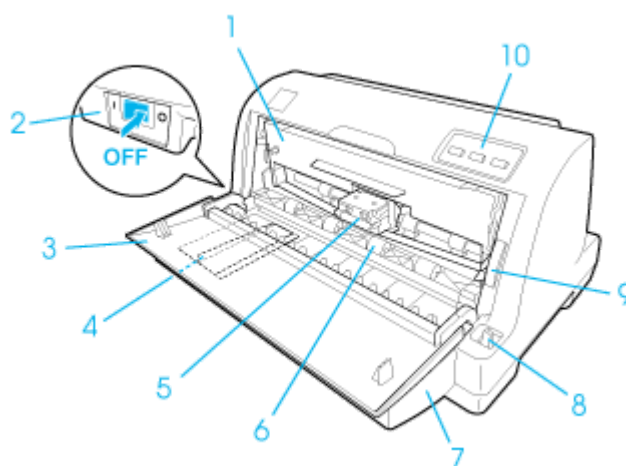


Printer Parts

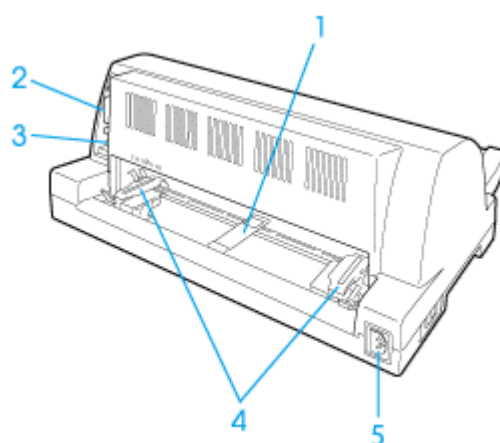


[Home](#) > [Product Information](#)

Printer Parts



1. ribbon cartridge
2. power switch
3. printer cover
4. edge guide
5. print head
6. paper bail
7. paper guide
8. paper release lever
9. paper-thickness lever
10. control panel



1. center paper support*

2. parallel interface connector
 3. USB interface connector
 4. sprockets*
 5. AC inlet
- * tractor unit parts

Printer Specifications



LQ-630

EXCEED YOUR VISION



[Home](#) > [Product Information](#)

Printer Specifications

-  Mechanical
-  Electronic
-  Electrical
-  Environmental
-  Paper
-  Recommended printable area

Mechanical

Printing method:	24-pin impact dot matrix	
Printing speed:	High speed draft	300 cps at 10 cpi 360 cps at 12 cpi
	Draft	225 cps at 10 cpi (337 cps at 15 cpi maximum)
	Letter quality	79 cps at 10 cpi
Printing direction:	Bidirectional logic seeking for text and graphics printing. Unidirectional text or graphics printing can be selected using software commands.	
Line spacing:	1/6-inch or programmable in 1/360-inch increments	
Printable columns:	80 columns (at 10 cpi)	
Resolution:	Maximum 360 × 180 dpi (letter-quality mode)	
Paper feed methods:	Friction (front)	
	Push tractor (rear)	
Reliability:	Total print volume	20 million lines (except print head) MTBF 10,000 POH (25% duty)
	Print head life	Approx. 400 million strokes/wire
	Height	185 mm (7.3 inches)
Dimensions and weight (with paper guide):	Width	386 mm (15.2 inches)
	Depth	306 mm (12.0 inches)
	Weight	Approx. 3.5 kg (7.7 lb)
Ribbon:	Black ribbon cartridge	S015290
	Ribbon life	Approx. 3.5 million characters (at 10 cpi in the letter-quality mode with 48 dots/character)
Acoustic noise:	Approx. 57 dB (A) (ISO 7779 pattern)	

 **Note:**

The paper-thickness lever position or an overheated print head may affect the print speed.

[Top](#) 

Electronic

Interfaces:	One standard bidirectional, 8-bit, parallel interface with IEEE 1284 nibble mode support, one USB 2.0 (Full Speed) interface slot
Buffer:	32KB

Built-in fonts:

Bitmap fonts:

EPSON Draft 10, 12, 15 cpi
EPSON Roman 10, 12, 15 cpi, proportional
EPSON Sans Serif 10, 12, 15 cpi, proportional
EPSON Courier 10, 12, 15 cpi
EPSON Prestige 10, 12 cpi
EPSON Script 10 cpi
EPSON OCR-B 10 cpi
EPSON Orator 10 cpi
EPSON Orator-S 10 cpi
EPSON Script C proportional

Scalable fonts:

EPSON Roman 10.5, 8 to 32 points, in 2-point increments
EPSON Sans Serif 10.5, 8 to 32 points, in 2-point increments
EPSON Roman T 10.5, 8 to 32 points, in 2-point increments
EPSON Sans Serif H 10.5, 8 to 32 points, in 2-point increments

Barcode fonts:

EAN-13, EAN-8, Interleaved 2 of 5, UPC-A, UPC-E, Code 39, Code 128, POSTNET

Character tables:

Standard

One Italic and 12 graphical character tables:

Italic table, PC437 (US, Standard Europe), PC850 (Multilingual), PC860 (Portuguese), PC861(Icelandic), PC863 (Canadian-French), PC865 (Nordic), Abicomp, BRASCII, Roman 8, ISO Latin 1, PC 858, ISO 8859-15

Expanded

One italic and 35 graphics character tables:

Italic table, PC437 (US, Standard Europe), PC850 (Multilingual), PC437 Greek, PC853(Turkish), PC855(Cyrillic), PC852 (East Europe), PC857 (Turkish), PC 864(Arabic), PC866 (Russian), PC869 (Greek), MAZOWIA (Poland), Code MJK (CSFR), ISO 8859-7 (Latin/Greek), ISO Latin 1T (Turkish), Bulgaria (Bulgarian), PC 774 (LST 1283:1993), Estonia (Estonia), ISO 8859-2, PC 866 LAT. (Latvian), PC 866 UKR (Ukraine), PC860 (Portuguese), PC861 (Icelandic), PC865 (Nordic), PC APTEC (Arabic), PC 708 (Arabic), PC 720 (Arabic), PCAR 864 (Arabic), PC863 (Canadian-French), Abicomp, BRASCII, Roman 8, ISO Latin 1, PC 858, ISO 8859-15, PC 771 (Lithuania)

Character sets:

14 international character sets and one legal character set:

USA, France, Germany, UK, Denmark I, Sweden, Italy, Spain I, Japan, Norway, Denmark II, Spain II, Latin America, Korea, Legal

[Top](#) 

Electrical

	220 to 240 V Model
Input voltage range	198 - 264 V
Rated frequency range	50 - 60 Hz
Input frequency range	49.5 - 60.5 Hz
Rated current	0.8 A (maximum 1.5 A depending on the character type)
Power consumption	Approx. 28 W (ISO/IEC 10561 letter pattern) Approx. 9 W in ready mode Approx. 0.4 W in sleep mode* 0 W in power off

* sleep mode: When the configured time passes in the following conditions, the printer enters sleep mode.

- No operation
- No error
- There is no data in input buffer

 **Note:**

Check the label on the back of the printer for the voltage of your printer.

[Top](#) 

Environmental

	Temperature	Humidity (without condensation)

Operation (plain paper)	5 to 35 °C (41 to 95 °F)	10 to 80% RH
Operation (recycled paper or label)	15 to 25 °C (59 to 77 °F)	30 to 60% RH
Storage	-30 to 60 °C (-22 to 140 °F)	0 to 85%

Top 

Paper

 Note:

- Use recycled paper and labels only under normal temperature and humidity conditions, as follows:
Temperature: 15 to 25 °C (59 to 77 °F)
Humidity: 30 to 60% RH
- Do not load paper that has been folded or is damaged, wrinkled, or curled.

Single sheets

See also [Multipart forms](#) for detailed information on the specification for single-sheet multipart forms.

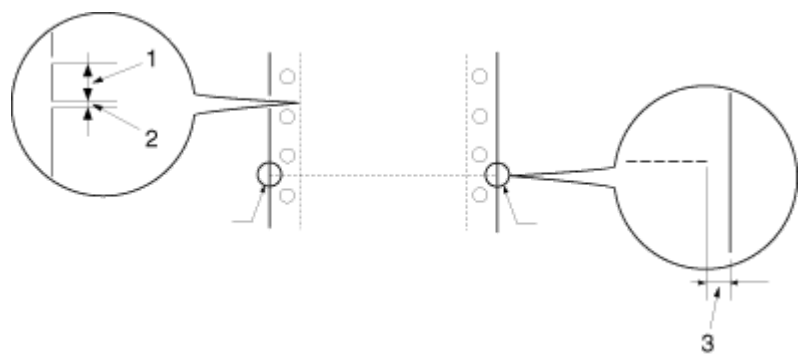
Width	90 to 257 mm (3.5 to 10.1 inches)
Length	70 to 364 mm (2.8 to 14.3 inches)
Thickness	single sheets: 0.065 to 0.14 mm (0.0025 to 0.0055 inch) multipart forms: 0.12 to 0.39 mm (0.0047 to 0.015 inch)
Weight	single sheets: 52 to 90 g/m ² (14 to 24 lb) multipart forms: 40 to 58 g/m ² (11 to 15 lb)
Quality	single sheets: Plain paper and recycled paper multipart forms: Carbonless or carbon-backed multipart forms with a line of glue at the top or the side of the form Multipart forms that are joined together along the left and right edges by crimping or spot-gluing*
Copies	1 original + 4 copies

* When using 4 inches or wider but less than 9.4 inches wide multipart forms joined by crimping (multipart forms with cut-paper tab binding), set the Multipart forms with cut-paper tab binding in the default-setting mode to on.

Continuous paper

See also [Multipart forms](#) for detailed information on the specifications for continuous multipart forms.

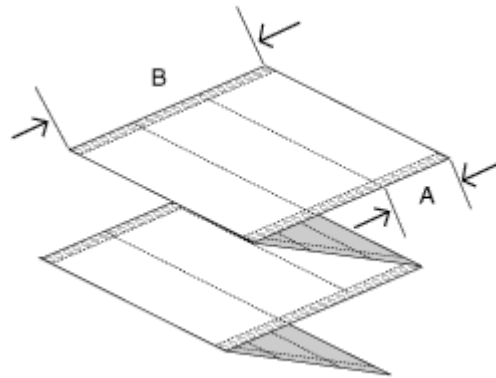
- The sprocket hole must be a circle or notched circle.
- The holes must be cleanly cut.
- At the perforation between pages, the horizontal and vertical perforation cuts must not cross.
- The ratio of the cut/uncut length at the perforation should be between 3:1 and 5:1. The perforation between pages must not extend all the way to the edges of the paper.



1. cut area

2. uncut area
3. uncut part of the edges of the paper

- If you use continuous paper whose page length (A in the next illustration) is under 101.6 mm (4.0 inches), make sure that the length between folds (B) is over 101.6 mm (4.0 inches.)



Width	101.6 to 254.0 mm (4.0 to 10.0 inches)
Length/page	101.6 to 558.8 mm (4.0 to 22.0 inches)
Copies	1 original + 4 copies
Total thickness	0.065 to 0.39 mm (0.0025 to 0.015 inch)
Weight	single sheets: 52 to 82 g/m ² (14 to 22 lb) multipart forms: 40 to 58 g/m ² (11 to 15 lb) (weight/part)
Quality	single sheets: Plain paper, recycled paper, carbonless, and carbon-backed multipart forms: Multipart forms that are joined together along the left and right edges by crimping or spot-gluing*

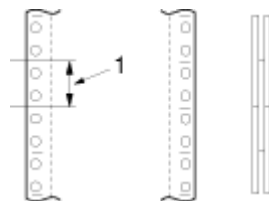
* When using 4 inches or wider but less than 9.4 inches wide multipart forms joined by crimping (multipart forms with cut-paper tab binding), set the Multipart forms with cut-paper tab binding in the default-setting mode to on.

Multipart forms

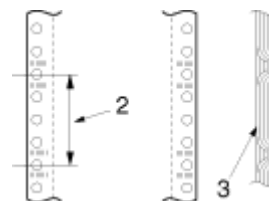
The specifications for the dimensions of multipart forms are the same as those for single sheets and continuous paper. See [Single sheets](#) and [Continuous paper](#) for detailed information.

- The form sheets of continuous multipart forms should be securely joined together along the left and right edges by crimping or spot-gluing. For the best printing quality, use multipart forms joined with spot-gluing.

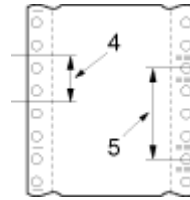
spot-gluing



crimping



spot-gluing and crimping on each side



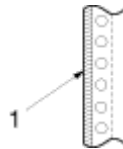
1. 1 inch or less
2. 3 inches or less
3. printing side
4. 1 inch or less
5. 3 inches or less

 Note:

When using 4 inches or wider but less than 9.4 inches wide multipart forms joined by crimping (multipart forms with cut-paper tab binding), set the Multipart forms with cut-paper tab binding in the default-setting mode to on.

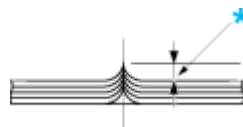
 Caution:

Never use continuous multipart forms that are joined with metal staples or bar-gluing.



1. bar-gluing
2. metal stapling

- The thickness of the folded part when extended should be 1 mm or less.



* 1 mm or less

- The binding area should be flat and have no creases.
- The sprocket holes should be a circle or a notched circle.
- The sprocket holes of all sheets in the form should be aligned properly.
- The binding position should be outside the recommended printable area. See [Recommended printable area](#) for more information.

Labels (single-sheet)

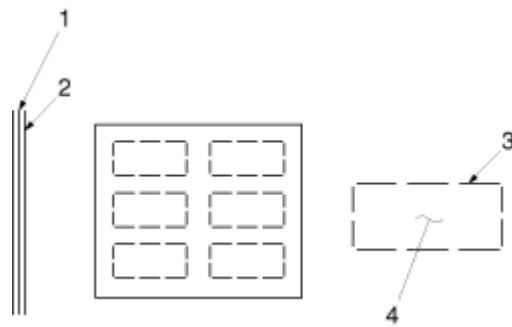
- Labels should be securely attached to the backing sheet and the label surface must be flat.
- The labels should not peel off their backing sheet under the conditions below.



wrapping drum radius	27 mm
wrapping angle	180 °
wrapping time	24 hours
ambient temperature	40 °C
ambient humidity	30%

1. label
2. 27 mm

- Always use labels whose backing sheet is entirely covered, and make sure the cuts around the edges of the labels are perforated.

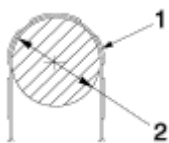


- 1. backing sheet
- 2. label sheet
- 3. several uncut areas on each side
- 4. label

Backing sheet	Width	100 to 210 mm (3.9 to 8.3 inches)
	Length	100 to 297 mm (3.9 to 11.7 inches)
Labels	Width	63.5 mm (2.5 inches), minimum
	Height	23.8 mm (0.94 inch), minimum
	Weight	64 g/m ² (17 lb)
Thickness	Backing sheet	0.07 to 0.09 mm (0.0028 to 0.0035 inch)
	Total	0.16 to 0.19 mm (0.0063 to 0.0075 inch)
Quality	Plain paper or the same quality labels with backing sheet	

Labels (continuous forms)

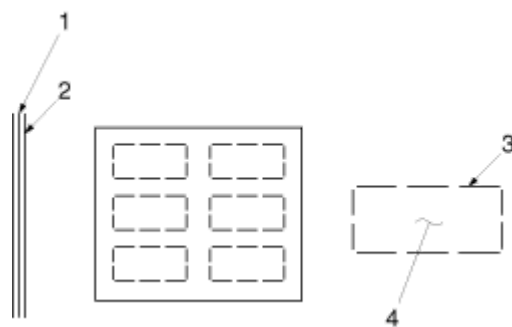
- Labels should be securely attached to the backing sheet and the label surface must be flat.
- The labels should not peel off their backing sheet under the conditions below.



wrapping drum radius	27 mm
wrapping angle	180 °
wrapping time	24 hours
ambient temperature	40 °C
ambient humidity	30%

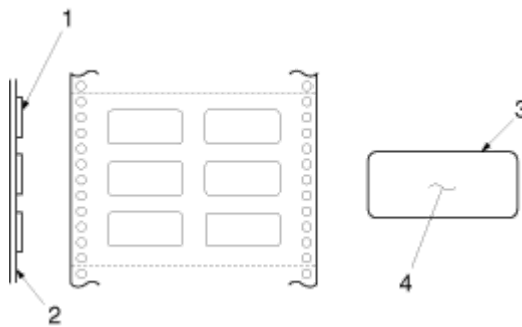
- 1. label
- 2. 27 mm

- When using labels whose backing sheet is entirely covered, make sure the cuts around the edges of the labels are perforated.



- 1. backing sheet
- 2. label sheet
- 3. several uncut areas on each side
- 4. label

- When using labels whose backing sheet is not covered with the label material, see the illustration below.



1. label
2. backing sheet
3. corner radius is more than 2.5 mm
4. label

Backing sheet	Width	101.6 to 254 mm (4 to 10 inches)
	Length/page	101.6 to 558.8 mm (4 to 22 inches)
Labels	Width	63.5 mm (2.5 inches), minimum
	Height	23.8 mm (0.94 inch), minimum
	Corner radius	2.5 mm (0.1 inch), minimum
	Weight	64 g/m ² (17 lb)
Thickness	Backing sheet	0.07 to 0.09 mm (0.0028 to 0.0035 inch)
	Total	0.16 to 0.19 mm (0.0063 to 0.0075 inch)
Quality	Plain paper or the same quality labels with continuous backing sheet	

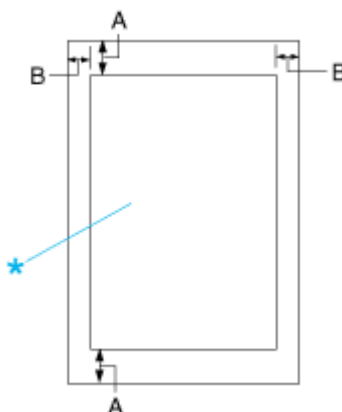
[Top](#)

Recommended printable area

Note:

For best results, print within the recommended printable area. The printer may not print outside this area.

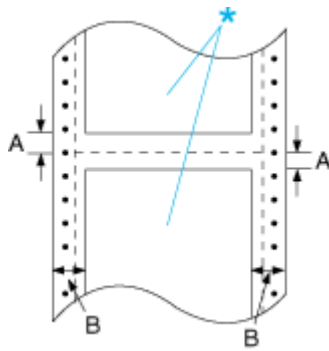
Single sheets (including single-sheet multipart forms):



- A 4.2 mm (0.17 inch) or more
- B The minimum left and right margins are 3.0 mm (0.12 inch) each.
- * recommended printable area

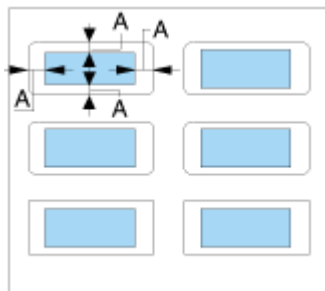
The maximum printable width is 203.2 mm (8.0 inches). For single sheets wider than 209.2 mm (8.24 inches), the side margins increase proportionally to match the width of the paper.

Continuous paper (including continuous multipart forms):



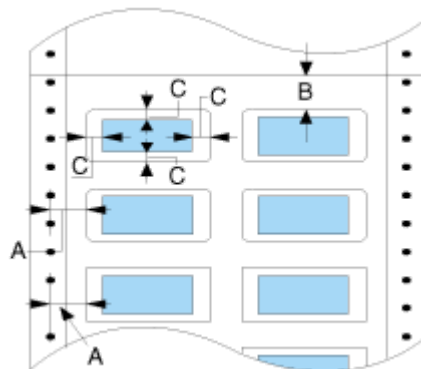
- A The minimum top and bottom margins (above and below the perforation) are 4.2 mm (0.165 inch).
- B The minimum left or right margin is 13 mm (0.512 inch).
The maximum printable width is 203.2 mm (8.0 inches). For paper wider than 229.2 mm (9.0 inches), the side margins increase proportionally to match the width of the paper.
- * recommended printable area

Labels (single-sheet):



- A 3 mm (0.118 inch) or more

Label (continuous form):



- A 6.35 mm (0.25 inch) or more
- B 1.2 mm (0.0472 inch) or more
- C 3 mm (0.118 inch) or more

Command Lists



[Home](#) > [Product Information](#)

Command Lists

 [EPSON ESC/P2 control codes](#)

 [IBM PPDS emulation control codes](#)

Your printer supports the EPSON ESC/P2 control codes and IBM PPDS emulation control codes listed below.

EPSON ESC/P2 control codes

Selecting an EPSON ESC/P2 printer in your software allows you to use advanced fonts and graphics.

