repeat steps 6 through 9 before continuing with step 11.

11. Close the cartridge cover.

12. Close the printer cover and press the ink button. The printer begins charging the ink delivery system.

The green power light flashes and the printer makes noise. Charging takes about one and a half minutes. When it’s finished, the green power light stops flashing and stays on, and the red ink light goes out.

**Caution:**
Never turn off the printer while the green power light is flashing, unless the print head hasn’t moved or the printer hasn’t made noise for more than 5 minutes.

Do not insert the CD/DVD tray until ink charging is complete.

**Note:**
If the red ink light flashes after the print head moves to its home (far right) position, the ink cartridge may not be installed properly. Press the ink button two or more times (until the print head moves to the ink cartridge replacement position), open the cartridge cover, and press down the ink cartridge until it clicks into place.

Warning:
If ink gets on your hands, wash them thoroughly with soap and water. If ink gets in your eyes, flush them immediately with water. If discomfort or vision problems continue after a thorough flushing, see a doctor immediately.
Paper Loading Guidelines

You can load up to 120 sheets of plain paper and up to 20 sheets of photo paper. You can load the following number of sheets of Epson special media:

<table>
<thead>
<tr>
<th>Paper name</th>
<th>Loading capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Epson Premium Bright White Paper</td>
<td>120 sheets</td>
</tr>
<tr>
<td>Epson Presentation Paper Matte</td>
<td>80 sheets</td>
</tr>
<tr>
<td>Epson Ultra Premium Photo Paper Glossy</td>
<td>20 sheets</td>
</tr>
<tr>
<td>Epson Premium Photo Paper Semi-gloss</td>
<td></td>
</tr>
<tr>
<td>Epson Photo Paper Glossy</td>
<td></td>
</tr>
<tr>
<td>Epson Premium Presentation Paper Matte</td>
<td></td>
</tr>
<tr>
<td>Epson Premium Presentation Paper Matte Double-sided</td>
<td></td>
</tr>
<tr>
<td>Epson Ultra Premium Photo Paper Luster</td>
<td></td>
</tr>
<tr>
<td>Epson Iron-on Cool Peel Transfer Paper</td>
<td>1 sheet</td>
</tr>
<tr>
<td>Epson Photo Quality Self Adhesive Sheets</td>
<td></td>
</tr>
</tbody>
</table>

Follow these guidelines when loading paper:

- Leave enough space in front of the printer for the paper to be fully ejected.
- Don’t load paper above the arrow on the left edge guide. Make sure the paper is under the tabs on the left and right edge guides.
- Load the printable side face-up. It’s often brighter or whiter than the other side.
- Always load the short edge first, even when printing in landscape mode.
- Load letterhead or preprinted paper into the printer top edge first.
- If you experience paper feeding problems, try loading fewer sheets.
- If you’re using special paper, follow the instructions that came with it.

Selecting the Paper Type Setting

To obtain optimal image quality, it is important to select the correct paper Type or Media Type setting. This setting tells your printer what kind of paper or CD/DVD you’re using and adjusts the ink coverage accordingly.

The table below lists the settings you should choose for your paper.

<table>
<thead>
<tr>
<th>For this paper/media</th>
<th>Select this setting</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plain paper</td>
<td>Plain Paper/Bright White Paper</td>
</tr>
<tr>
<td>Epson Bright White Paper</td>
<td>Ultra Premium Photo Paper Glossy</td>
</tr>
<tr>
<td>Epson Ultra Premium Photo Paper Glossy</td>
<td>Premium Photo Paper Glossy</td>
</tr>
<tr>
<td>Epson Ultra Premium Photo Paper Semi-gloss</td>
<td>Premium Photo Paper Semi-gloss</td>
</tr>
<tr>
<td>Epson Photo Paper Glossy</td>
<td>Photo Paper Glossy</td>
</tr>
<tr>
<td>Epson Presentation Paper Matte</td>
<td>Presentation Paper Matte</td>
</tr>
<tr>
<td>Epson Iron-on Cool Peel Transfer Paper</td>
<td>Ultra Premium Photo Paper Luster</td>
</tr>
<tr>
<td>Epson Premium Presentation Paper Matte</td>
<td>Premium Presentation Paper Matte</td>
</tr>
<tr>
<td>Epson Premium Presentation Paper Matte Double-sided</td>
<td></td>
</tr>
<tr>
<td>Epson Photo Quality Self-adhesive Sheets</td>
<td></td>
</tr>
<tr>
<td>Epson Iron-on Cool Peel Transfer Paper</td>
<td></td>
</tr>
<tr>
<td>Ink jet-printable CDs and DVDs</td>
<td>CD/DVD</td>
</tr>
<tr>
<td>Envelopes</td>
<td>Envelope</td>
</tr>
</tbody>
</table>
Printing on CDs and DVDs