General operation:

ESC @, ESC U

Paper feeding:

FF, LF, ESC 0, ESC 2, ESC 3, ESC +, CR

Page format:

ESC (C, ESC C, ESC C 0, ESC Q, ESC I, ESC (c, ESC N, ESC O

Print position motion:

ESC \$, ESC \, ESC (V, ESC (v, ESC D, HT, ESC B, VT, ESC J

Font selection:

ESC k, ESC x, ESC y, ESC X, ESC P, ESC M, ESC g, ESC p, ESC 4,
ESC 5, ESC E, ESC F, ESC !

Font enhancement:

ESC W, DC 4, SO, DC2, SI, ESC w, ESC G, ESC H, ESC T, ESC S, ESC -, ESC (-, ESC q

Spacing:

ESC Space, ESC c, ESC (U

Character handling:

ESC t, ESC (t, ESC R, ESC %, ESC &, ESC :, ESC 6, ESC 7, ESC (^

Bit image:

ESC *

Barcode:

ESC (B

Thai printing mode:

ESC (p

Production:

ESC |

[Top](#) 

IBM PPDS emulation control codes

This printer emulates the IBM Proprinter using the commands below.

General operation:

NUL, DC3, ESC j, BEL, CAN, DC1, ESC Q, ESC [K, ESC U, ESC [F

Paper feeding:

FF, LF, ESC 5, ESC A, ESC A (AGM*), ESC 0, ESC 1, ESC 2, ESC 3, ESC 3 (AGM*), CR, ESC]

Page format:

ESC C, ESC C0, ESC X, ESC N, ESC O, ESC 4

Print position motion:

ESC d, ESC R, ESC D, HT, ESC B, VT, ESC J, ESC J (AGM*)

Font selection:

DC2, ESC P, ESC :, ESC E, ESC F, ESC I, ESC [d, ESC [I

Font enhancement:

DC4, SO, ESC SO, ESC W, ESC [@, SI, ESC SI, ESC G, ESC H, ESC T, ESC S, ESC -, ESC _, ESC [-

Spacing:

BS, SP, ESC [\

Character handling:

ESC 6, ESC 7, ESC [T, ESC ^, ESC \

Bit image:

ESC K, ESC L, ESC Y, ESC Z, ESC [g, ESC * (AGM*)

Barcode:

ESC [f, ESC [p

* Alternate Graphics Mode (A.G.M.)

* Effective when the A.G.M. is turned on in the default-setting mode.

Standards and Approvals



LQ-630

EXCEED YOUR VISION



[Home](#) > [Product Information](#)

Standards and Approvals

 [Safety Approvals](#)

Safety Approvals

Asian model:

Safety standards	IEC/EN60950-1
EMI	EN55022 (CISPR pub.22) class A

European model:

Low Voltage Directive 2006/95/EC	EN60950-1
EMC Directive 2004/108/EC	EN55022 class A
	EN55024
	EN61000-3-2
	EN61000-3-3

Warning:

- This is a Class A product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.
- The connection of a non-shielded printer interface cable to this printer will invalidate the EMC standards of this device.
- You are cautioned that changes or modifications not expressly approved by Seiko Epson Corporation could void your authority to operate the equipment.

Cleaning the Printer



[Home](#) > [Product Information](#)

Cleaning the Printer

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

Follow these steps to clean your printer:

- 1** Turn off the printer and remove any paper loaded in the printer as well as the paper guide.
- 2** Use a soft brush to carefully brush away all dust and dirt from the outer case and paper guide.
- 3** If the outer case or paper guide is still dirty or dusty, clean them with a soft, clean cloth dampened with a mild detergent dissolved in water. Keep the printer cover closed to prevent water from getting inside the printer.



Caution:

- Never use alcohols or thinners to clean the printer; these chemicals can damage the printer components as well as the case.
- Be careful not to get water onto the printer mechanism or electronic components.
- Do not use a hard or abrasive brush.
- Do not spray the inside of the printer with lubricants; unsuitable lubricants can damage the printer mechanism. Contact an EPSON dealer if you think lubrication is needed.

Transporting the Printer



[Home](#) > [Product Information](#)

■ Transporting the Printer

If you need to transport your printer for some distance, carefully repack it using the original box and packing materials.

Follow these steps to repack the printer in its original packing materials:



Warning:

You need to move the print head by hand to remove the ribbon cartridge. If you have just used the printer, the print head may be hot; let it cool for a few minutes before touching it.

- 1 Press the **Load/Eject** button and remove any paper loaded in the printer.
- 2 Turn off the printer.
- 3 Unplug the power cord from the electrical outlet; then disconnect the interface cable from the printer.
- 4 Remove the paper guide.
- 5 If any options are installed, remove them and pack them in their original boxes.
- 6 Make sure that the print head is not hot. Then remove the ribbon cartridge as described in [Replacing the Ribbon Cartridge](#).
- 7 Repack the printer, ribbon cartridge, paper guide, and power cord in their original packing materials and place them in the printer's original box.

Using the Control Panel



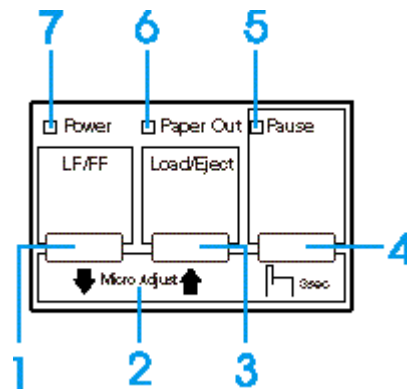
[Home](#) > [Control Panel](#)

Using the Control Panel

Control Panel Buttons and Lights

You can control simple printer operations—such as line feeding, form feeding, and loading and ejecting paper. The control panel lights show the printer's status.

Control Panel Buttons and Lights



1. LF/FF button

- Feeds paper line by line when pressed shortly.
- Ejects a single sheet or advances continuous paper to the next top-of-form position when held down for a few seconds.

2. Micro Adjust

When you hold down the **Pause** button for three seconds, the printer enters the Micro Adjust mode. In this mode, you can adjust the top-of-form and tear-off positions by pressing the **LF/FF** ↓ and **Load/Eject** ↑ buttons. See [Using the Micro Adjust Function](#).

3. Load/Eject button

- Loads a single sheet of paper.
- Ejects a single sheet of paper if a sheet is loaded.
- Loads continuous paper from the standby position.
- Feeds continuous paper backward to the standby position if a sheet is loaded.

4. Pause button

- Stops printing temporarily, and resumes printing when pressed again.
- When held down for three seconds, enters the Micro Adjust mode. When pressed again, exits the Micro Adjust mode.

5. Pause light

- On when the printer is paused.
- Flashes when the printer is in the Micro Adjust mode.

6. Paper Out light

- On when no paper is loaded in the selected paper source or paper is not loaded correctly.
- Flashes when paper has not been fully ejected.

7. Power light

- On when the printer turns on.
- Flashes when a fatal error occurs.

Selecting a Font

 **LQ-630**
EXCEED YOUR VISION



[Home](#) > [Control Panel](#)

Selecting a Font

You can select the printer’s fonts, pitch, and size by using the default-setting mode. See [Changing default settings](#) for instructions on how to change the default settings.

The available pitch or size depends on the font you select. See the table below for more information.

Bitmap font:

Font	Pitch
Draft	10, 12, 15
Roman	10, 12, 15, PS
Sans Serif	10, 12, 15, PS
Courier	10, 12, 15
Prestige	10, 12
Script	10
OCR-B	10
Orator	10
Orator-S	10
Script C	Proportional

Scalable font

Font	Size
Roman	10.5 pt, 8 pt to 32 pt (every 2 pt)
Sans Serif	10.5 pt, 8 pt to 32 pt (every 2 pt)
Roman T	10.5 pt, 8 pt to 32 pt (every 2 pt)
Sans Serif H	10.5 pt, 8 pt to 32 pt (every 2 pt)

 **Note:**

Settings you make in application programs usually override settings you make in the default-setting mode. For best results, use your application to select a font and make other settings.

About Your Printer's Default Settings



[Home](#) > [Control Panel](#)

About Your Printer's Default Settings

- [Default Setting mode](#)
- [Changing default settings](#)

The default settings control many printer functions. While you can often set these functions through your software or printer driver, you may sometimes need to change a default setting from the printer's control panel using the Default Setting mode.

Default Setting mode

The following table lists the default settings and the options you can select in the Default Setting mode. The settings are explained in detail after the table. For instructions on changing the default settings, see [Changing default settings](#).

Item	Setting / value * ¹
Page length for tractor	Length in inches: 3, 3.5, 4, 5.5, 6, 7, 8, 8.5, 11 , 70/6, 12, 14, 17
Skip over perforation	Off , On
Auto tear-off	Off , On
Auto line feed	Off , On
Print direction	Bi-D , Uni-D, Auto
Software	ESC/P2 , IBM PPDS
0 slash	0 , 0 (the zero character with a slash)
High speed draft	Off, On
I/F (interface) mode	Auto , Parallel, USB
Auto I/F (interface) wait time	10 seconds , 30 seconds
Parallel I/F (interface) bidirectional mode	Off, On
Packet mode	Auto , Off
Auto CR (IBM PPDS) * ²	Off , On
A.G.M (IBM PPDS) * ²	Off , On
Character table	Standard version: Italic, PC437 , PC850, PC860, PC863, PC865 NLSP version: Italic, PC437, PC850, PC437 , Greek, PC853, PC855, PC852, PC857, PC864, PC866, PC869, MAZOWIA, Code MJK, ISO 8859-7, ISO Latin 1T, Bulgaria, PC 774, Estonia, ISO 8859-2, PC 866 LAT., PC 866UKR, PC APTEC, PC708, PC720, PCAR 864, PC860, PC865, PC861, PC863, BRASCI, Abicomp, Roman8, ISO Latin 1, PC858, ISO8859-15, PC 771
International character set for italic table * ³	Italic U.S.A. , Italic France, Italic Germany, Italic U.K., Italic, Denmark 1, Italic Sweden, Italic Italy, Italic Spain 1
Pitch	10 cpi , 12 cpi, 15 cpi, 17 cpi, 20 cpi, Proportional
Font	Draft, Roman , Sans Serif, Courier, Prestige, Script, OCR-B, Orator, Orator-S, Script C, SV Busaba / Roman T, SV Jittra / Sans Serif H
Manual feed wait time	0.5 second, 1 second , 1.5 seconds, 2 seconds
Buzzer	Off, On
Multipart forms with cut-paper tab binding	Off , On

*¹ Settings with bold weight mean the standard factory settings. Settings may vary depending on the country.

*² This setting is available only in IBM PPDS emulation mode.

*³ The options available for this setting vary depending on the country.

Page length for tractor

This setting allows you to set the page length (in inches) for the continuous paper loaded on the tractor.

Skip over perforation

This feature is available only when continuous paper is selected as the paper source. When you turn on this feature, the printer provides a one-inch (25.4 mm) margin between the last line printed on one page and the first line printed on the next page. Because most application program margin settings override margin settings from the control panel, you should use this setting only if you cannot set your top and bottom margins using your application.

Auto tear off

When auto tear off is on and you are using continuous paper with the push tractor, the printer automatically advances the paper perforation to the tear-off position, where you can easily tear off the printed pages. When the printer receives the next print job, it automatically moves the unused paper back to the top-of-form position and starts printing, so you can use all of the next page.

When using continuous paper, it is a good idea to set the Auto tear-off function.

Auto line feed

When auto line feed is on, the printer accompanies each carriage return (CR) code received with a line feed code, and the print position moves to the next line. If the printer adds an extra line after every carriage return, select **Off**.

Print direction

You can select auto print direction (**Auto**) bidirectional printing (**Bi-D**) or unidirectional printing (**Uni-D**). Printing is normally bidirectional for faster printing; however, unidirectional printing allows for precise vertical printing alignment, which is useful for printing graphics.

When set to **Auto**, the printer analyzes the data and uses unidirectional printing only for lines which require vertical printing alignment.

Software

When you select **ESC/P2** the printer operates in the EPSON ESC/P2 mode. When you select **IBMPPDS**, the printer emulates an IBM® printer.

0 slash

The zero character has a slash (0) when this feature is turned on. It has no slash (0) when this feature is turned off. The slash allows you to easily distinguish between the uppercase letter *O* and a zero.

High speed draft

When high speed draft is on, the printer prints up to 300 cps (characters per second) at 10 cpi (characters per inch), or 360 cps at 12 cpi. When it is off, the printer prints 225 cps at 10 cpi, or 270 cps at 12 cpi.

I/F (interface) mode

You can choose **Auto** (automatic), **Parallel**, or **USB** for the interface mode. When you select **Auto**, the printer automatically selects the interface that is receiving data, and uses that interface until the end of the print job. The **Auto** setting allows you to share the printer among multiple computers without changing the interface mode.

If only one computer is connected to the printer, you can select **Parallel**, **Serial** or **USB**, depending on which interface your computer uses.

Auto I/F (interface) wait time

When the printer is in the auto interface mode and it receives no data from the currently selected interface for the amount of time specified with this setting, it determines which interface is receiving data and switches to that interface. You can specify **10 seconds** or **30 seconds** for the auto interface wait time.

Parallel I/F (interface) bidirectional mode

The Parallel Interface bidirectional transfer mode is used when this feature is on. If bidirectional transfer mode is unnecessary, turn this off.

Packet mode

Make sure to select **Auto** to print from Windows applications using the printer driver included in the software CD-ROM that comes with the printer. Turn off this mode if you encounter connection problems when you are printing from applications based on other operating systems such as DOS.

Auto CR (carriage return)

This setting is available in the IBMPPDS emulation mode. When auto carriage return is on, each line feed (LF) code or ESC J code is accompanied by a carriage return code. This moves the print position to the beginning of the next line. When this setting is off, you must send a CR code after the line feed code to move the printing position to the left margin.

A.G.M. (IBM)

Turn on the alternate graphic mode (A.G.M.) to make the ESC 3, ESC A, ESC J, ESC K, ESC L, ESC Y, ESC Z, and ESC * commands in IBM PPDS emulation mode work the same way as in ESC/P 2 mode.

The A.G.M. feature is available only in IBM PPDS emulation mode.

Character table

You can select from among 13 to 36 standard character tables, depending on the country of purchase. See [Default Setting mode](#) for more information.

International character set for Italic table

You can select among several international character sets for the Italic character table. Each character set contains eight characters that vary depending on the country or language, so you can customize the Italic table to suit your printing needs.

Pitch

You can select the character pitch from 10 cpi, 12 cpi, 15 cpi, 17 cpi, 20 cpi or Proportional.

Font

You can select the following fonts: Draft, Roman, Sans Serif, Courier, Prestige, Script, OCR-B, Orator, Orator-S, Script C, SV Busaba / Roman T, SV Jitra / Sans Serif H.

Manual feed wait time

This sets the amount of wait time between the time paper is inserted into the paper guide and when it is fed. If the paper feeds before you can adjust its position to your satisfaction, you can increase the wait time.

Buzzer (beeper)

The printer beeps when an error occurs. (See [Using the Error Indicators](#) for more information on printer errors.) If you do not want the printer to beep when an error occurs, turn this setting off.

Multipart forms with cut-paper tab binding

When using multipart forms with cut-paper tab bindings that are 4 inches or wider but less than 9.4 inches wide, turn on this setting. When this setting is on, the print head avoids the binding area along the right and left edges of multipart forms during paper feeding. This makes paper feeding easier and prevents paper jams.

Changing default settings

Follow these steps to enter the Default Setting mode and change the printer's default settings:

 Note:

- To print the language selection and default-setting mode instructions, you need A4 or letter size single-sheet paper or continuous paper that is at least 279 mm (11 inches) long and 210 mm (8.3 inches) wide.
- If you use single sheets, you need to feed a new sheet of paper each time the printer ejects a printed sheet.

- 1 Make sure the printer is turned on and paper is loaded.
- 2 Press and hold the **LF/FF** and **Load/Eject** buttons at the same time until the printer beeps.
- 3 Pressing the **Pause** will print current settings. Underlines indicate current default values.
- 4 Select an item by pressing the **LF/FF** or **Load/Eject** button.

The printer prints the item and the current setting value of that item. The item list will be advanced one by one as the button is pressed, and the current setting value will be printed according to the item.

- 5 The value can be changed by pressing the **Pause** button and the value is printed.

Repeat steps 4 to 5: The other items can be changed in the same way.

- 6 When you finish making settings, press and hold the **LF/FF** and **Load/Eject** button until the printer beeps. The printer exits the default setting mode. Any settings you have made remain in effect until you change them again.

 Note:

If you turn off the printer without exiting the default setting mode, any changes you have made will be lost.

Lock-Out Mode



[Home](#) > [Control Panel](#)

Lock-Out Mode

[Changing the lock-out mode setting](#)

You can restrict the use of buttons on the control panel by using the lock-out mode.

Changing the lock-out mode setting

You can turn lock-out mode on or off or change locked functions from lock-out setting mode.

You can select the printer functions to be locked while the lock-out mode is on according to your needs.

Note:

Before entering the lock-out setting mode, you need to load A4 or letter size single-sheet paper or continuous paper that is at least 210 mm (8.3 inches) wide.

Follow these steps to change the lock-out mode setting:

- 1 Make sure the printer is turned off.

Caution:

Whenever you turn off the printer, wait at least five seconds before turning it back on; otherwise, you may damage the printer.

- 2 Turn on the printer while holding down both the **Load/Eject** and **LF/FF** buttons for more than five seconds. After five seconds, three LEDs will blink, then release the buttons.

The printer enters the lock-out setting mode and prints a message asking if you wish to print all of the current settings.

- 3 If you want to print the current settings, press the **Pause** button. If you want to bypass printing of the current settings, press the **LF/FF** button or the **Load/Eject** button.

The printer prints the first menu and the current value of the menu.

- 4 Press the **LF/FF** button or the **Load/Eject** button to select the menu parameters which you wish to change. Press the **Pause** button to scroll through the values within the selected parameter until you find the desired setting. After setting the selected parameter to the desired setting, you may continue to make changes to other parameters by pressing the **LF/FF** button or the **Load/Eject** button.

- 5 Turn off the printer and exit the lock-out setting mode.

Note:

You may exit the lock-out setting mode by turning off the printer at any time. Any settings you have made remain in effect until you change them again.

Technical Support Web Site



[Home](#) > [Problem Solver](#)

Technical Support Web Site

Epson's Technical Support Web Site provides help with problems that cannot be solved using the troubleshooting information in your product documentation. If you have a Web browser and can connect to the Internet, access the site at:

<http://support.epson.net/>

If you need the latest drivers, FAQ's, manuals, or other downloadables, access the site at:

<http://www.epson.com>

Then, select the support section of your local Epson Web site.

Contacting Customer Support



[Home](#) > [Problem Solver](#)

Contacting Customer Support

 [Before Contacting Epson](#)

Before Contacting Epson

If your Epson product is not operating properly and you cannot solve the problem using the troubleshooting information in your product documentation, contact customer support services for assistance. If customer support for your area is not listed below, contact the dealer where you purchased your product.

For European users, check your **Pan-European Warranty Document** for information on how to contact EPSON Customer support.

Customer support will be able to help you much more quickly if you give them the following information:

- Product serial number
(The serial number label is usually on the back of the product.)
- Product model
- Product software version
(Click **About**, **Version Info**, or similar button in the product software.)
- Brand and model of your computer
- Your computer operating system name and version
- Names and versions of the software applications you normally use with your product

[Top](#) 

Contents

Contents

Paper Handling

- Selecting a Paper Source
- Adjusting the Paper Thickness Lever
- Loading Continuous Paper
- Loading Single Sheets
- Loading Special Paper
- Switching Between Continuous Paper and Single Sheets
- Using the Micro Adjust Function

Printer Software

- Operating System Versions
- About Your Printer Software
- Using the Printer Driver With Windows Me, 98, and 95
- Using the Printer Driver with Windows 7, Vista, XP, 2000, and Windows NT 4.0
- Printer Driver Settings Overview
- Using EPSON Status Monitor 3
- Setting Up Your Printer on a Network
- Canceling Printing
- Uninstalling the Printer Software

Control Panel

- Using the Control Panel
- Selecting a Font
- About Your Printer's Default Settings
- Lock-Out Mode

Problem Solver

Troubleshooting

- Using the Error Indicators
- Problems and Solutions
- Correcting USB Problems
- Clearing a Paper Jam
- Aligning Vertical Lines in Your Printout
- Printing a Self Test
- Printing Hex Dump

Where To Get Help

- Technical Support Web Site
- Contacting Customer Support

Options and Consumables

- Installing and Using Options
- Replacing the Ribbon Cartridge

Product Information

- Printer Parts
- Printer Specifications
- Command Lists
- Standards and Approvals
- Cleaning the Printer
- Transporting the Printer

Index

Index

0 slash

0 slash

A.G.M. (IBM)

A.G.M. (IBM)

Aligning vertical lines

Aligning Vertical Lines in Your Printout

Printing a Self Test

Auto CR (carriage return)

Auto CR (carriage return)

Auto I/F (interface) wait time

Auto I/F (interface) wait time

Auto line feed

Auto line feed

Auto tear-off

Auto tear off

Using the tear-off function

Built-in font

Electronic

list

Electronic

Buttons

Using the Control Panel

Buzzer (beeper) setting

Buzzer (beeper)

Canceling printing

Canceling Printing

Character table

Character table

Cleaning the printer

Cleaning the Printer

Clients

with Windows Me, 98, or 95

With Windows Me, 98, or 95

with Windows Vista, XP, 2000, or Windows NT 4.0

With Windows 7, Vista, XP, 2000, or Windows NT 4.0

Contacting EPSON

Before Contacting Epson

Continuous paper

loading

Loading Continuous Paper

removing

Removing continuous paper

Using the tear-off function

switching from

Switching to single sheets

switching to

Switching to continuous paper

Control panel

Using the Control Panel

Using the Error Indicators

buttons

Using the Control Panel

lights

Using the Control Panel

panel

Using the Control Panel

Customer support

Before Contacting Epson

Default settings

changing

Changing default settings

option list

Default Setting mode

Driver (printer driver)

About Your Printer Software

EPSON Status Monitor 3

 [About Your Printer Software](#)
[Using EPSON Status Monitor 3](#)

accessing

 [Accessing EPSON Status Monitor 3](#)

installing

 [Installing EPSON Status Monitor 3](#)

setting up

 [Setting up EPSON Status Monitor 3](#)

Error indication

 [Using the Error Indicators](#)

ESC/P2

 [EPSON ESC/P2 control codes](#)

Font

selecting in the default-setting mode

 [Font](#)
 [Selecting a Font](#)

Hex dump

 [Printing Hex Dump](#)

High speed draft

 [High speed draft](#)

I/F (interface) mode

 [I/F \(interface\) mode](#)

Labels

 [Labels](#)

loading

 [Labels](#)

Lever

paper release

 [Setting the paper release lever](#)

paper-thickness

 [Adjusting the Paper Thickness Lever](#)

lights

 [Using the Control Panel](#)

Lock-out mode

 [Lock-Out Mode](#)

Manual feed wait time

 [Manual feed wait time](#)

Micro adjust function

tear-off position

 [Adjusting the tear-off position](#)

top-of-form position

 [Adjusting the top-of-form position](#)

Multipart forms

continuous

 [Multipart forms](#)

single-sheet

 [Multipart forms](#)

Multipart forms with cut-paper tab binding

 [Multipart forms with cut-paper tab binding](#)

Packet mode

 [Packet mode](#)

Page length for tractor

 [Page length for tractor](#)

Panel

 [Using the Control Panel](#)

Paper release lever

 [Setting the paper release lever](#)

Paper source

selecting

 [Selecting a Paper Source](#)

Paper specifications

 [Paper](#)

Paper-thickness lever

 [Adjusting the Paper Thickness Lever](#)

Parallel I/F (interface) bidirectional mode

 [Parallel I/F \(interface\) bidirectional mode](#)

Parallel interface

 [I/F \(interface\) mode](#)

Pitch

 [Pitch](#)

selecting

 [Selecting a Font](#)

Print direction
 Print direction
Bidirectional (Bi-d) printing
 Print direction
Unidirectional (Uni-d) printing
 Print direction
Printer
sharing
 Sharing the printer
Printer driver
accessing
 Using the Printer Driver with Windows 7, Vista, XP, 2000, and Windows NT 4.0
 Using the Printer Driver With Windows Me, 98, and 95
settings
 Changing the printer driver settings
 Changing the printer driver settings
 Printer Driver Settings Overview
uninstalling
 Uninstalling the Printer Software
Recommended printable area
 Recommended printable area
Removing
continuous paper
 Using the tear-off function
Ribbon cartridge
replacing
 Replacing the ribbon cartridge
Self test
 Printing a Self Test
Server
with Windows Me, 98, or 95
 With Windows Me, 98, or 95
with Windows Vista, XP, 2000, or Windows NT 4.0
 With Windows 7, Vista, XP, 2000, or Windows NT 4.0
Single sheets
loading
 Loading Single Sheets
specifications
 Single sheets
switching from
 Switching to continuous paper
switching to
 Switching to single sheets
Skip over perforation
 Skip over perforation
Software
default setting
 Software
Specifications
built-in font
 Electronic
command lists
 EPSON ESC/P2 control codes
 IBM PPDS emulation control codes
electrical
 Electrical
electronic
 Electronic
environmental
 Environmental
mechanical
 Mechanical
paper
 Paper
recommended printable area
 Recommended printable area
safety approvals
 Safety Approvals
Status Monitor 3
 About Your Printer Software
 Using EPSON Status Monitor 3
Tear-off function
 Using the tear-off function

Technical support

 [Before Contacting Epson](#)

Transporting the printer

 [Transporting the Printer](#)

Troubleshooting

USB problems

 [Correcting USB Problems](#)

Uninstalling

printer software

 [Uninstalling the Printer Software](#)

USB interface

 [I/F \(interface\) mode](#)

problems

 [Correcting USB Problems](#)

.....

Installing and Using Options



LQ-630



[Home](#) > [Options and Consumables](#)

Installing and Using Options

 [Print server](#)

Print server

You can use this printer as a network printer by installing a print server in the printer's interface port. See the Administrator's Manual packaged with this option for instructions on installation and use.

- EpsonNet 10/100 BASE Tx Ext. Print Server (C82378*)

The availability of this option varies by location.

[Top](#) 

Replacing the Ribbon Cartridge



[Home](#) > [Options and Consumables](#)

Replacing the Ribbon Cartridge

- [Genuine EPSON ribbon cartridge](#)
- [Replacing the ribbon cartridge](#)

Genuine EPSON ribbon cartridge

When printing becomes faint, you need to replace the ribbon cartridge. Genuine EPSON ribbon cartridges are designed and manufactured to work properly with your EPSON printer. They ensure proper operation and long life of the print head and other printer parts. Other products not manufactured by EPSON may cause damage to your printer, which is not covered by EPSON's warranties.

Your printer uses the following ribbon cartridge:

EPSON black ribbon cartridge:

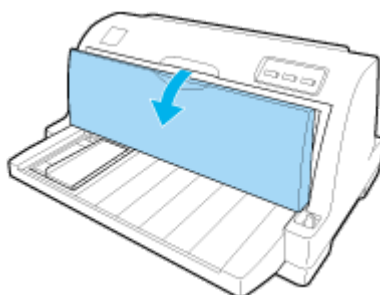
S015290

[Top](#)

Replacing the ribbon cartridge

Follow these steps to install or replace the ribbon cartridge:

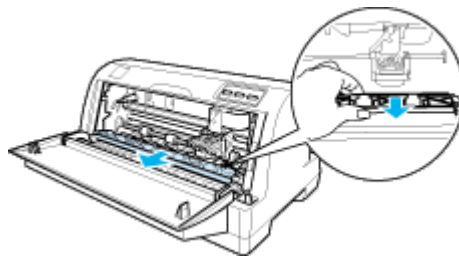
- 1 Make sure the printer is turned off and there is no paper in the printer.
- 2 Turn on the printer so that the print head moves to the right.
- 3 Turn off the printer.
- 4 Open the printer cover by holding the finger grip on the center of the cover and pull it down.



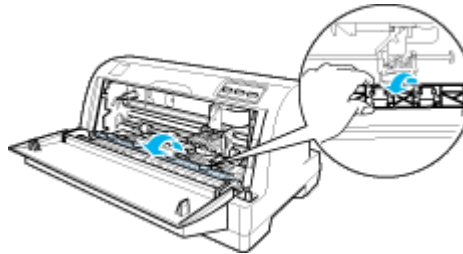
Warning:

If you have just used the printer, the print head may be hot; let it cool for a few minutes before replacing the ribbon cartridge.

- 5 Pull the paper bail forward.



- 6** Flip the paper bail towards you.



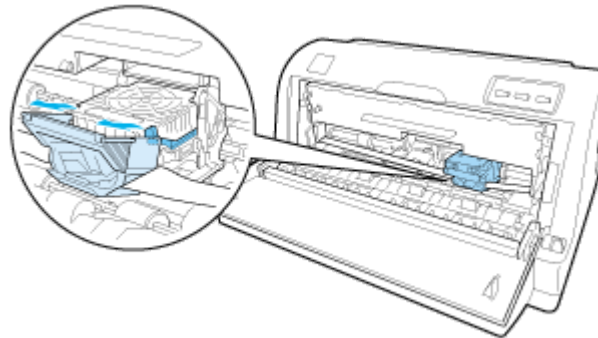
 Note:

When it is difficult to open the paper bail because of the position of the print head, close the printer cover. Then, turn on the printer and the print head moves to the right automatically. After that, turn the printer off again.

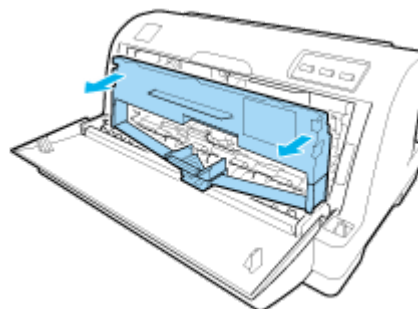
 Caution:

Turn the printer off before following the steps below. Doing so while the printer is turned on can damage the printer.

- 7** Grasp the ribbon guide and pull it until it is out of the print head.

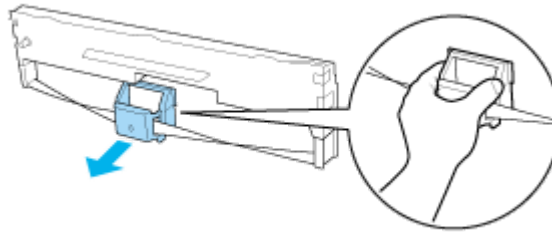


- 8** Hold both ends of the cartridge and pull it out of the printer.



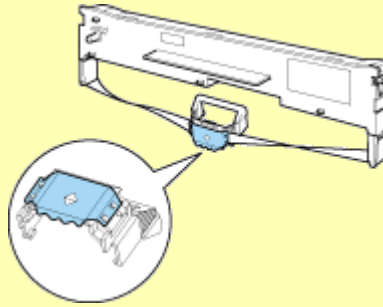
- 9** Remove the new ribbon cartridge from its package.

- 10** Hold both sides of the ribbon guide and pull it until it is out of the cartridge.

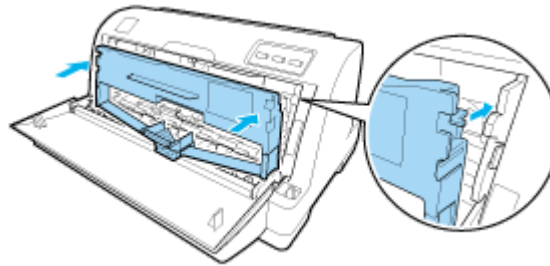


Caution:

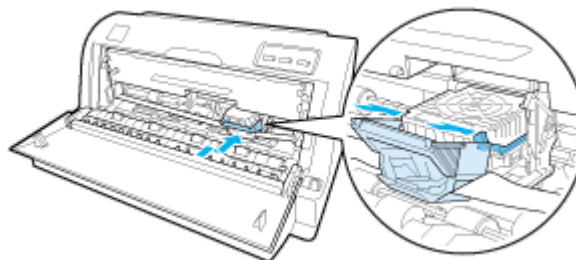
Do not tear off the clear film on the ribbon guide. Doing so may cause paper jams or printer malfunctions.



- 11** Hold the ribbon cartridge and insert it into the printer as shown below; then press both sides of the cartridge firmly to fit the plastic hooks into the printer slots.



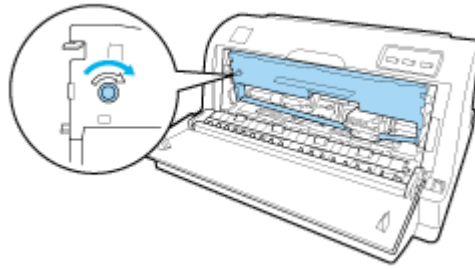
- 12** Slide it into the print head aligning it with the grooves of the print head until it clicks in place.



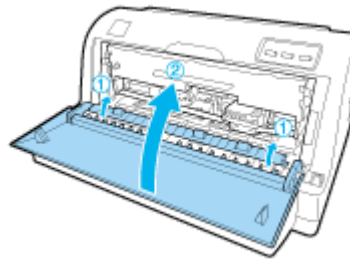
Note:

Be sure that the ribbon is not twisted when you slide the ribbon guide into the print head.

- 13** Turn the ribbon-tightening knob to remove any slack in the ribbon so that the ribbon moves freely.



14 Close the paper bail and the printer cover.





[Home](#) > Paper Handling

Paper Handling

[Selecting a Paper Source](#)

[Adjusting the Paper Thickness Lever](#)

[Loading Continuous Paper](#)

[Loading Single Sheets](#)

[Loading Special Paper](#)

[Switching Between Continuous Paper and Single Sheets](#)

[Using the Micro Adjust Function](#)



[Home](#) > [Printer Software](#)

Printer Software

[Operating System Versions](#)

[About Your Printer Software](#)

[Using the Printer Driver With Windows Me, 98, and 95](#)

[Using the Printer Driver with Windows 7, Vista, XP, 2000, and Windows NT 4.0](#)

[Printer Driver Settings Overview](#)

[Using EPSON Status Monitor 3](#)

[Setting Up Your Printer on a Network](#)

[Canceling Printing](#)

[Uninstalling the Printer Software](#)

User's Guide



[Home](#) > Control Panel

Control Panel

[Using the Control Panel](#)

[Selecting a Font](#)

[About Your Printer's Default Settings](#)

[Lock-Out Mode](#)



[Home](#) > Problem Solver

Problem Solver

Troubleshooting

Using the Error Indicators
Problems and Solutions
Correcting USB Problems
Clearing a Paper Jam
Aligning Vertical Lines in Your Printout
Printing a Self Test
Printing Hex Dump

Where To Get Help

Technical Support Web Site
Contacting Customer Support



[Home](#) > Options and Consumables

Options and Consumables

[Installing and Using Options](#)

[Replacing the Ribbon Cartridge](#)



[Home](#) > [Product Information](#)

Product Information

[Printer Parts](#)

[Printer Specifications](#)

[Command Lists](#)

[Standards and Approvals](#)

[Cleaning the Printer](#)

[Transporting the Printer](#)

Selecting a Paper Source



[Home](#) > [Paper Handling](#)

Selecting a Paper Source

- [Paper source and paper types](#)
- [Setting the paper release lever](#)

Your printer can print on single sheets, continuous paper, multipart forms (with one original and up to four copies), and labels.

Caution:

Do not use paper that is folded, creased, curled, torn, stained, or stamped. Always use new, clean paper that meets the paper specifications. See [Paper](#) for more detailed information.

Your printer can accommodate several paper types through two paper sources: paper guide or tractor. You should select the paper source depending on the type of paper you are using. You can select the paper source by setting the paper release lever. See [Printer Parts](#) for more information.

Paper source and paper types

Basically, there are two paper types and two paper sources. The table below shows the relationship between paper sources and paper types, as well as paper loading and ejecting orientation.

	Paper path	Paper source selection
Continuous paper *	Tractor 	Tractor
Single sheets **	Paper guide 	Manual feed

* Continuous paper includes labels and multipart forms.
** Single sheets include labels and single-sheet multipart forms.

[Top](#)

Setting the paper release lever

Set the paper release lever to select the paper-feeding method you want the printer to use. The paper release lever has two positions:



for tractor feeding and  for single-sheet feeding, as explained below.



Single-sheet feeding position – to use the paper guide.



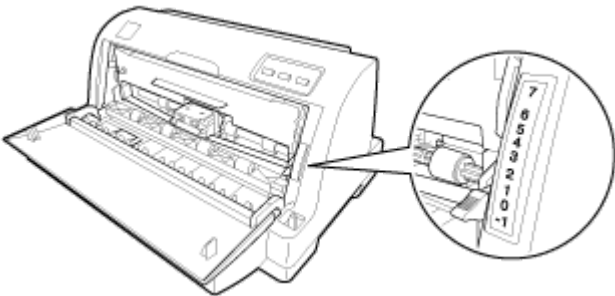
Tractor feeding position – to use the tractor.

Adjusting the Paper Thickness Lever

[Home](#) > [Paper Handling](#)

Adjusting the Paper Thickness Lever

You can get the best printing quality by adjusting the paper-thickness lever according to the thickness of the paper you are using.



The higher the number you set the paper-thickness lever to, the wider the space between the platen and print head. If your printout appears faint or characters seem skipped or missing, this setting may be too high. On the other hand, if the setting is too low, your printout may appear smudged, the paper may not feed correctly, or the ribbon may become damaged.

The following table provides guidelines for selecting the appropriate lever position for the type of paper you are using.

Paper type		Paper-thickness lever position
Ordinary paper	Single sheets	0
	Continuous paper	
Multipart forms (carbonless)	2 parts (original + 1 copy)	1
	3 parts (original + 2 copies)	2
	4 parts (original + 3 copies)	3
	5 parts (original + 4 copies)	5
Labels		2

Loading Continuous Paper



[Home](#) > [Paper Handling](#)

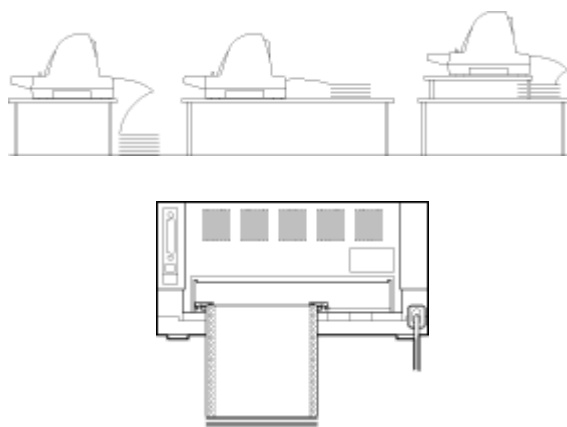
Loading Continuous Paper

- [Positioning your continuous paper supply](#)
- [Loading continuous paper with the tractor](#)
- [Using the tear-off function](#)

Your printer can print on continuous paper from 101.6 to 254 mm (4.0 to 10.0 inches) wide. See [Paper](#) for detailed continuous paper specifications. You can load continuous paper from the tractor unit.

Positioning your continuous paper supply

When you load continuous paper, make sure you align your paper supply with the tractor so the paper feeds smoothly into the printer, as shown below.



[Top](#)

Loading continuous paper with the tractor

When using continuous paper, it is a good idea to set the Auto tear-off function in the default-setting mode to on. For more information, see [About Your Printer's Default Settings](#).

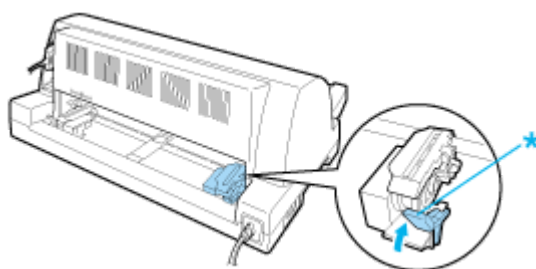
- 1** Make sure that the paper release lever is set to the tractor feeding position.



- 2 Slide the edge guide all the way to the left.

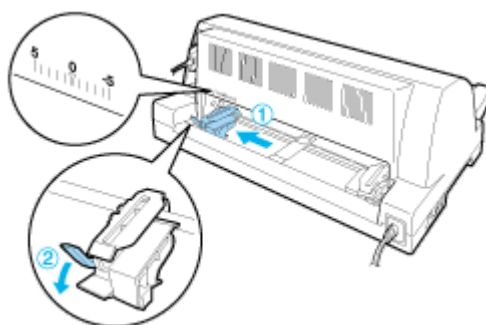


- 3 Facing the back of the printer, release the sprocket lock levers by pushing them up.



* sprocket lock lever

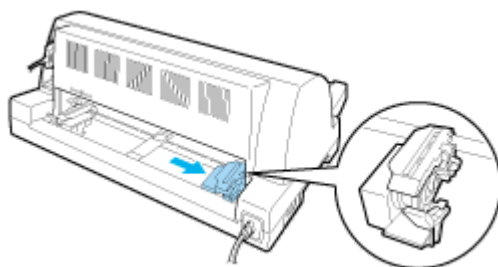
- 4 Position the left sprocket so that the sprocket pins are to the left of the arrow mark (0 position) on the back of the printer. Then push down the lock lever to lock the sprocket in place.



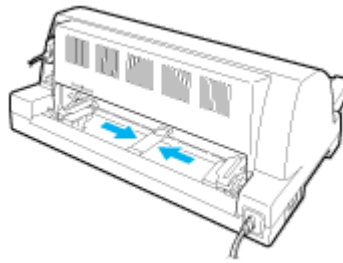
 Note:

Printing starts at the arrow mark (0 position) on the back of the printer. The unprintable area is to the left of the arrow mark.