You can use the CD/DVD tray to print customized text, graphics, and photos directly on any ink jet-printable CD or DVD. The Epson Print CD software makes it easy to import your own photos, add text, and modify your designs with a variety of special effects. You can print on both regular 12-cm and 8-cm CDs and DVDs.

Caution:
Use only ink jet-printable CDs and DVDs for printing. Thermal-printable and regular CDs and DVDs should not be used with this printer.

Guidelines for Printing on CDs and DVDs

- Make sure the data, music, or video is burned on your CD or DVD before you print. Otherwise, dirt or scratches on the surface may cause errors when you burn the data.
- You can set the printable area for your CDs or DVDs using Epson Print CD. Make sure the settings you choose are appropriate for the CD or DVD you are printing on; otherwise, you may stain the CD/DVD tray, CD, or DVD.
- Moisture on the printable surface of your CDs or DVDs may cause smearing.
- Before using or touching the printed surface of your CDs or DVDs, make sure you dry them for 24 hours.
- Depending on your CD or DVD type, smearing may occur or the printed surface may be sticky even after it has dried. If smearing or stickiness occurs, you can adjust the print density (see your online User's Guide for instructions), or try a different brand of CD or DVD.
- If you accidentally print on the CD/DVD tray, immediately wipe off the ink.

The printable area of a CD or DVD is shown below:

12-cm CD/DVD

8-cm CD/DVD

Note:
If you print in the inner hub or outer periphery areas of the disc, the disc or CD/DVD tray may get stained with ink:

- Inner hub area: 18 to 42 mm
- Outer periphery area: 117 to 120 mm (12-cm CD/DVD), 77 to 80 mm (8-cm CD/DVD)

Inserting a CD or DVD

Before you insert a CD or DVD, make sure the printer is turned on. Otherwise, the disc may not be positioned correctly. Then follow these steps:

1. Open the front cover.

2. Lift the front tray up with both hands, then pull it out of the paper position (lower notches).

3. Set the front tray in the CD/DVD position (upper notches).
4. Place the CD or DVD on the CD/DVD tray with the white or printable side face-up. Make sure the disc lies flat in the tray.

**Note:**
Use one CD/DVD at a time.

**Caution:**
Before you position the CD or DVD, make sure that no dust or dirt is on the CD/DVD tray, as this may damage the disc's data side.

Be sure to use the CD/DVD tray provided with this printer. If you use another CD/DVD tray, there may be a gap in the print position and printing may not be performed properly.

To print on a small CD or DVD (8-cm), place the small CD/DVD adapter on the tray first, then place the CD or DVD inside the adapter.

**Caution:**
Make sure you always use the small CD/DVD adapter when you print on 8-cm CDs or DVDs and that the CD or DVD and adapter lie flat on the tray; otherwise the printer may be damaged.

5. Firmly insert the CD/DVD tray along the base of the front tray until it meets resistance. Continue sliding the tray into the printer until the arrows on the CD/DVD tray and the front tray are aligned.

**Caution:**
Make sure both sides of the CD/DVD tray slide into the brackets on the front tray.

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**Designing CDs and DVDs**
You can use the Epson Print CD program (included on the Printer Software CD-ROM) to create and print a design with images, graphics, and text. See your on-screen *User’s Guide* for instructions.

**Printing Your Design**
After you have created your design and loaded a CD or DVD, you’re ready to print.

1. Open the File menu and select **Print**.
2. **Windows:** Make sure **EPSON Stylus Photo R280 Series** is selected.
   **Macintosh:** Click the **Select Printer** button, then select **Stylus Photo R280** from the printer list and click **OK**.
3. Select **CD/DVD** or **CD/DVD Premium Surface** as the **Media Type** setting.
4. Select **None** as the Print Confirmation Pattern setting (Windows) or Test Print Pattern setting (Macintosh).
5. Click **Print**.