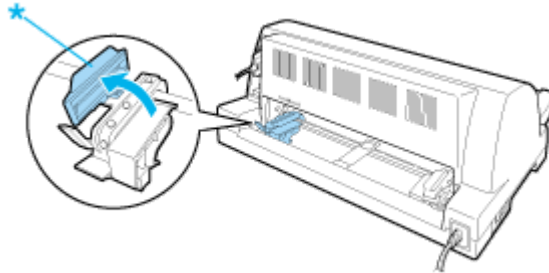
- 5 Slide the right sprocket to roughly match the width of your paper, but do not lock it.



- 6 Slide the center paper support to the middle of the two sprockets.

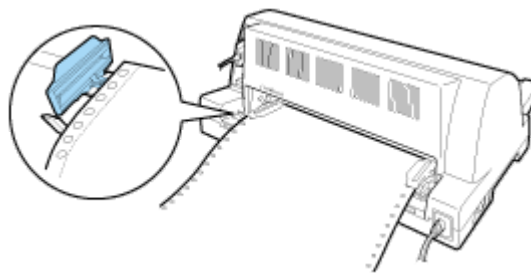


- 7** Open the sprocket covers of the both sprockets.



* sprocket cover

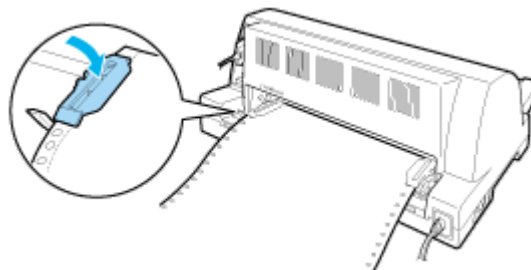
- 8** Fit the first two holes of the continuous paper over the sprocket pins on both sides. Be sure to position your paper supply so that the printable side faces up.



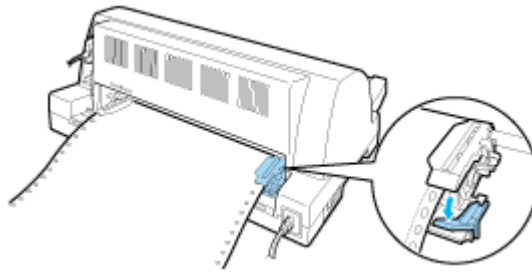
⚠ Caution:

Make sure the first sheet of your continuous paper has a clean, straight edge so that it can feed smoothly into the printer.

- 9** Close the sprocket covers.



- 10** Slide the right sprocket to remove any slack in the paper. Then push down the sprocket lock lever to lock the sprocket in place.



 Note:

Before turning the printer on, install the ribbon cartridge. Otherwise, paper jams may occur.

- 11 Turn on the printer if it is turned off. The printer is ready to start printing.

 Note:

- Always make sure there is at least one more sheet than required, because continuous paper may not feed properly if it is not fed through the sprocket.
- Do not pull the loaded paper out of the tractor unit while the printer is on. Doing so may cause paper jams or printer malfunctions, also the top-of-form position setting may become misadjusted.
- Do not pull out paper that is not ejected completely after pressing the **Load/Eject** button. Doing so may cause paper jams or printer malfunctions, also the top-of-form position setting may become misadjusted.
- If the first line on your page appears too high or low, you can change its position by using the Micro Adjust function as described in [Adjusting the top-of-form position](#).

Top 

Using the tear-off function

You can use the tear-off function to advance your continuous paper to the printer's tear-off edge automatically when you finish printing. You can then easily tear off the printed sheets. When you resume printing, the printer automatically feeds the paper back to the top-of-form position so that you can save the paper normally lost between documents.

To use the tear-off function, turn on the Auto tear-off function and select the appropriate page length for continuous paper in the default-setting mode. See [Changing default settings](#) for instructions on how to change the default settings.

If the perforation between pages is not aligned with the tear-off edge, you can adjust the position of the perforation using the Micro Adjust function. See [Adjusting the tear-off position](#) for more information.

When Auto tear-off is on, the printer automatically advances the paper to the tear-off position whenever it receives a full page of data or a form feed command followed by no more data.

The steps below describe how to use Auto tear-off function

- 1 When printing is finished, the printer advances the perforation of the final printed page to the tear-off position.

Tear off all printed pages using the tear-off edge of the printer cover.



* tear-off edge

 Note:

If your paper's perforation is not properly aligned with the tear-off edge, you can adjust the tear-off position using the Micro Adjust function as described in [Adjusting the tear-off position](#).

- 2 When you resume printing, the printer feeds the paper back to the top-of-form position and begins printing.

For the manual tear-off function, follow the steps below.

- 1 After printing is finished, press **Load/Eject** and **Pause** buttons at the same time.
- 2 The printer advances the perforation of the final printed page to the tear-off position.

Tear off all printed pages using the tear-off edge of the printer cover.

Removing continuous paper

Follow these steps to remove continuous paper from the printer:

- 1 When the auto tear-off function is on, the printer advances the paper to the tear-off position automatically.
- 2 Tear off the printed pages.
- 3 Press the **Load/Eject** button to feed the continuous paper backward out of the printer and into the standby position.
- 4 To completely remove continuous paper from the printer, open the sprocket covers. Remove the paper from the tractor unit, and then close the sprocket covers.

Loading Single Sheets



[Home](#) > [Paper Handling](#)

Loading Single Sheets

Your printer can print on single sheets of paper from 90 to 257 mm (3.5 to 10.1 inches) wide. See [Paper](#) for detailed single-sheet paper specifications.

 Note:

If you load long paper (for example, legal size paper), leave enough space at the back of the printer so that the paper is not obstructed.

Follow these steps to load single sheets from the paper guide.

- 1 Make sure the paper guide and the ribbon cartridge are attached as described in the *Setup Guide*. Then close the tractor unit sprocket covers located on the back of your printer and push down the sprocket lock levers to lock the sprockets in place.

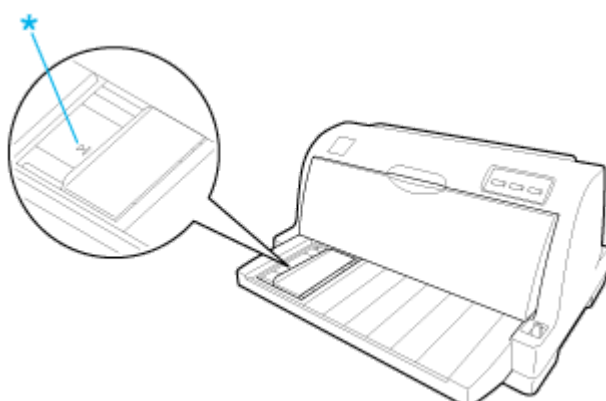
 Note:

Before turning the printer on, install the ribbon cartridge. Otherwise, paper jams may occur.

- 2 Turn on the printer.
- 3 Make sure that the paper release lever is set to the single-sheet feeding position.

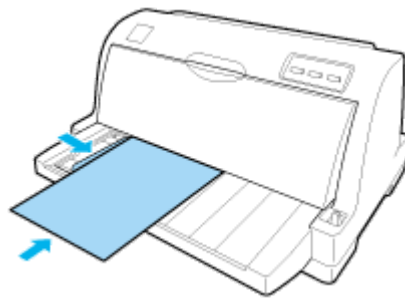


- 4 Slide the edge guide until it rests against the guide mark.



* guide mark

- 5 While aligning the left side of a sheet of paper with the edge guide, insert it into the printer until it meets resistance. Be sure to load paper printable side up and the top of the paper first.



After a few seconds, the printer automatically advances the paper to the loading position. The printer is ready to start printing.

 Note:

- If the paper feed roller rotates but the printer does not load the paper, completely remove the paper and then insert it all the way into the printer again.
- If the paper feeds before you can adjust its position properly, increase the **Manual feed wait time** in the default-setting mode. See [Changing default settings](#) for more information.
- If you need to adjust the position of the paper after it is loaded, see [Adjusting the tear-off position](#) and follow the instructions.
- Do not pull out paper that is not ejected completely after pressing the **Load/Eject** button. Doing so may cause paper jams or printer malfunctions, also the top-of-form position setting may become misadjusted.

After printing a sheet, the printer ejects it onto the paper guide and the **Paper Out** and **Pause** lights come on. If you are printing a multiple-page document, remove the printed sheet and insert a new sheet into the paper guide. The printer automatically advances the paper and resumes printing.

 Note:

If the printer does not eject the printed sheet, press the **Load/Eject** button.

Loading Special Paper



[Home](#) > [Paper Handling](#)

Loading Special Paper

[Multipart forms](#)

[Labels](#)

Multipart forms

Your printer can print on both single-sheet and continuous multipart forms. It can use multipart forms with up to five parts including the original.

Caution:

- Use only carbonless or carbon-backed multipart forms.
- When using multipart forms with a line of glue at the top of the form, load the forms with the glued side first.

Before printing, set the paper-thickness lever to the appropriate position for your multipart forms referring to the table in [Adjusting the Paper Thickness Lever](#).

You can load single-sheet multipart forms from the paper guide. For instructions, see [Loading Single Sheets](#). You can load continuous multipart forms in the same way as you load ordinary continuous paper. For instructions, see [Loading continuous paper with the tractor](#).

Caution:

When printing on multipart forms, make sure that your software settings keep the printing entirely within the recommended printable area of the forms. Printing on the edge of a multipart form can damage the print head. For information about the recommended printable area, see [Recommended printable area](#).

[Top](#)

Labels

You can use two types of labels: single-sheet and continuous forms. Do not use labels on shiny single-sheet backing, because the backing sheet tends to slip and may not feed properly.

Follow these steps to load labels:

Caution:

Use labels only under normal operating conditions because labels are especially sensitive to temperature and humidity.

1 Make sure of the following:

- The auto tear-off function is turned off in the default-setting mode.
- Your software settings keep the printing entirely within the recommended printable area. For information about the recommended printable area, see [Recommended printable area](#).

Caution:

Printing on the edge of a label can damage the print head.

- 2 Load labels as described in [Loading Single Sheets](#) or [Loading Continuous Paper](#).

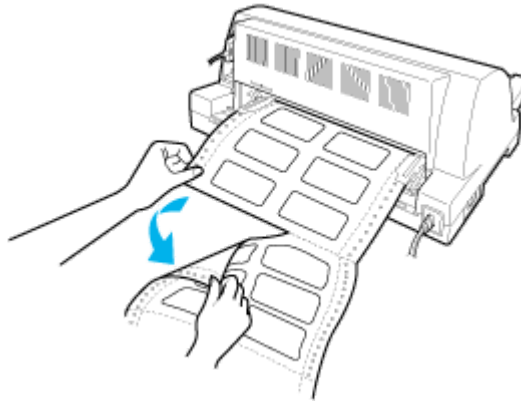
To tear off and eject labels

When using continuous forms, always tear off and eject labels as described below.

 Caution:

Never feed labels backward using the **Load/Eject** button. Labels can easily peel off their backing and jam the printer.

- 1 At the back of your printer, tear off the last label form that has entered the printer. See the illustration below.



- 2 Press the **LF/FF** button to eject the last label form forward.

 Caution:

Do not leave labels loaded in the printer between print jobs; they tend to curl and may come off their backing sheet and jam the printer when you resume printing.

Switching Between Continuous Paper and Single Sheets



[Home](#) > [Paper Handling](#)

Switching Between Continuous Paper and Single Sheets

- [Switching to single sheets](#)
- [Switching to continuous paper](#)

You can easily switch between continuous paper and single sheets without removing the continuous paper from the tractor.

Switching to single sheets

Follow these steps to switch from continuous paper to single sheets:

- 1 When the Auto tear-off function is turned on, the printer advances the paper to the tear-off position automatically.
- 2 Tear off the printed pages.

Caution:

- Always tear off paper before feeding it backwards; feeding too many sheets backwards can cause a paper jam.
- Never feed labels backward using the **Load/Eject** button. Labels can easily peel off their backing and jam the printer. For information on removing labels from the paper path, see [To tear off and eject labels](#).

- 3 Press the **Load/Eject** button to feed the continuous paper back to the standby position. The paper is still attached to the tractor, but is no longer in the paper path.
- 4 Set the paper release lever to the single-sheet feeding position.



Now you can load single sheets from the paper guide. See [Loading Single Sheets](#) for more information.

[Top](#) 

Switching to continuous paper

Follow these steps to switch from single sheets to continuous paper:

- 1 If necessary, press the **Load/Eject** button to eject the last printed single sheet.
- 2 Make sure continuous paper is loaded in the printer as described in [Loading continuous paper with the tractor](#).

- 3 Set the paper release lever to the tractor feeding position.



The printer automatically advances the continuous paper from the standby position to the loading position when it receives data.

Using the Micro Adjust Function



[Home](#) > [Paper Handling](#)

Using the Micro Adjust Function

[Adjusting the tear-off position](#)

[Adjusting the top-of-form position](#)

The Micro Adjust function allows you to move the paper forward or backward in 0.141 mm (1/180-inch) increments so that you can make precise adjustments to the top-of-form and tear-off positions.

Adjusting the tear-off position

If your paper perforation is not aligned with the tear-off edge, you can use the Micro Adjust function to move the perforation to the tear-off position.

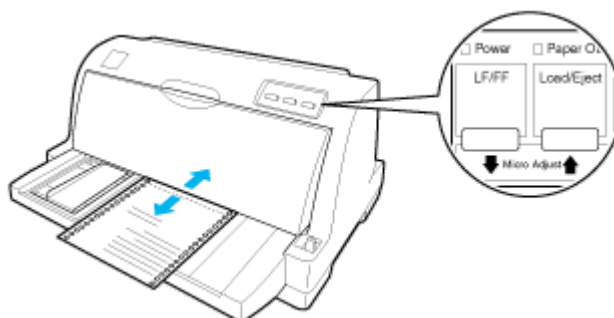
Follow these steps to adjust the tear-off position:



Note:

Your tear-off position setting remains in effect until you change it, even if you turn off the printer.

- 1 Make sure the paper is at the current tear-off position.
- 2 Hold down the **Pause** button for about three seconds. The **Pause** light begins flashing and the printer enters the Micro Adjust mode.
- 3 Press the **LF/FF** ↓ button to feed paper forward, or press the **Load/Eject** ↑ button to feed paper backward, until the paper perforation is aligned with the tear-off edge of the printer cover.



Note:

The printer has a minimum and a maximum tear-off position. If you try to adjust the tear-off position beyond these limits, the printer beeps and stops moving the paper.

- 4 Tear off the printed pages.
- 5 Press the **Pause** button to exit the Micro Adjust mode.

When you resume printing, the printer automatically feeds the paper back to the top-of-form position and begins printing.

Adjusting the top-of-form position

The top-of-form position is the position on the page where the printer starts printing. If your printing appears too high or low on the page, you can use the Micro Adjust function to adjust the top-of-form position.

Follow these steps to adjust the top-of-form position:

Note:

- Your top-of-form position setting remains in effect until you change it, even if you turn off the printer.
- The top margin setting made in some application software overrides the top-of-form position setting you make with the Micro Adjust function. If necessary, adjust the top-of-form position in your software.
- You can check the top-of-form position setting by printing the printer's default settings. See [Changing default settings](#) for instructions on how to print the printer's default settings.

- 1 Make sure the printer is turned on.
- 2 Press the **Pause** button. The **Pause** light comes on.
- 3 Load paper. Press the **Load/Eject** button to advance paper to the current top-of-form position. If necessary, lift up the printer cover so you can see the paper position.
- 4 Hold down the **Pause** button for about three seconds. The **Pause** light starts flashing and the printer enters the Micro Adjust mode.
- 5 Press the **LF/FF**  button to move the top-of-form position down on the page, or press the **Load/Eject**  button to move the top-of-form position up on the page.

Note:

- The printer has a minimum and a maximum top-of-form position. If you try to adjust it beyond these limits, the printer beeps and stops moving the paper.
- When the paper reaches the default top-of-form position, the printer also beeps and stops moving the paper briefly. You can use the default setting as a reference point when adjusting the top-of-form position.

- 6 After you set the top-of-form position, press the **Pause** button to exit the Micro Adjust mode.

[Home](#) > [Safety](#)

Safety Instructions

- [Warnings, Cautions, and Notes](#)
- [Hot Parts Caution Symbol](#)
- [Important Safety Instructions](#)
- [For United Kingdom users](#)

Warnings, Cautions, and Notes

Warnings

must be followed carefully to avoid bodily injury.

Cautions

must be observed to avoid damage to your equipment.

Notes

contain important information and useful tips on the operation of your printer.

[Top](#)

Hot Parts Caution Symbol



This symbol is placed on the print head and other parts to indicate that they may be hot. Never touch those parts just after the printer has been used. Let them cool for a few minutes before touching them.

[Top](#)

Important Safety Instructions

Read all of these safety instructions before using the printer. In addition, follow all warnings and instructions marked on the printer itself.

When setting up the printer

- Do not place the printer on an unstable surface or near a radiator or heat source.
- Place the printer on a flat, stable surface. The printer will not operate properly if it is tilted or placed at an angle.
- Do not place this product on a soft, unstable surface like a bed or a sofa, or a small, enclosed area, as this restricts ventilation.
- Do not block or cover the slots and openings in the printer's cabinet, and do not insert objects through the slots.
- Leave adequate room around the printer for easy operation and maintenance.
- Place the printer where you can easily connect it to a network interface cable, if necessary.
- Use only the type of power source indicated on the printer's label. If you are not sure of the power supply specifications in your area, contact your local power company or consult your dealer.
- Connect all equipment to properly grounded electrical outlets. Avoid using outlets on the same circuit as photocopiers or air control systems that regularly switch on and off.

- Do not use a damaged or frayed power cord.
- The power cord should be placed to avoid abrasions, cuts, fraying, crimping, kinking, and other damage.
- If you use an extension cord with the printer, make sure the total ampere rating of all devices plugged into the extension cord does not exceed the cord's ampere rating. Also, make sure the total ampere of all devices plugged into the electrical outlet does not exceed the electrical outlet's ampere rating.
- Use only the power cord that comes with this product. Use of another cord may result in fire or electric shock.
- This product's power cord is for use with this product only. Use with other equipment may result in fire or electric shock.
- Be sure the AC power cord meets the relevant local safety standards.
- Avoid using or storing the printer in places subject to rapid changes in temperature and humidity. Also keep it away from direct sunlight, strong light, heat sources, or excessive moisture or dust.
- Avoid places subject to shocks and vibrations.
- Place the printer near a wall outlet where you can easily unplug the power cord.
- Keep the entire computer system away from potential sources of electromagnetic interference, such as loudspeakers or the base units of cordless telephones.
- Avoid electrical outlets controlled by wall switches or automatic timers. An interruption in power can erase information in the memory of your printer or computer. Also avoid outlets on the same circuit as large motors or other appliances that can cause voltage fluctuations.
- Use a grounded power outlet; do not use an adapter plug.
- If you plan to use a printer stand, follow these guidelines:
 - Use a stand that can support at least twice the weight of the printer.
 - Never use a stand that tilts the printer. The printer should always be kept level.
 - Position your printer's power cord and interface cable so they do not interfere with paper feeding. If possible, secure the cables to a leg of the printer stand.

When maintaining the printer

- Unplug the printer before cleaning it, and always clean it with a piece of damp cloth only.
- Do not spill liquid onto the printer.
- Do not attempt to service the printer yourself except as specifically explained in this guide.
- Unplug the printer and refer servicing to qualified service personnel under the following conditions:
 - i. If the power cord or plug is damaged.
 - ii. If liquid has entered the printer.
 - iii. If the printer has been dropped or the cabinet damaged.
 - iv. If the printer does not operate normally or exhibits a distinct change in performance.
- Do not use aerosol blowers which contain flammable gas inside or around this product. Doing so may cause fire.
- Adjust only those controls that are covered by the operating instructions.
- If you plan to use the printer in Germany, observe the following:

To provide adequate short-circuit protection and over-current protection for this printer, the building installation must be protected by a 10- or 16-amp circuit breaker.

Bei Anschluss des Druckers an die Stromversorgung muss sichergestellt werden, dass die Gebäudeinstallation mit einer 10 A- oder 16 A-Sicherung abgesichert ist.

When Handling the paper

- Because labels are sensitive to temperature and humidity, use them only under normal operating conditions described below:

Temperature: 15 to 25 °C (59 to 77 °F)

Humidity: 30 to 60% RH
- Do not leave labels loaded in the printer between jobs; they may curl around the platen and jam when you resume printing.
- Do not load paper that is curled or has been folded.

When operating the printer

- Adjust only those controls that are covered in the user documentation. Improper adjustment of other controls may result in damage requiring extensive repair by a qualified technician.
- Whenever you turn off the printer, wait at least five seconds before turning it back on; otherwise, you may damage the printer.
- Do not turn off the printer while it is printing the self test. Always press the **Pause** button to stop printing and then turn off the printer.
- Do not reconnect the power cord to an electrical outlet that has the wrong voltage for your printer.
- Never replace the print head yourself; you may damage the printer. Also, other parts of the printer must be checked when the print head is replaced.
- You need to move the print head by hand to replace the ribbon cartridge. If you have just used the printer, the print head may be hot; let it cool for a few minutes before touching it.

[Top](#) 

For United Kingdom users

Use of options

Epson (UK) Limited shall not be liable against any damages or problems arising from the use of any options or consumable products other than those designated as Original Epson Products or Epson Approved Products by Epson (UK) Limited.

Safety information

**Warning:**

This appliance must be earthed. Refer to the rating plate for voltage and check that the appliance voltage corresponds to the supply voltage.

Important:

The wires in the mains lead fitted to this appliance are coloured in accordance to the following code:

Green and yellow — Earth

Blue — Neutral

Brown — Live

If you have to fit a plug:

As the colours of the mains lead of this appliance may not match coloured markings used to identify the terminals in a plug, please proceed as follows:

The green and yellow wire must be connected to the terminal in the plug which is marked with the letter E or the Earth symbol ().

The blue wire must be connected to the terminal in the plug marked with the letter N.

The brown wire must be connected to the terminal in the plug marked with the letter L.

If damage occurs to the plug, replace the cord set or consult a qualified electrician.

Replace fuses only with a fuse of the correct size and rating.

Search Tips



[Home](#) > Search Tips

Search Tips

Enter a few specific keywords and click the Search button for a list of relevant results.
Be sure to separate keywords with spaces.

Matches for the keywords are highlighted red in the search results.

If a keyword appears more than once in a phrase, only the first occurrence is highlighted.

To refine or narrow your search, add more words to the search terms.

Operating System Versions



[Home](#) > [Printer Software](#)

■ Operating System Versions

In this manual, the following abbreviations are used.

Windows® refers to Microsoft® Windows 7, Vista, XP, 2000, NT 4.0, Me, 98, and 95.

- Windows 7 refers to Windows 7 Home Basic, Windows 7 Home Premium, Windows 7 Professional, and Windows 7 Ultimate.
- Windows Vista® refers to Windows Vista Home Basic Edition, Windows Vista Home Premium Edition, Windows Vista Business Edition, Windows Vista Enterprise Edition, and Windows Vista Ultimate Edition.
- Windows XP refers to Windows XP Home Edition, Windows XP Professional x64 Edition, and Windows XP Professional.
- Windows Me refers to Windows Millennium Edition.
- Windows 2000 refers to Windows 2000 Professional.

About Your Printer Software



[Home](#) > [Printer Software](#)

About Your Printer Software

The Epson software includes the printer driver software and EPSON Status Monitor 3.

The printer driver is software that allows your computer to control the printer. You need to install the printer driver so your Windows software applications can take full advantage of the printer's capabilities.

EPSON Status Monitor 3 program allows you to monitor the status of your printer, alerts you when errors occur, and provides you with troubleshooting tips. EPSON Status Monitor 3 is automatically installed when you install the printer driver. If you want to install EPSON Status Monitor 3 later, see [Installing EPSON Status Monitor 3](#) for instructions.

Note:

- Before proceeding, make sure you have installed the printer driver on your computer described in the *Setup Guide*.
- For Windows 7 users:
Use the printer driver included with OS, and download the EPSON Status Monitor for the driver included in Windows 7 at the following web site:
<http://www.epson.com>

Using the Printer Driver With Windows Me, 98, and 95



[Home](#) > [Printer Software](#)

Using the Printer Driver With Windows Me, 98, and 95

- [Accessing the printer driver from Windows applications](#)
- [Accessing the printer driver from the Start menu](#)
- [Changing the printer driver settings](#)

You can access the printer driver from your Windows applications or from the Start menu.

- When you access the printer driver from a Windows application, any settings you make apply only to the application you are using. See [Accessing the printer driver from Windows applications](#) for more information.
- When you access the printer driver from the Start menu, the printer driver settings you make apply to all your applications. See [Accessing the printer driver from the Start menu](#) for more information.

See [Changing the printer driver settings](#) to check and change printer driver settings.



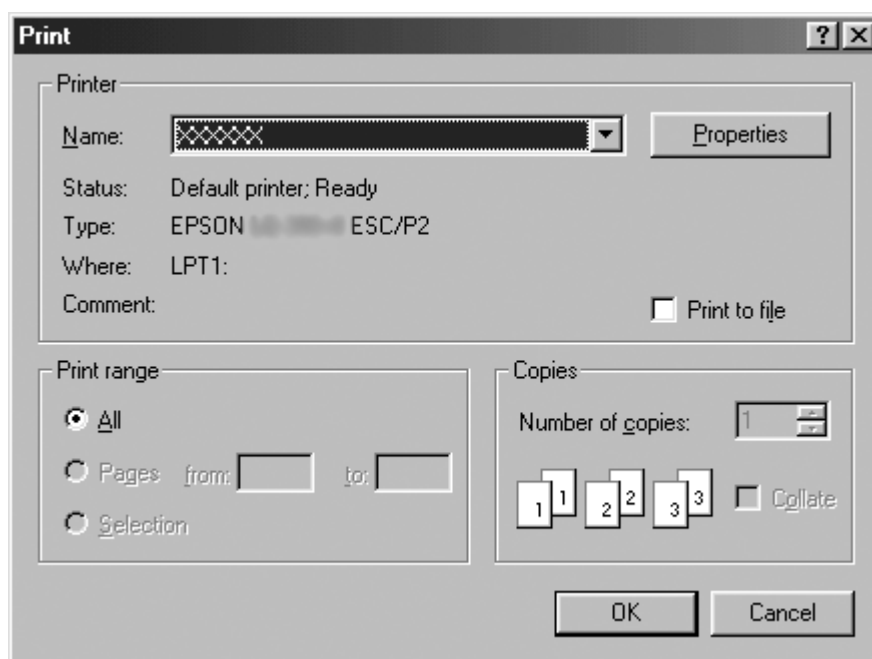
Note:

While many Windows applications override the settings made with the printer driver, some do not; so you must verify that the printer driver settings match your requirements.

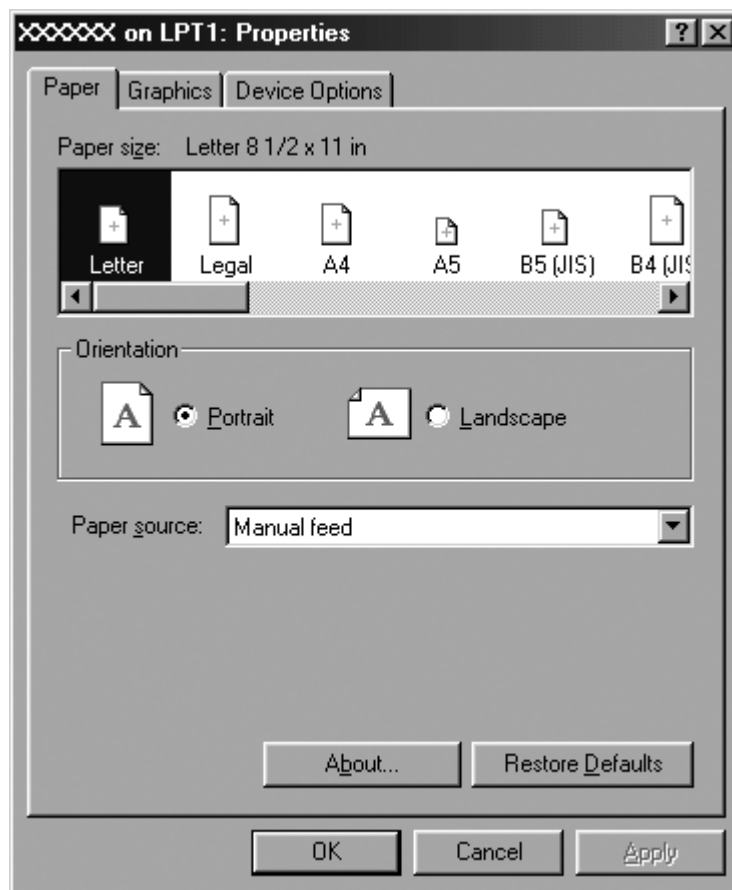
Accessing the printer driver from Windows applications

Follow these steps to access the printer driver from a Windows application:

- 1 Select **Print Setup** or **Print** from the File menu of your application software. In the Print or Print Setup dialog box displayed, make sure that your printer is selected in the Name drop-down list.



- 2 Click **Printer**, **Setup**, **Properties**, or **Options**. (The button you click depends on your application and you may need to click a combination of these buttons.) The Properties window appears, and you see the Paper, Graphics, and Device Options menus. These menus contain the printer driver settings.



- 3 To view a menu, click the corresponding tab at the top of the window. See [Changing the printer driver settings](#) for information on how to change the settings.

[Top](#)

Accessing the printer driver from the Start menu

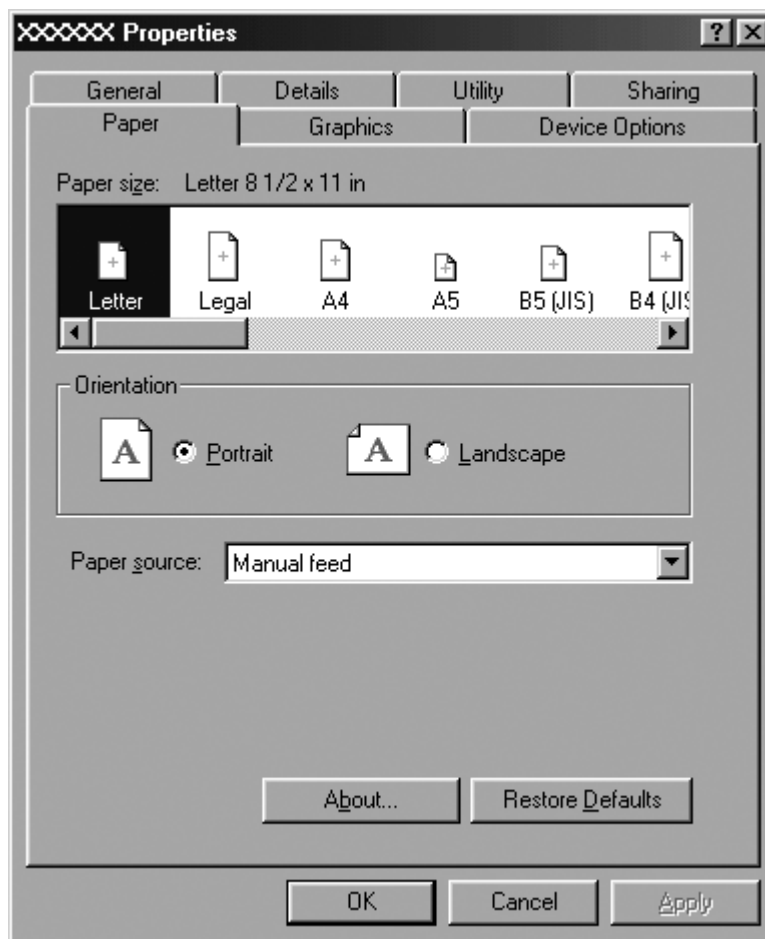
To access the printer driver from the Start menu, follow these steps:

- 1 Click the **Start** button, and then point to **Settings**.
- 2 Click **Printers**.
- 3 Right-click your printer icon, and click **Properties**. The screen displays the Properties window, which contains the Paper, Graphics, Device Options, and Utility menus. These menus display the printer driver settings.
- 4 To view a menu, click the corresponding tab at the top of the window. See [Changing the printer driver settings](#) for information on how to change the settings.

[Top](#)

Changing the printer driver settings

Your printer driver has seven menus: Paper, Graphics, Device Options, General, Details, Utility, and Sharing. For an overview of the available settings, see [Printer Driver Settings Overview](#). You can also view online help by right-clicking items in the driver and selecting **What's this?**.



When you finish making printer driver settings, click **OK** to apply the settings, or click **Restore Defaults** to return the settings to their default values.

Once you have checked your printer driver settings and made any necessary changes, you are ready to print.

Using the Printer Driver with Windows 7, Vista, XP, 2000, and Windows NT 4.0



[Home](#) > [Printer Software](#)

Using the Printer Driver with Windows 7, Vista, XP, 2000, and Windows NT 4.0

- [Accessing the printer driver from Windows applications](#)
- [Accessing the printer driver from the Start menu](#)
- [Changing the printer driver settings](#)

You can access the printer driver from your Windows applications or from the Start menu.

- When you access the printer driver from a Windows application, any settings you make apply only to the application you are using. See [Accessing the printer driver from Windows applications](#) for more information.
- When you access the printer driver from the Start menu, the printer driver settings you make apply to all your applications. See [Accessing the printer driver from the Start menu](#) for more information.

See [Changing the printer driver settings](#) to check and change printer driver settings.

Note:

While many Windows applications override the settings made with the printer driver, some do not, so you must verify that the printer driver settings match your requirements.

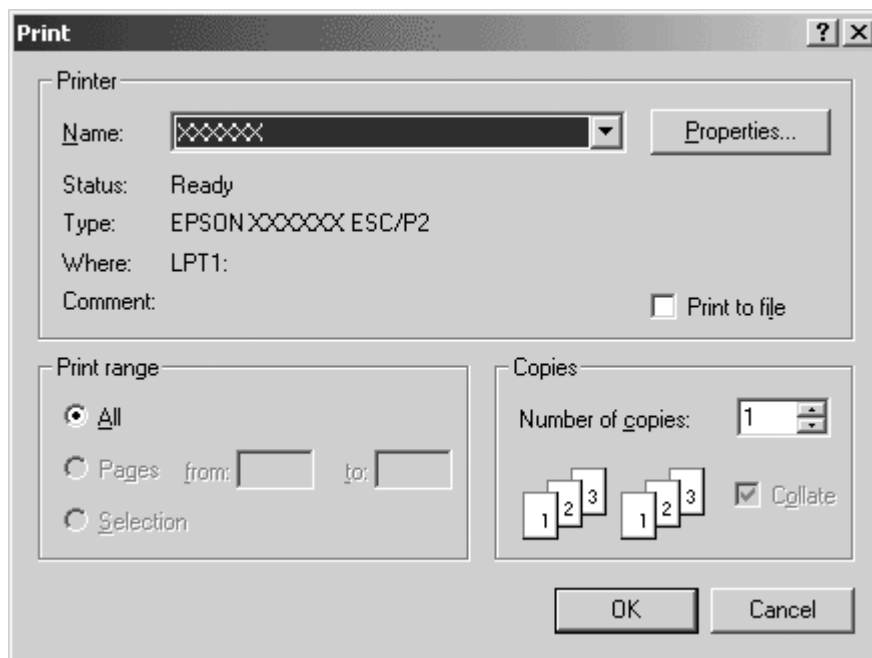
Accessing the printer driver from Windows applications

Follow these steps to access the printer driver from a Windows application:

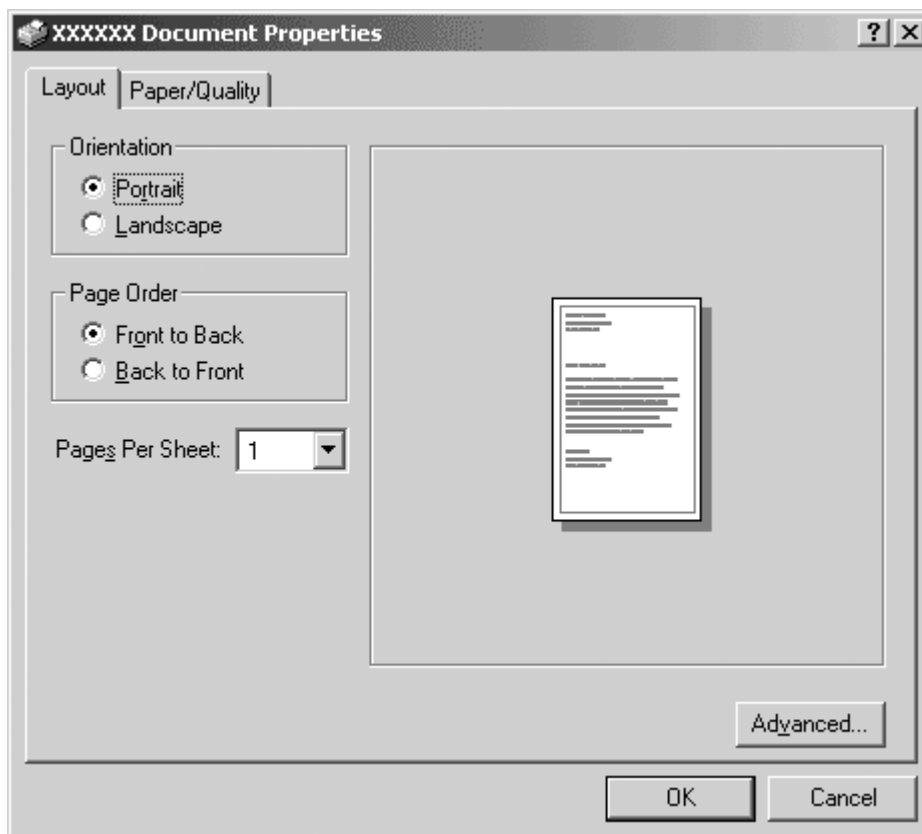
Note:

The screen shots used in this procedure are from the Windows 2000 operating system. They may vary in appearance from what actually appears on your screen; however, the instructions are the same.

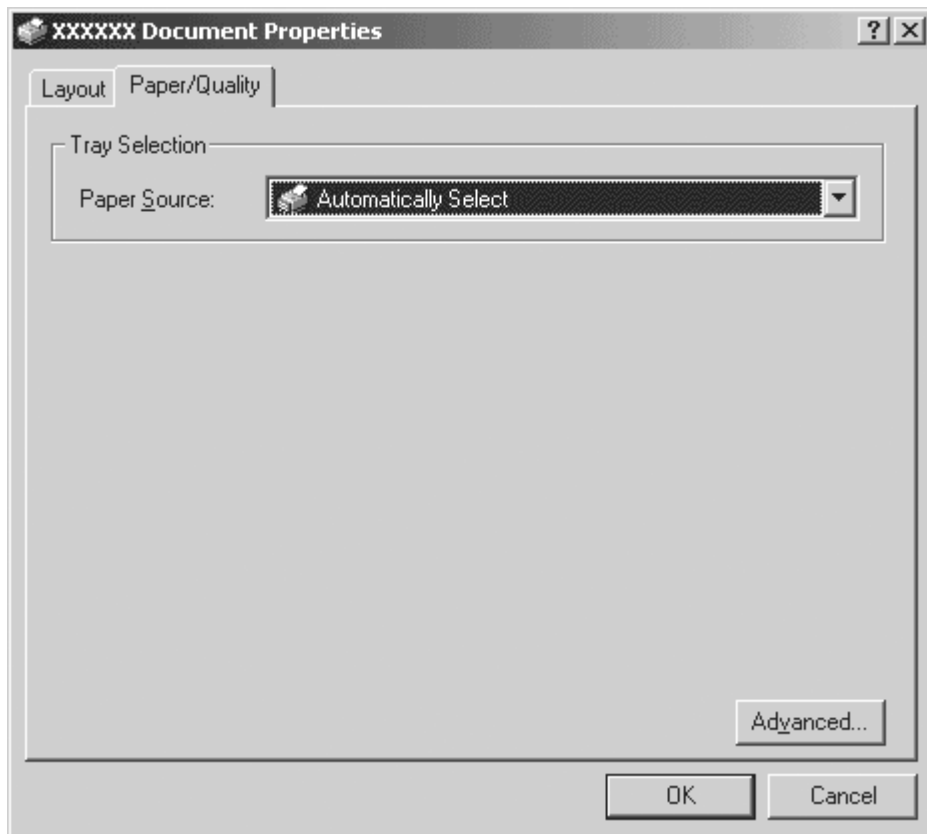
- 1** Select **Print Setup** or **Print** from the File menu of your application software. In the Print or Print Setup dialog box displayed, make sure that your printer is selected in the Name drop-down list.



- Click **Printer**, **Setup**, **Properties**, or **Options**. (The button you click depends on your application and you may need to click a combination of these buttons.) The Document Properties window appears, and you see the Page Setup and Advanced menus (Windows NT® 4.0) or Layout and Paper/Quality menus (Windows XP and 2000) or Layout, Paper/Quality, User Defined Paper and Extension Settings menus (Windows 7 and Vista). These menus contain the printer driver settings.



- 3 To view a menu, click the corresponding tab at the top of the window. See [Changing the printer driver settings](#) to change the settings.



[Top](#)

Accessing the printer driver from the Start menu

Follow these steps to access the printer driver from the Start menu:

Note:

The screen shots used in this procedure are from the Windows 2000 operating system. They may vary in appearance from what actually appears on your screen; however, the instructions are the same.

- 1 For Windows 7:
Click **Start**, and click **Devices and Printers**.