**Note:**
After you print, handle the CD or DVD carefully. To allow the ink to dry, wait at least 24 hours before playing the disc or inserting it in a drive. Keep printed discs away from moisture and direct sunlight.

If you select **CD/DVD Premium Surface** as the Media Type setting in the Printer Settings window and use a high quality CD/DVD, you can create high quality CD/DVD labels.

**Caution:**
Be sure to place the front tray in the paper (lower) position when you’re done printing on CDs and DVDs.

If you need to adjust the print position or color, see your on-screen *User’s Guide*. 
Cleaning the Print Head

If your printouts are unexpectedly light or faint, or you notice light or dark bands across your printout, you may need to clean the print head. This unclogs the nozzles so they can deliver ink properly. Print head cleaning uses ink, so clean it only if quality declines.

You can clean the print head using the ink button on the printer or using the Head Cleaning utility on your computer. You can also run a nozzle check to see if the print head needs cleaning.

Note:
Clean the print head only when print quality declines (for example, if you see lines in your printout or colors are incorrect or missing).

Before you clean the print head, check the print head nozzles first (as described in the next section) to confirm that the print head needs to be cleaned. This saves ink.

Caution:
If you don’t use your printer often it is a good idea to print a few pages at least once a month to maintain good print quality.

Before you check the print head nozzles or clean the print head, make sure the CD/DVD tray is not inserted in the printer, and make sure the front tray is in the paper (lower) position.

Checking the Print Head Nozzles

You can check the print head nozzles using your computer or the buttons on the printer.

Using Your Computer

1. Make sure the printer is turned on but not printing, and the red ink light is not on. (If the red ink light is on, you need to replace a cartridge.)
2. Make sure letter-size plain paper is loaded in the printer.
3. Windows: Right-click the printer icon on your taskbar (in the lower right corner of your screen). Select Nozzle Check.
   Macintosh OS X: Open the Applications folder and select EPSON Printer Utility2. Select SPR280 Series in the printer list, click OK, and select Nozzle Check.

   You see a screen like the following:

4. Click Print or Next. The nozzle check pattern prints:

   - Print head does not need to be cleaned:
   - Print head needs to be cleaned:

5. If there are no gaps or lines, click Finish.
   If there are gaps or lines, or the test patterns are faint, click Clean. Then read the on-screen instructions and skip to step 3 under “Running the Head Cleaning Utility” (“Using Your Computer”) to clean the nozzles.

Using the Buttons on the Printer

1. Make sure the printer is turned on but not printing, that the CD/DVD tray is not inserted in the printer, and the red ink light is not on. (If the red ink light is on, you need to replace a cartridge.)
2. Turn the printer off and make sure the front tray is in the paper (lower) position.
3. Make sure letter-size plain paper is loaded in the printer.
4. Hold down the paper button, then press the power button. Hold down both buttons until the power light begins to flash, then release the power button.

5. When the nozzle check starts to print, release the paper button. Check the printed nozzle check pattern to see if there are gaps in the lines.

6. If there are no gaps or lines, the print head does not need to be cleaned.

   If there are gaps or lines, or the test patterns are faint, follow the instructions in the next section to clean the nozzles.

**Running the Head Cleaning Utility**

**Using Your Computer**

1. Make sure the printer is turned on but not printing, that the CD/DVD tray is not inserted in the printer, and the red ink light is off. (If the red ink light is flashing or on, you need to replace a cartridge.)

2. **Windows**: Right-click the printer icon on your taskbar and select **Head Cleaning**.

   **Macintosh OS X**: Open the Applications folder and select **EPSON Printer Utility2**. Select **SP R280 Series** in the printer list, click **OK**, and select **Head Cleaning**.

You see a screen like the following:

3. Click **Start** or **Next**.

   Cleaning takes several seconds. The printer runs a head cleaning cycle and the green power light flashes.

   **Caution**: Never turn off the printer while head cleaning is in progress. You may damage it.

   Do not insert the CD/DVD tray until cleaning has finished.

4. When the green power light stops flashing, make sure paper is loaded in the printer, then do the following:

   - **Windows**: Click **Print Nozzle Check Pattern**, then click **Print**.
   - **Macintosh OS X**: Click **Confirmation**, then click **Next**.

   The nozzle check pattern is printed. (See “Examining the Nozzle Check Pattern” on page 13 for details.)

5. If there are no gaps or lines, click **Finish**.

   If there are still gaps or lines, or the test patterns are faint, click **Clean** to clean the print head again.