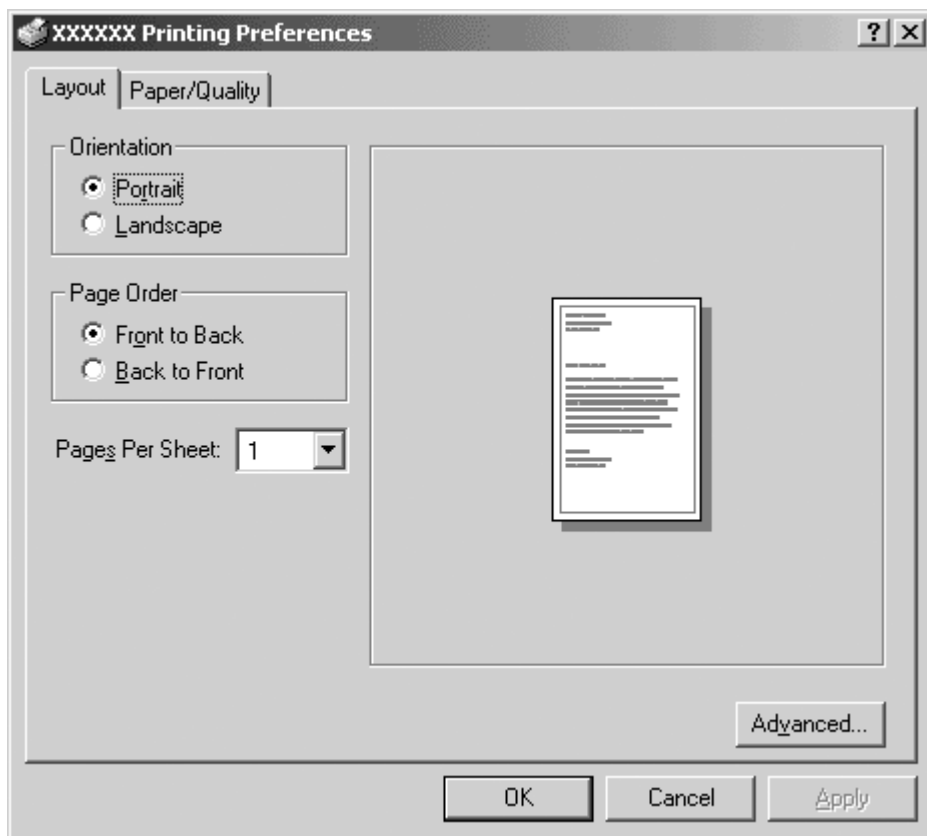
For Windows Vista:
Click **Start**, click **Control Panel**, click **Hardware and Sound**, and then click **Printers**.

For Windows 2000 or Windows NT 4.0:
Click **Start**, point to **Settings**, and then select **Printers**.

For Windows XP Professional:
Click **Start**, and click **Printers and Faxes**.

For Windows XP Home Edition:
Click **Start**, click **Control Panel** first, and then click **Printers and Faxes**.

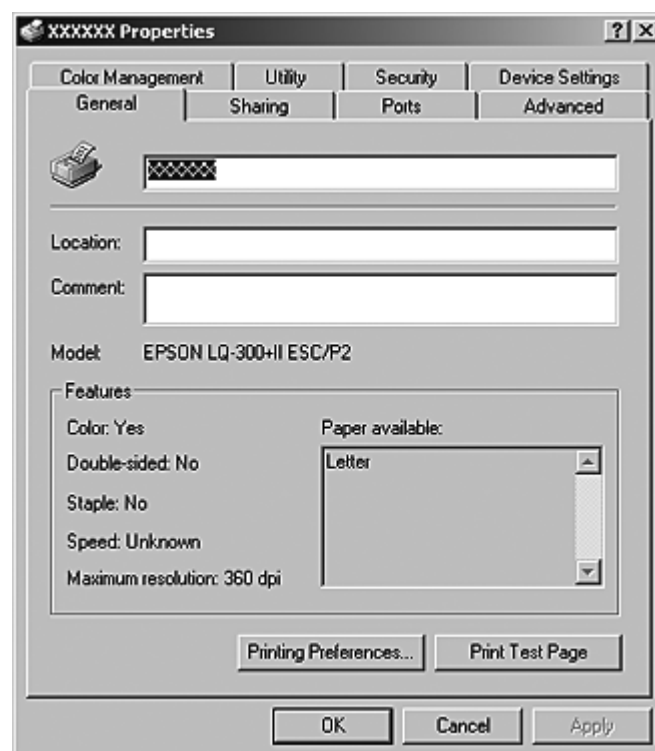
- Right-click your printer icon, and click **Printing Preferences** (in Windows 7, Vista, XP or 2000) or **Document Defaults** (in Windows NT 4.0). The screen displays the Document Properties window, which contains the Layout and Paper/Quality menus (Windows XP, 2000) or Page Setup and Advanced menus (Windows NT 4.0) or Layout, Paper/Quality, User Defined Paper and Extension Settings menus (Windows 7 or Vista). These menus display the printer driver settings.



When you click **Properties** (Windows Vista, XP, 2000 or Windows NT 4.0) or **Printer Properties** (Windows 7) in the menu displayed by right-clicking the printer icon, the Properties window appears, which includes menus used to make the printer driver settings.

 Note:

Do not click **Properties** though both **Properties** and **Printer Properties** are displayed in the menu of Windows 7.

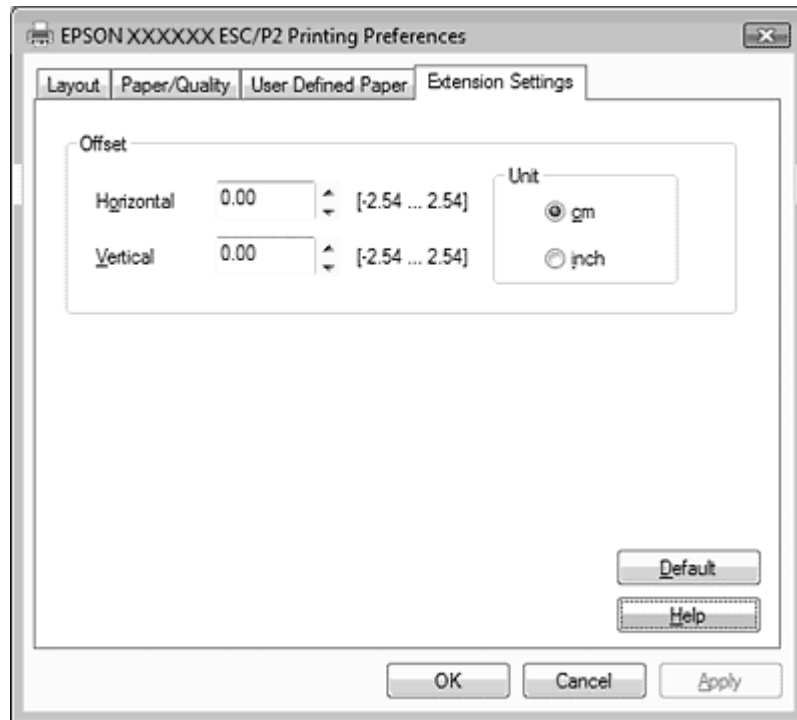


- 3 To view a menu, click the corresponding tab at the top of the window. See [Printer Driver Settings Overview](#) for information on how to change the settings.

Changing the printer driver settings

Your printer driver has two menus from which you can change the printer driver settings; Layout and Paper/Quality. You can also change settings on the Utility menu in the printer software. For an overview of the available settings, see [Printer Driver Settings Overview](#). For Windows XP/2000, you can also view online help by right-clicking items in the driver and selecting **What's this?**.

Click the **Help** button on the Printer Driver screen.



When you finish making your printer driver settings, click **OK** to apply the settings, or click **Cancel** to cancel your changes.

Once you have checked your printer driver settings and changed them if necessary, you are ready to print.

Printer Driver Settings Overview



LQ-630



[Home](#) > [Printer Software](#)

Printer Driver Settings Overview

- [Printer settings](#)
- [Monitoring settings](#)

The following tables show the Windows printer driver settings. Note that not every setting is available in all versions of Windows. For more details, see **Help** for the printer driver.

Printer settings

Settings	Explanations
Paper Size	Select the size of the paper you want to use. If you do not see your paper size, use the scroll bar to scroll through the list. If your paper size is not included in the list, click Custom or User Defined Size and enter the paper size in the dialog box that appears.
Orientation	Select Portrait or Landscape.
Paper Source	Select the paper source you want to use.
Resolution/ Graphics Resolution	Select the printing resolution you want. The higher the resolution you select, the more detailed your printout will be; however, increasing the resolution slows printing.
Dithering	You can leave this option set to Fine, which is the default setting, or select another dithering pattern depending on the kind of printout you want.
Intensity/ Intensity Control	Move the slider to make your printout lighter or darker.
Print quality	Select a print quality option from the Print quality list. If you turn on Hi-speed, you will enter bi-directional printing mode and printing speed will increase. Turning Hi-speed off will return the printer to uni-directional printing mode. Printing speed will decrease, but printing precision will improve. Printing with the default settings uses the settings stored in the printer.
EPSON Status Monitor 3	You can access EPSON Status Monitor 3 when you click this button. To monitor the printer, make sure the Monitor the printing status check box is selected.
Monitoring Preferences	Click this button to open the Monitoring Preferences dialog box where you can make settings for EPSON Status Monitor 3.
Paper/Output	Check the Paper Size , Orientation , and Paper Source settings you made on the Page Setup menu and change them if necessary. Select the setting and then choose an option from the Change Setting list box.
Halftone	Click this button to set the brightness and contrast, input the RGB gamma, or make other settings. The Halftone Color Adjustment dialog box appears. For details, click Help in this dialog box.

[Top](#) 

Monitoring settings

Settings	Explanations
EPSON Status Monitor 3	You can access EPSON Status Monitor 3 when you click this button. To monitor the printer, make sure the Monitor the printing status check box is selected.
Monitoring Preferences	Click this button to open the Monitoring Preferences dialog box where you can make settings for EPSON Status Monitor 3. See Setting up EPSON Status Monitor 3 for more information.

[Top](#) 

Using EPSON Status Monitor 3



[Home](#) > [Printer Software](#)

■ Using EPSON Status Monitor 3

- [Setting up EPSON Status Monitor 3](#)
- [Accessing EPSON Status Monitor 3](#)
- [Installing EPSON Status Monitor 3](#)

EPSON Status Monitor 3 is available for Windows Vista, XP, Me, 98, 95, 2000, and Windows NT 4.0. It allows you to monitor your printer's status, alerts you when printer errors occur, and provides troubleshooting instructions when needed.

Note:

Windows 7 users:
Use the EPSON Status Monitor for the driver included in Windows 7, Download the EPSON Status Monitor and its manual from the EPSON Web site.
<http://www.epson.com>

EPSON Status Monitor 3 is available when:

- The printer is connected directly to the host computer via the parallel port [LPT1] or the USB port.
- Your system is configured to support bidirectional communication.

EPSON Status Monitor 3 is installed when the printer is connected directly and you install the printer driver as described in the *Setup Guide*. When sharing the printer, be sure to set EPSON Status Monitor 3 so that the shared printer can be monitored on the printer server and clients. See [Setting up EPSON Status Monitor 3](#) and [Setting Up Your Printer on a Network](#).

Caution:

Although you can print to the printer directly connected to the computer in a remote location by using Remote Desktop function* of Windows 7, Vista, or XP, communication error may occur.
* Remote Desktop function: Function which enables a user to access applications or files in a computer connected to the office network from a mobile computer at a remote location.

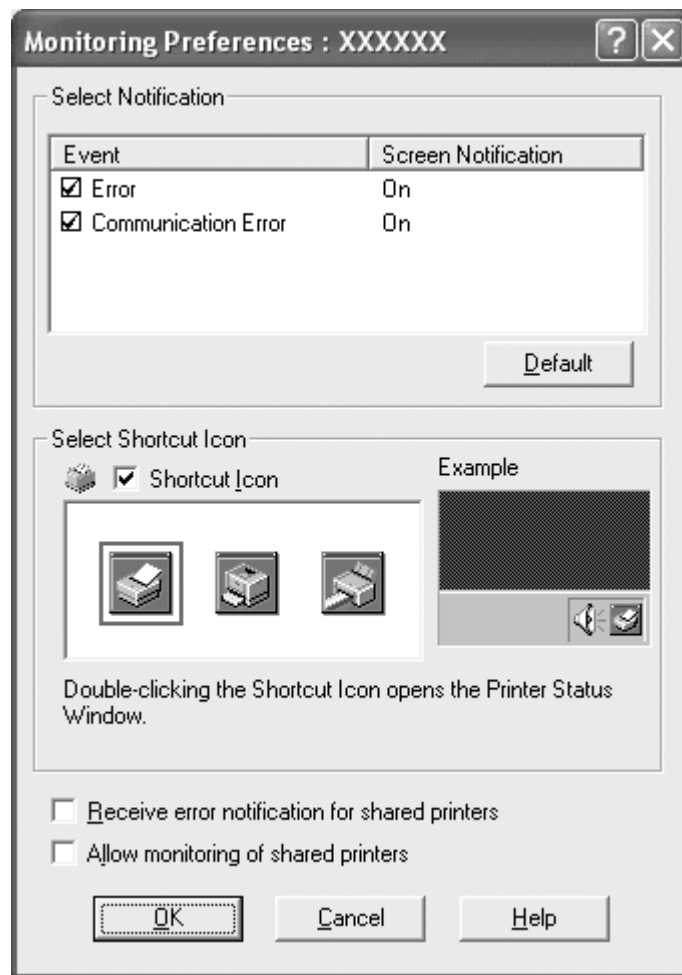
Note:

If you are using a computer running Windows Vista x64 Edition with multiple users are logged on, a communication error message may be displayed when monitoring printers at the same time.

Setting up EPSON Status Monitor 3

Follow these steps to set up EPSON Status Monitor 3:

- 1 Open the Utility menu as described in [Using the Printer Driver with Windows 7, Vista, XP, 2000, and Windows NT 4.0](#) or [Using the Printer Driver With Windows Me, 98, and 95](#).
- 2 Click the **Monitoring Preferences** button. The Monitoring Preferences dialog box appears.



3 The following settings are available:

Select Notification	Displays the error item check box On/Off status. Turn on this check box to display the selected error notification.
Select Shortcut Icon	The selected icon is displayed on the taskbar. The setting's example is shown on the right window. By clicking the shortcut icon, you can access the Monitoring Preferences dialog box easily.
Receive error notification for shared printers	Error notification for a shared printer can be received when this check box is selected.
Allow monitoring of shared printer	When this check box is selected, a shared printer can be monitored by other PCs. Note: If the server's OS is Windows Vista, select Run as Administrator when opening the printer properties before checking.

Note:

Click the **Default** button to revert all items to the default settings.

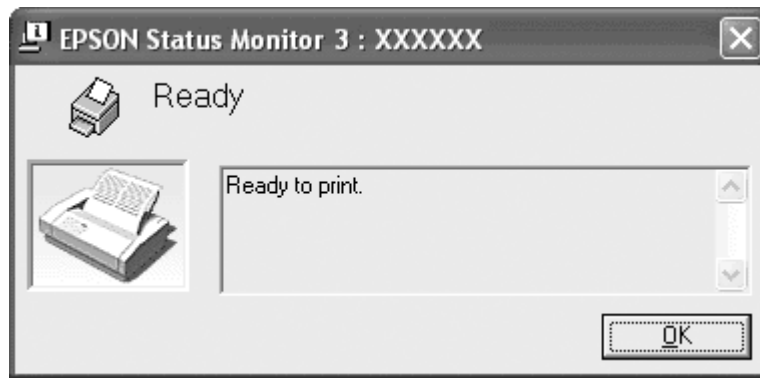
Top

Accessing EPSON Status Monitor 3

Do one of the following to access EPSON Status Monitor 3;

- Double-click the printer-shaped shortcut icon on the taskbar. To add a shortcut icon to the taskbar, go to the Utility menu and follow the instructions.
- Open the Utility menu, then click the **EPSON Status Monitor 3** icon. To find out how to open the Utility menu, See [Using the Printer Driver With Windows Me, 98, and 95](#) or [Using the Printer Driver with Windows 7, Vista, XP, 2000, and Windows NT 4.0](#).

When you access EPSON Status Monitor 3 as described above, the following printer status window appears.



You can view printer status information in this window.

 Note:

It might not be possible to retrieve the printer status during printing. In this situation, click the **EPSON Status Monitor 3** button in the Utility tab, and use the printer with the status window left open.

[Top](#) 

Installing EPSON Status Monitor 3

Follow the steps below to install EPSON Status Monitor 3.

- 1 Make sure that the printer is off and that Windows is running on your computer.
- 2 Insert the printer software CD-ROM in the CD-ROM drive.

 Note:

- If the language selection window appears, select your language.
- If the EPSON Installation Program screen does not appear automatically, double-click the **My Computer** icon, right-click the CD-ROM icon, click **Open** in the menu that appears, then double-click **Epsetup.exe**.

- 3 Click **Continue**. When the software license agreement screen appears, read the statement, then click **Agree**.
- 4 Click **Custom Install**.
- 5 Click the **EPSON Status Monitor 3** button.
- 6 In the dialog box that appears, make sure that your printer icon is selected, and click **OK**. Then follow the on-screen instructions.
- 7 When the installation is complete, click **OK**.

[Top](#) 

Setting Up Your Printer on a Network



[Home](#) > [Printer Software](#)

Setting Up Your Printer on a Network

- [Sharing the printer](#)
- [Setting up your printer as a shared printer](#)
- [Setting for the clients](#)

Sharing the printer

This section describes how to share the printer on a standard Windows network.

The computers on a network can share a printer that is directly connected to one of them. The computer that is directly connected to the printer is the printer server, and the other computers are the clients which need permission to share the printer with the printer server. The clients share the printer via the printer server.

According to the versions of Windows OS and your access rights on the network, perform the appropriate settings of the printer server and clients.

Setting the printer server

- See [With Windows Me, 98, or 95](#).
- See [With Windows 7, Vista, XP, 2000, or Windows NT 4.0](#).

Setting the clients

- See [With Windows Me, 98, or 95](#).
- See [With Windows 7, Vista, XP, 2000, or Windows NT 4.0](#).



Note:

- When sharing the printer, be sure to set EPSON Status Monitor 3 so that the shared printer can be monitored on the printer server and clients. See [Setting up EPSON Status Monitor 3](#).
- When you are Windows shared printer user in a Windows Me or 98 environment, on the server, double-click the **Network** icon in Control Panel and make sure that the "File and printer sharing for Microsoft Networks" component is installed. Then, on the server and clients, make sure that the "IPX/SPX-compatible Protocol" or the "TCP/IP Protocol" is installed.
- When connecting to a Windows XP shared printer, error and warning notifications do not appear during printing. Installing Windows XP Service Pack 1 or later will solve this problem.
- When connecting to a shared printer beyond a router, error and warning notification for shared printers during printing is not available in some cases because of the router's settings.
- The printer server and clients should be set on the same network system, and they should be under the same network management beforehand.
- The on-screen displays on the following pages may differ depending on the version of Windows OS.

[Top](#)

Setting up your printer as a shared printer

With Windows Me, 98, or 95

When the printer server's OS is Windows Me, 98, follow these steps to set the printer server.

- 1 Click **Start**, point to **Settings**, and click **Control Panel**.
- 2 Double-click the **Network** icon.
- 3 Click **File and Print Sharing** on the Configuration menu.

4 Select the **I want to be able to allow others to print to my printer(s)** check box, then click **OK**.

5 Click **OK** to accept the settings.

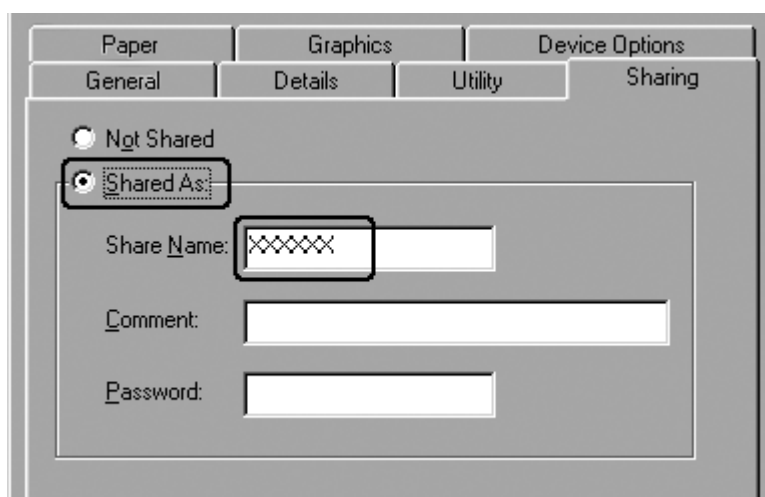
 Note:

- When "Insert the Disk" appears, insert the Windows Me or 98 CD-ROM in the computer. Click **OK** and then follow the on-screen instructions.
- When the prompt to restart the computer appears, restart the computer and continue with the settings.

6 Double-click the **Printers** icon on the Control Panel.

7 Right-click your printer icon, and click **Sharing** in the menu that appears.

8 Select **Shared As**, type the name in the Share Name box, and click **OK**. Type a Comment and Password if needed.



 Note:

- Do not use spaces or hyphens for the share name, or an error may occur.
- When sharing the printer, be sure to set EPSON Status Monitor 3 so that the shared printer can be monitored on the printer server. See [Setting up EPSON Status Monitor 3](#).

You need to set the client computers so that they can use the printer on a network. See the following pages for details.

- For Windows Me, 98, or 95, see [With Windows Me, 98, or 95](#).
- For Windows Vista, XP, 2000, or Windows NT 4.0, see [With Windows 7, Vista, XP, 2000, or Windows NT 4.0](#).

With Windows 7, Vista, XP, 2000, or Windows NT 4.0

When the printer server's OS is Windows Vista, XP, 2000, or Windows NT 4.0, follow these steps to set the printer server.

 Note:

You must access Windows Vista, XP, 2000, or Windows NT 4.0 as the Administrators of the local machine.

1 For a Windows 2000 or Windows NT 4.0 printer server, click **Start**, point to **Settings**, and click **Printers**.

For a Windows XP Professional printer server, click **Start**, and click **Printers and Faxes**.

For Windows XP Home Edition printer server, click **Start**, click **Control panel**, then click **Printers and Faxes**.

For a Windows Vista printer server, click **Start**, click **Control Panel**, click **Hardware and Sound**, and then click **Printers**.

For a Windows 7 printer server, click **Start**, and click **Devices and Printers**.

2 For Windows 7, right-click your printer icon, click **Printer Properties**, and then click the **Sharing** tab in the appearing screen.

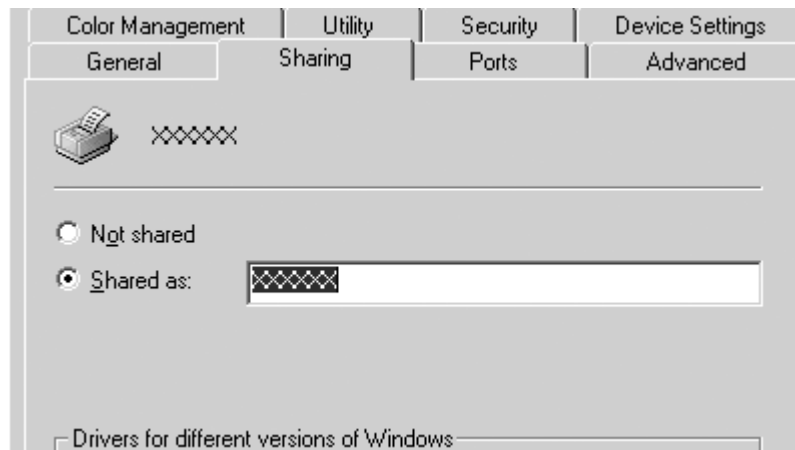
For Windows Vista, XP, 2000, or Windows NT 4.0, right-click your printer icon, and click **Sharing** in the menu that appears.

For Windows XP, if the following menu appears, click either **Network Setup Wizard** or **If you understand the security risks but want to share printers without running the wizard, click here.**

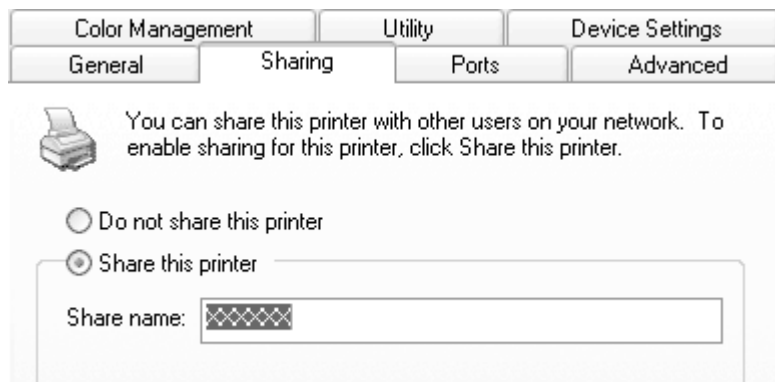
In either case, follow the on-screen instructions.



- 3 For a Windows 2000 or Windows NT 4.0 printer server, select **Shared as** (for Windows 2000) or **Shared** (for Windows NT 4.0), then type the name in the Share name box and click **OK**.



For a Windows 7, Vista or XP printer server, select **Share this printer**, then type the name in the Share name box and click **OK**.



 Note:

- Do not use spaces or hyphens for the share name, or an error may occur.
- In Windows 7 or Vista, you cannot select **share this printer** until you click the **Change sharing options** button.

You need to set the client computers so that they can use the printer on a network. See the following pages for details:

- See [With Windows Me, 98, or 95](#).
- See [With Windows 7, Vista, XP, 2000, or Windows NT 4.0](#).

 Note:

To share files and printers when Windows Firewall is on, perform the following procedure.

Sharing the printer when the firewall is on

Windows 7

- 1 Click **Start**, click **Control Panel**, click **System and Security**, and then click **Windows Firewall**.
- 2 Click **Turn Windows Firewall on or off** in the window on the left. Make sure that **Block all incoming connections, including those in the list of allowed programs** is not selected, and then click **OK**.
- 3 Click **Allow a program or feature through Windows Firewall** in the window on the left.
- 4 Select **Share file and printer**, and then click **OK**.

Windows Vista

- 1 Click **Start**, and then click **Control Panel**.
- 2 Click **Security**, and then click **Windows Firewall** to open the Windows Firewall window.
- 3 Click **Turn Windows Firewall on or off** in the window on the left. When the User Account Control screen is displayed, click **Continue**.
- 4 Make sure that **Block all incoming connections** is not selected from the **General** tab.
- 5 Open the **Exceptions** tab, select **File and Printer Sharing**, and then click **OK**.

Windows XP

- 1 Click **Start**, and then click **Control Panel**.
- 2 Click **Security Center**.
- 3 Click **Windows Firewall** to open the Windows Firewall window.
- 4 Make sure that **Don't allow exceptions** is not selected from the **General** tab.
- 5 Open the **Exceptions** tab, select **File and Printer Sharing**, and then click **OK**.

[Top](#) 

Setting for the clients

This section describes how to install the printer driver by accessing the shared printer on a network.

Note:

- To share the printer on a Windows network, you need to set the printer server. For details, see [Setting up your printer as a shared printer](#).
- This section describes how to access the shared printer on a standard network system using the server (Microsoft workgroup). If you cannot access the shared printer due to the network system, ask the administrator of the network for assistance.
- This section describes how to install the printer driver by accessing the shared printer from the Printers folder. You can also access the shared printer from Network Neighborhood or My Network on the Windows desktop.
- When you want to use the EPSON Status Monitor 3 at clients, you have to install both of the printer driver and the EPSON Status Monitor 3 in each client from the CD-ROM.

When using a different operating system or architecture for the server and client, Please set up the connection according to the procedures shown below.

 Note:

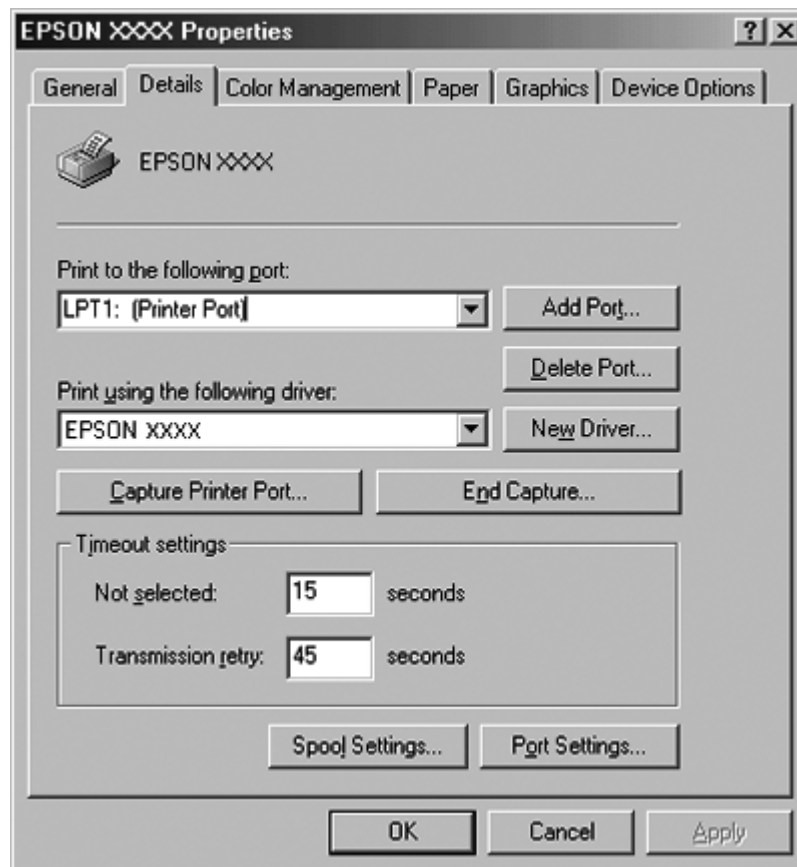
If the printer drivers are not already installed on the client, please install them before performing these settings.

With Windows Me, 98, or 95

- 1 On the Windows **Start** menu, click **Settings** and then click **Printers**.
- 2 Right-click the icon for the printer you wish to change the settings for, and then click **Properties**.

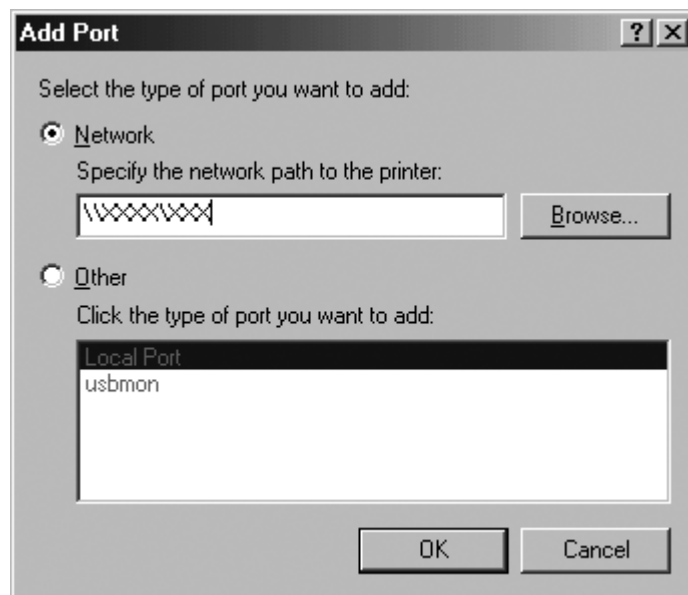


- 3 Click the **Details** tab and then click **Add Port**.



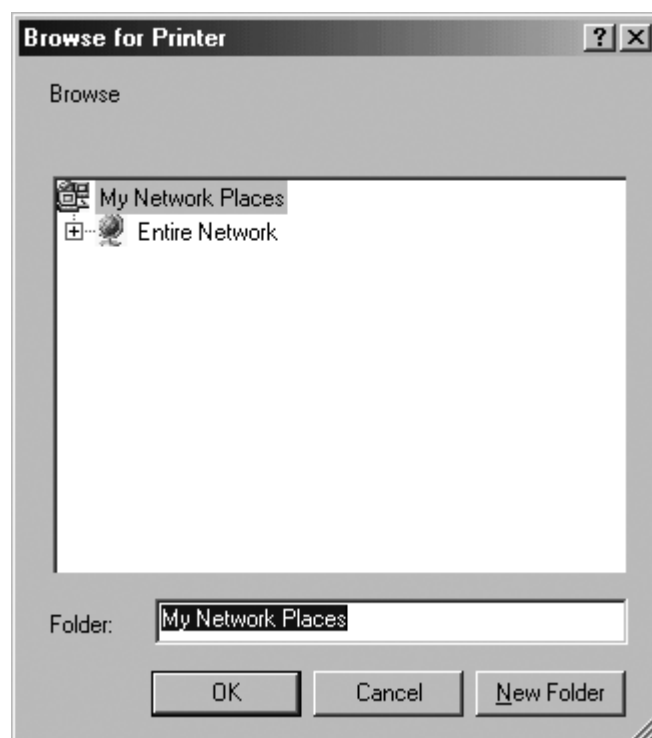
- 4 Click **Network**, enter the following information for **Specify the network path to the printer**, and then click **OK**.

\\Name of computer connected to the target printer\name of shared printer



 Note:

If you do not know the path to the network printer, click **Browse** to search for the appropriate printer.



- 5 Check that the port name you added is selected for **Print to the following port**, and then click **OK**.

With Windows 7, Vista, XP, 2000, or Windows NT 4.0

- 1 On the Windows **Start** menu, open the **Printers** or **Printers and Faxes** folder.

For Windows 7 clients, click **Start**, and click **Devices and Printers**.

For Windows Vista clients, click **Start**, click **Control Panel**, and then click **Printers**.

For Windows NT 4.0 or 2000 clients, click **Start**, click **Settings**, and then click **Printers**.

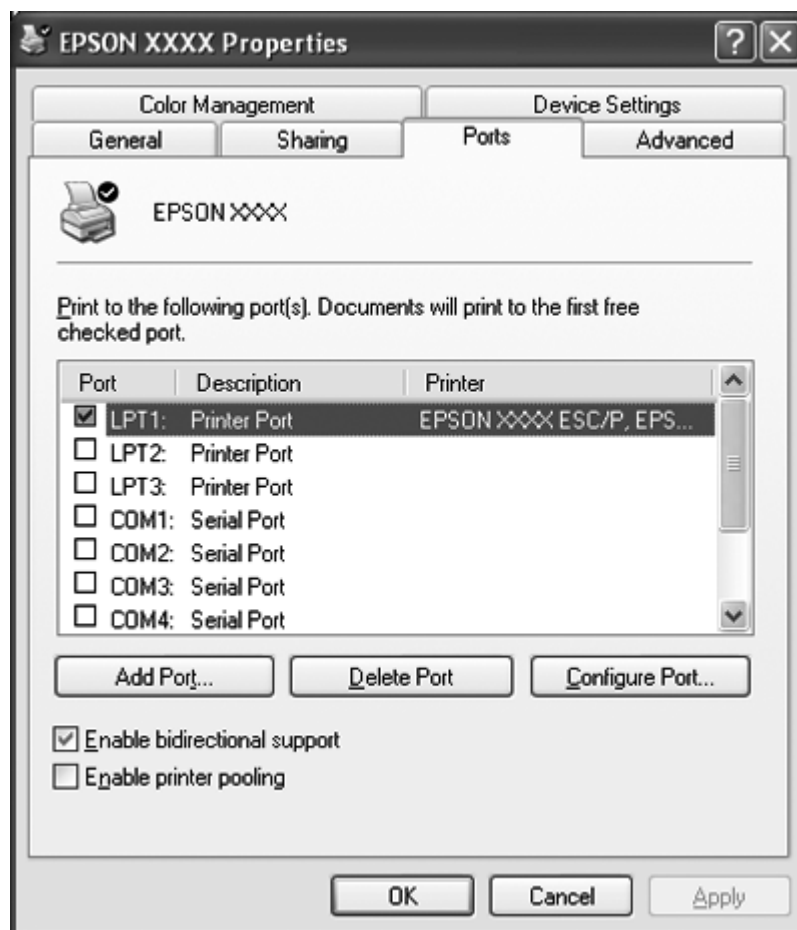
For Windows XP Professional clients, click **Start** and then click **Printers and Faxes**.

For Windows XP Home Edition clients, click **Start**, click **Control Panel**, and then click **Printers and Faxes**.

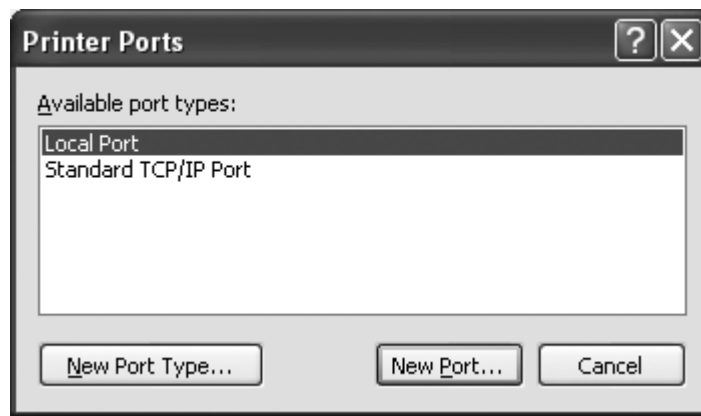
- 2 Right-click the icon for the printer you wish to change the settings for, and then click **Properties** (Windows Vista, XP, 2000, and Windows NT 4.0) or **Printer Properties** (Windows 7).



- 3 Click the **Ports** tab and then click **Add Port**.

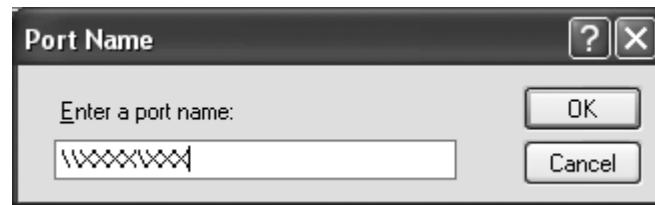


- 4 When the **Printer Ports** window appears, select **Local Port**, and then click **New Port**.



- 5 Enter the following information for the port name and then click **OK**.

\\Name of computer connected to the target printer\name of shared printer



- 6 After returning to the **Printer Ports** window, click **Close**.

- 7 Check that the name you entered for the port has been added and selected, and then click **Close**.

 Note:

If EPSON Status Monitor 3 is installed with the Windows Firewall feature turned on (recommended), the shared printer may not be able to be monitored. This problem can be resolved by adding EEBAgent.exe to Exceptions of the firewall function.

Canceling Printing

EPSON

LQ-630

EXCEED YOUR VISION

[Home](#) > [Printer Software](#)

Canceling Printing

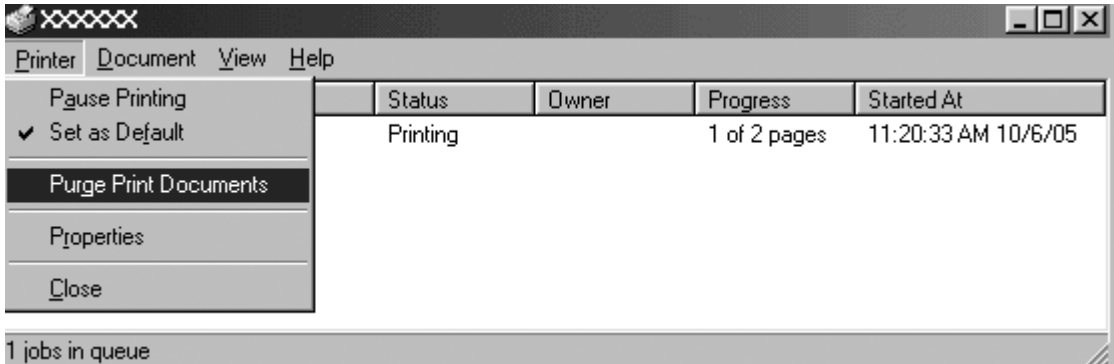
If the printouts are not what you expected and display incorrect or garbled characters or images, you may need to cancel printing. When the printer icon is displayed on the taskbar, follow the instructions below to cancel printing.

- 1
- Double-click the printer icon on the task bar, then click **Purge Print Documents** on the Printer menu.



- 2
- When canceling all printing documents, select **Cancel All Documents** on the Printer menu.

When canceling a specified document, select a document you want to cancel and select **Cancel** on the Document menu.



The printing job is canceled.

Uninstalling the Printer Software



[Home](#) > [Printer Software](#)

Uninstalling the Printer Software

[Uninstalling the printer driver and EPSON Status Monitor 3](#)

When you wish to reinstall or upgrade the printer driver, uninstall the printer driver that has been installed already.

Note:

When uninstalling EPSON Status Monitor 3 from a multi-user Windows XP/2000 environment, remove the shortcut icon from all clients before uninstalling. You can remove the icon by clearing the Shortcut Icon check box in the Monitoring Preferences dialog box.