   If you don’t see any improvement after cleaning three times, turn the printer off and wait overnight. This allows any dried ink to soften. Then, try cleaning the print head again.
Using the Buttons on the Printer

1. Make sure the printer is turned on but not printing, and the red ink light is off. (If the red ink light is flashing or on, you need to replace a cartridge.)

2. Hold down the ink button on the printer for approximately 3 seconds.

   The printer runs a head cleaning cycle and the green power light flashes. Cleaning takes several seconds.

   **Caution:**
   Never turn off the printer while head cleaning is in progress. You may damage it.

   Do not insert the CD/DVD tray until cleaning has finished.

3. When the green power light stops flashing, make sure paper is loaded in the printer, then print a nozzle check to determine whether you need to clean the print head again. See “Checking the Print Head Nozzles” on page 11 for more information.

   If you don’t see any improvement after cleaning three times, turn the printer off and wait overnight. This allows any dried ink to soften. Then, try cleaning the print head again.

Examining the Nozzle Check Pattern

Examine the nozzle check pattern you printed. Each staggered line should be solid, with no gaps, as shown.

- If your printout looks okay, you’re done.
- If you see any gaps (as shown below), clean the print head again.

Aligning the Print Head

If your printouts look grainy or blurry, or you see light or dark lines, you may need to align the print head.

**Note:**
You may also see lines in your printouts if your cartridges are low on ink or you need to clean the print head.

Before you align the print head, make sure the CD/DVD tray is not inserted in the printer, and make sure the front tray is in the paper (lower) position.

1. Turn on the printer.
2. Make sure none of the lights are indicating errors.
3. Load several sheets of plain, letter-size paper.
4. Do one of the following:
   - **Windows:** Right-click the printer icon on your taskbar (in the lower right corner of your screen). Select Print Head Alignment.
   - **Macintosh:** Open the Applications folder and select EPSON Printer Utility2. Select SP R280 Series in the printer list, click OK, then select Print Head Alignment.
5. Follow the instructions on the screen to print the alignment pattern. You see a window like this one:

   ![Alignment Pattern](image)

6. Look at the four sets of patterns in your printout. For each set, look at the printed squares to determine which one in each set is the most even, with no streaks or lines, and enter its number in the corresponding box on the screen.

   If every square in a set contains a line or lines, select the square with the thinnest band or bands. Then click Realignment and Print to print another alignment sheet and repeat this step.

7. Click Finish to close the Print Head Alignment utility.
Cleaning the Printer

To keep your printer working at its best, you should clean it several times a year.

Tip:
To keep your Epson product looking like new, make sure you don’t place anything on top of the cover or use it as a writing surface. If you need to clean the cover, use only a soft, nonabrasive microfiber-type cloth.

Warning:
Don’t touch the gears or any other parts inside the printer.

1. Load several sheets of letter-size paper.
2. Press the paper button to feed and eject paper.
3. Repeat step 2 if necessary.

Caution:
- Do not apply grease to the metal parts under the ink cartridge holder.
- Never use a hard or abrasive brush, or benzine, alcohol, or paint thinner for cleaning; they can damage the printer components and case.
- Don’t get water on the printer components and don’t spray or apply lubricants, oils or grease inside the printer.
- Don’t use any cleaning sheets included with special paper; they may jam inside the printer.

Transporting the Printer

If you need to ship your printer, you must prepare it for transportation by packing the printer in its original box or one of a similar size.

Caution:
When storing or transporting the printer, do not tilt it, stand it up vertically, or turn it upside down. Otherwise, ink may leak from the cartridges.

Leave the ink cartridges installed. Removing the cartridges can dehydrate the print head and may prevent the printer from printing.

1. Turn on the printer. Wait until the print head returns to the home (far right) position, then close the printer cover.
2. Turn off the printer and unplug its power cord. Then disconnect the power cord and USB cable from the printer.

3. Open the printer cover. Secure the print head with tape, as shown below, then close the printer cover.

4. Remove any paper from the printer, then push down the paper support extension and close the paper support.
5. Repack the printer and its attachments in the original box using the protective materials that came with them.

Keep the printer level as you transport it.

After transporting the printer, remove the tape securing the print head. Then plug in your printer, turn it on, and test it. If you notice a decline in print quality, clean the print head; if output is grainy or blurry, align the print head.

Related Documentation

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