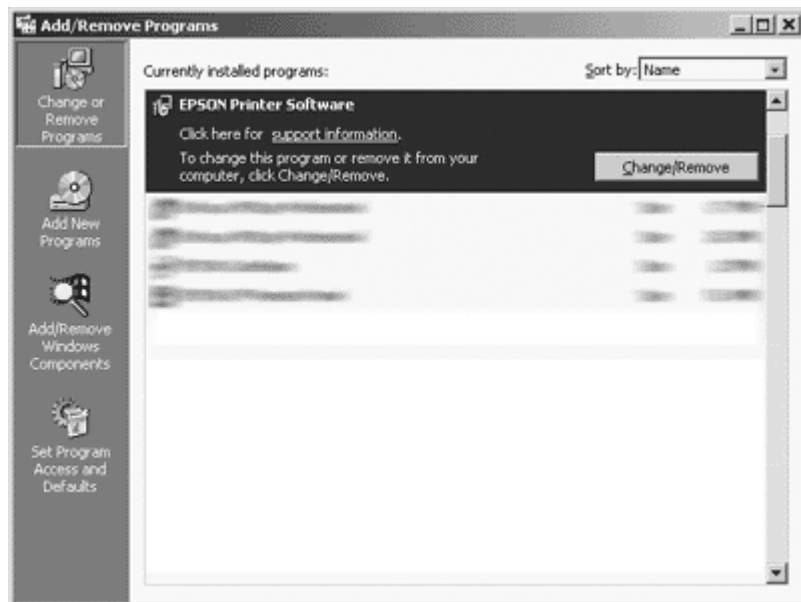
Uninstalling the printer driver and EPSON Status Monitor 3

- 1 Quit all applications.
- 2 For Windows Vista or XP, click **Start**, and then select **Control Panel**.

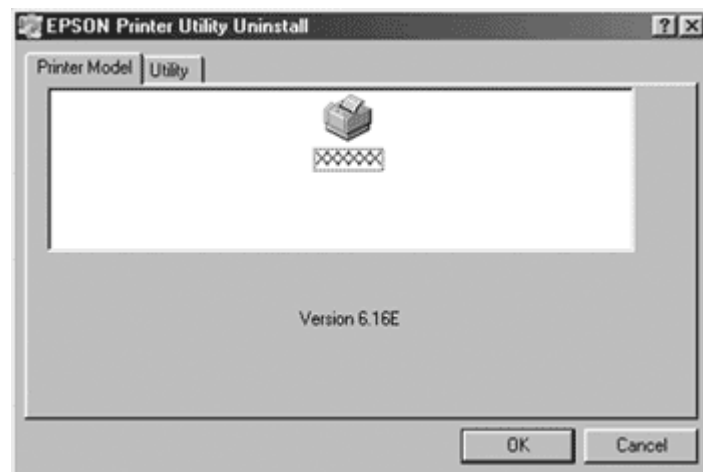
For Windows 2000, Me, 98, 95, or Windows NT 4.0, click **Start**, point to **Settings**, and click **Control Panel**.
- 3 Click **Uninstall a program** (Windows 7 or Vista) or double-click the **Add or Remove Programs** icon (Windows XP, 2000, or Windows NT 4.0) or **Add/Remove Programs** icon (Windows Me, 98, or 95).



- Click **Change or Remove Programs**, select the **EPSON XXXXXX ESC/P2 Printer Utility Uninstall** (Windows 7, Vista, or XP (x64)) or **EPSON Printer Software** (Windows XP (x86), 2000, Me, 98, 95, or Windows NT 4.0), then click **Uninstall/Change** (Windows 7), **Change/Remove** (Windows Vista, XP, or 2000), or **Add/Remove** (Windows Me, 98, 95, or Windows NT 4.0).



- 5 Click the **Printer Model** tab, select the icon of the printer you want to uninstall, then click **OK**.



- 6 If you uninstall Monitored Printers, click **Yes** in the displayed dialog box.

 Note:

You can uninstall only the Monitored Printers utility of EPSON Status Monitor 3. When the utility is uninstalled, you cannot change the setting of Monitored Printers from EPSON Status Monitor 3.

- 7 If you uninstall EPSON Status Monitor 3, click **Yes** in the displayed dialog box.

- 8 Follow the on-screen instructions.

Using the Error Indicators



Home > Problem Solver

Using the Error Indicators

You can identify many common printer problems using the lights on the control panel. If your printer stops working and one or more control panel lights are on or flashing or the printer beeps, use the following table to diagnose and fix the problem. If you cannot fix your problem using this table, see [Problems and Solutions](#).

Panel light state	Beep pattern	Problem
		Solution
☐ Power ☐ Pause ☐ Paper Out	• • •	No paper is loaded in the selected paper source.
		Load paper in the selected paper source; the Paper Out and Pause lights go off and the printer resumes printing.
☐ Power ☐ Pause ☐ Paper Out	• • •	Paper is not loaded correctly.
		Remove and reload your paper correctly, then press the Pause button. See Loading Continuous Paper , Loading Single Sheets , or Loading Special Paper for paper-loading instructions.
	• • •	Continuous paper is not fully ejected.
		Tear off the paper and press the Load/Eject button to eject the paper.
	• • •	Single sheet paper is not fully ejected.
		Press the Load/Eject button to eject the sheet.
☐ Power ☐ Pause ☒ Paper Out	• • •	The paper release lever is set to the wrong position.
		Set the paper release lever to the position for the paper source you want to use. If paper from another paper source is currently in the paper path, press the Load/Eject button to eject the paper; then move the paper release lever to the desired position.
☐ Power ☐ Pause ☐ Paper Out	• • • • •	An unknown printer error has occurred.
		Turn off the printer and leave it off for several minutes; then turn it on again. If the error reoccurs, contact your dealer.
☐ Power ☐ Pause ☒ Paper Out	-	The print head is overheated.
		Wait for a few minutes; the printer resumes printing automatically once the print head cools.

- ☐ = on, ☒ = off, ☐ = flashing

• • • = short series of beeps (three beeps)

• • • • • = long series of beeps (five beeps)

Note:

The printer beeps once if you press a control panel button when the corresponding function is not available.

Problems and Solutions



LQ-630

EXCEED YOUR VISION



[Home](#) > [Problem Solver](#)

Problems and Solutions

-  [Power Supply](#)
-  [Printing](#)
-  [Paper Handling](#)
-  [Network problems](#)

Most problems you may encounter while operating your printer have simple solutions.

You can also use the self test to determine whether the printer or the computer is causing the problem. See [Printing a Self Test](#) for instructions on printing a self test.

To pinpoint communication problems, experienced users may want to use the printer’s hex dump mode, described on [Printing Hex Dump](#).

To clear a paper jam, see [Clearing a Paper Jam](#).

Power Supply

Power is not being supplied

The lights on the control panel do not go on.	
Cause	What to do
The power cord may be unplugged.	Check that the power cord is properly plugged into the electrical outlet.
The outlet may not be operating.	If the electrical outlet is controlled by an outside switch or automatic timer, use a different outlet. Plug another electrical device, such as a lamp, into the outlet to determine whether the outlet is operating properly.
The lights come on briefly and then go off. The lights stay off even when the power is turned on again.	
Cause	What to do
The voltage ratings of the printer and electrical outlet may not match.	Check that the printer’s voltage rating matches the voltage of your electrical outlet. If the voltages do not match, unplug the printer and contact your dealer immediately. Do not reconnect the power cord to an electrical outlet.
The printer does not work and the control panel lights are off.	
Cause	What to do
The printer is turned off.	Turn on the printer. The Power light comes on.
The power cord is not properly plugged into the electrical outlet; or if your power cord is not permanently attached to your printer, the power cord is not properly plugged into the printer.	Turn off the printer and make sure the power cord is firmly plugged into the electrical outlet and the printer. Then turn on the power switch.
The electrical outlet is controlled by an outside switch or automatic timer.	Use a different outlet.
The electrical outlet does not work.	Plug another electrical device, such as a lamp, into the outlet to check if the outlet is working properly. If it is not, use a different outlet.

Printing

Printing or printout quality problems

The Pause light is off but the printer does not print.	
Cause	What to do
The interface cable is not plugged in securely.	Check that both ends of the cable between the printer and the computer are plugged in securely. If the cable is connected correctly, run a self test as described in Printing a Self Test .
Your interface cable does not meet the printer and/or computer specifications.	Use an interface cable that meets the requirements of both the printer and computer. See the <i>Setup Sheet</i> and your computer documentation.
Your software is not properly set up for your printer.	Make sure that your printer is properly selected in your application software. If necessary, install or reinstall the printer driver software. Refer to the <i>Setup Sheet</i> for detailed instruction.
The Paper Out and Pause lights are on and the printer does not print.	
Cause	What to do
The printer is out of paper for the selected paper source.	Make sure the correct paper source is selected by the paper release lever, and load paper in the current paper source. Press the Pause button to resume printing.
Paper on the paper guide is positioned too far to the left, right or inside for the paper sensor to detect it.	Move the paper a little to the right, left or inside. When it is positioned properly, the Paper Out and Pause lights go off.
The printer sounds like it is printing, but nothing prints.	
Cause	What to do
The ribbon cartridge is not installed properly.	Reinstall the ribbon cartridge as described in Replacing the Ribbon Cartridge .
The ribbon is worn out.	Replace the ribbon cartridge as described in Replacing the Ribbon Cartridge .
The paper source is not selected correctly.	Select the desired paper source. See Selecting a Paper Source for more information.
The printer makes a strange noise and stops abruptly.	
Cause	What to do
The paper is jammed.	Clear the paper jam as described in Clearing a Paper Jam .
The ribbon is jammed because it has too much slack or it is worn out.	Remove any slack from the ribbon by turning the ribbon-tightening knob, or replace the ribbon cartridge. See Replacing the Ribbon Cartridge for more information.
The printer stops printing and the Pause light flashes and the Power light is on.	
Cause	What to do
The print head is overheated.	Wait for a few minutes; the printer resumes printing automatically once the print head cools.
Part of the printout is missing, or dots are missing in random positions.	
Cause	What to do
The ribbon cartridge is not installed properly.	Reinstall the ribbon cartridge as described in Replacing the Ribbon Cartridge .
There is too much slack in the ribbon or the ribbon has come loose.	Remove any slack in the ribbon by turning the ribbon-tightening knob, or replace the ribbon cartridge as described in Replacing the Ribbon Cartridge .
Lines of dots are missing in the printout as shown below.	
	
Cause	What to do
The ribbon cartridge is not installed correctly, and the ribbon is twisting or slackening.	Stop printing and reinstall the ribbon cartridge as described Replacing the Ribbon Cartridge .
The print head is damaged.	Print the printer's default settings to check the condition of the print head. See Changing default settings for instructions on how to print the printer's default settings. If there are any missing segments in the check pattern printed at the top of the printer's default settings, the print head is damaged. Contact your dealer to have the print head replaced. Warning: Never try to replace the print head yourself because other parts of the printer must be checked at the same time.
The characters are shortened vertically or the line spacing is entirely closed.	
Cause	What to do

The proper setting has not been made for the multipart forms with cut-paper tab binding.	Set the multipart forms with cut-paper tab binding setting in the default-setting mode to on.
Incorrect characters are printed.	
Cause	What to do
Your printer and the computer may not be communicating correctly.	Make sure that you use the correct interface cable and that the communications protocol is correct. Refer to the <i>Setup Sheet</i> and your computer documentation. If you installed the optional interface card, also see the Administrator's Manual packaged with it.
The wrong character table is selected in your software.	Select the correct character table in your software or the printer's default settings. Note that the character table setting in your software overrides the settings made in the default-setting mode.
The font or characters set in your application software cannot be printed.	
Cause	What to do
Your application software is not correctly configured for your printer.	Make sure that your application software is correctly configured for your printer. See your application documentation.
The printer does not print the font you selected in the default settings.	
Cause	What to do
Software settings override settings you make in the default settings.	Use your software to select the font.
Printing starts too high or too low on the page.	
Cause	What to do
The paper size settings in your application software do not match the size of the paper loaded in the printer.	Change the paper size settings in your application software or printer driver to match the size of the paper you are using.
The top margin or loading position setting is incorrect.	Check and adjust the top margin and loading position settings in your software, or adjust the top-of-form position using the Micro Adjust function. See Recommended printable area and Adjusting the top-of-form position for more information. However, settings made in Windows applications override settings made on the control panel.
Top margin and loading position settings made in your Windows applications override settings you make in the SelectType mode.	Use your application software to make these settings. Note: If you want to eliminate the top margin and print at the very top of the page, adjust the top margin in your Windows application little by little until text is printed at the very top of the page.
Pull the loaded paper out of the tractor unit while the printer is on. Or pull out paper that is not ejected completely after pressing the Load/Eject button.	Turn the printer off and remove the loaded paper, then turn the printer on and reload the paper.
All the text is printed on the same line.	
Cause	What to do
No line feed command is sent at the end of each line of text.	Turn on the auto line feed option in the default-settings mode, so that the printer automatically adds a line feed code to each carriage return. See Changing default settings for more information.
The printout has extra blank lines between lines of text.	
Cause	What to do
Two line feed commands are being sent at the end of each line of text.	Turn off the auto line feed option in the default-settings mode. See Changing default settings for more information.
The line space setting in your application software is incorrect.	Adjust the line space setting in your application software.
The length of the printing on the page does not match your paper length.	
Cause	What to do
The paper size setting in your application or the printer driver may not match the size of the paper you are using.	Check the paper size setting in your application or the printer driver.
The printer's page length setting for the tractor may not match the size of the continuous paper you are using.	Check Page length for tractor of the printer's default settings. See Changing default settings for more information.
Printing starts lower on the page than you expect, or the bottom of a page is printed at the top of the next page.	
Cause	What to do
The lines-per-page, top and bottom margin, or form length setting is incorrect.	Adjust these settings in your application software, as follows: If your application software has a lines-per-page setting, set it to 66 for letter size paper or 70 for A4 size paper. If your software does not have a lines-per-page setting, try decreasing the top margin or increasing the bottom margin, or both, until you get the results you want. Adjust the form length setting if your software has this option.
Vertical printed lines are not aligned.	

Cause	What to do
Bidirectional printing, which is the printer's standard printing mode, may be out of alignment.	Use the printer's bidirectional adjustment mode to correct this problem. See Aligning Vertical Lines in Your Printout for more information.

Printing position problems

Your printing appears too high or low on the page.	
Cause	What to do
The paper size setting in your application software or printer driver does not match the size of the paper you are using.	Check the paper size setting in your application or printer driver.
The printer's page length setting for the tractor does not match the size of the continuous paper you are using.	Change Page length for tractor setting using the printer's default-setting mode. See Changing default settings for more information.
The top margin or top-of-form position setting is incorrect.	Check and adjust the margin or top-of-form position settings in your application software. See Recommended printable area for more information. You can also adjust the top-of-form position using the Micro Adjust function. However, settings made in Windows applications override settings made in the Micro Adjust mode. See Adjusting the top-of-form position for more information.
The printer driver settings you want to use are not selected in your software.	Choose the correct printer driver setting from the Windows desktop or in your application before printing.
Pull the loaded paper out of the tractor unit while the printer is on. Or pull out paper that is not ejected completely after pressing the Load/Eject button.	Turn the printer off and remove the loaded paper, then turn the printer on and reload the paper.
The printer prints on (or too far away from) the perforation of your continuous paper.	
Cause	What to do
The tear-off position setting is incorrect.	Adjust the tear-off position using the Micro Adjust function. See Adjusting the tear-off position for more information.
The printer you want to use is not selected in your software.	Choose the correct printer from the Windows desktop or in your application before printing.
The paper size setting in your application or printer driver does not match the size of the paper you are using.	Check the paper size setting in your application or printer driver.
The printer's page length setting for the tractor does not match the size of the paper you are using.	Change Page length for tractor setting using the printer's default-setting. See Changing default settings for more information.
Pull the loaded paper out of the tractor unit while the printer is on. Or pull out paper that is not ejected completely after pressing the Load/Eject button.	Turn the printer off and remove the loaded paper, then turn the printer on and reload the paper.

Top 

Paper Handling

Single sheets do not feed properly

Paper does not feed.	
Cause	What to do
Continuous paper is in the paper path.	Press the Load/Eject button to remove the continuous paper. Set the paper release lever to the single-sheet feeding position and insert a new sheet. See Switching to single sheets for more information.
The paper source is set to tractor feeding.	Set the paper release lever to the single-sheet feeding position. See Setting the paper release lever .
The paper on the paper guide is positioned too far to the left or right for the printer to detect that it is there.	Move the paper (and the edge guides) a little to the left or right.
Paper feeding is crooked or the paper jams.	
Cause	What to do

The paper was not fed correctly or is of the wrong type.	Turn off the printer and pull out the paper. Insert a new sheet straight into the paper guide. Make sure you're using the right type of paper. See the paper specifications under Paper .
The paper guide is not properly installed.	Remove the paper guide and install it as described in the <i>Setup Sheet</i> .
The edge guide is not positioned correctly.	Move the edge guide so that they match the width of your paper.
You may not be using the right type of paper for the printer.	Be sure you are using the right type of paper. See Paper .
The paper is old or creased.	Use only new, clean sheets of paper. Note: If paper is jammed in the paper path, see Clearing a Paper Jam .
The paper-thickness lever is set incorrectly.	Set the paper-thickness lever to match the thickness of your paper. See Adjusting the Paper Thickness Lever .
Paper does not eject completely.	
Cause	What to do
You may not be able to fully eject your paper using the LF/FF button.	Use the Load/Eject button to eject the paper.
The paper may be too long.	Press the LF/FF button to eject the page. Use paper that is within the specified range. See the paper specifications in Paper .
When the printer ejects the paper, the Paper Out light flashes and the Power and Pause lights come on.	
Cause	What to do
The printer has not fully ejected your paper.	Remove the paper by hand; the Paper Out light goes out. If you are printing a multiple-page document, insert a new sheet of paper into the paper guide. The Pause light goes out and the printer automatically loads the paper and resumes printing.

Continuous paper does not feed properly

The tractor does not feed the paper.	
Cause	What to do
The paper source is set to single-sheet feeding.	Set the paper release lever to the tractor feeding position. See Setting the paper release lever for more information.
The paper may have come off the tractor.	Reattach the paper to the tractor as described in Loading Continuous Paper .
The paper has been fed back to the standby position.	Press the Load/Eject button to load the paper.
The tear-off position setting is incorrect.	Adjust the tear-off position using the Micro Adjust function. See Adjusting the tear-off position for more information.
Paper feeding is crooked or the paper jams.	
Cause	What to do
The paper supply is obstructed.	Make sure the paper supply is not obstructed by a cable or some other object.
The paper supply is too far away from the printer.	Make sure that your paper supply is within 1 meter (3 feet) of the printer.
The paper supply is not aligned with the printer.	Make sure you align your paper supply with the paper loaded in the tractor so the paper feeds smoothly into the printer. See Positioning your continuous paper supply .
The holes on the sides of the paper are misaligned.	Check that the holes on the sides of the paper are aligned with each other. Also make sure the sprocket units are locked and their covers are closed.
The paper-thickness lever is set incorrectly.	Set the paper-thickness lever to match the thickness of your paper. See Adjusting the Paper Thickness Lever .
Your paper may be the wrong size or thickness for the printer.	Make sure that the paper size and thickness are within the specified ranges. See Paper for information on the continuous paper specifications.
The paper supply is not aligned with the printer.	Make sure you align your paper supply with the paper loaded in the tractor so the paper feeds smoothly into the printer. See Positioning your continuous paper supply .
The sprocket units are positioned incorrectly for the width of paper you are using.	Adjust the position of the sprockets to remove any slack along the width of the paper. Note: If paper is jammed in the paper path, see Clearing a Paper Jam for instructions.
The paper does not eject properly.	
Cause	What to do

Your paper may be too long or too short.	Make sure the page length of your paper is within the specified range. See Paper for information on the continuous paper specification.
You may be trying to feed too much paper backward.	If you are using normal continuous paper, tear off the last printed page and press the Load/Eject button to feed the paper backward. If you are using labels, tear off the paper entering the printer, and then press the LF/FF button to feed the labels forward.
The paper size setting in your application or the printer driver may not match the size of the paper you are using.	Check the paper size setting in your application or the printer driver.
The printer's page length setting for the tractor may not match the size of the continuous paper you are using.	Check Page length for tractor of the printer's default settings. See Changing default settings for more information.
Paper is jammed inside the printer.	Clear the paper jam as described in Clearing a Paper Jam .
When you send data or press the Load/Eject button, the paper feed roller rotates but the printer does not feed the paper.	
Cause	What to do
The paper source is set to single-sheet feeding.	Set the paper release lever to the tractor feeding position. See Setting the paper release lever for more information.

[Top](#) 

Network problems

A communication error occurs	
Cause	What to do
Are multiple users are logged into a single computer at the same time?	On a Windows 7, Vista, or XP (x64) system with multiple users, a communication error may occur when switching to a new user and starting a new print job while the previous user is still printing. Make sure that the print job for the first user is complete and that user is logged off before switching to a new user and starting a new print job.
You are unable to monitor the shared printer using EPSON Status Monitor 3	
Cause	What to do
Are you using a Windows 7, Vista, or XP (x64) print server with a client set up for an operating system (Windows 95/98/Me/NT4.0/2000) which is older than Windows XP (32-bit)?	When using an operating environment with this combination, the error window for EPSON Status Monitor 3 may not pop up on the client when an error occurs. Please keep EPSON Status Monitor 3 running when using the printer.

[Top](#) 

Correcting USB Problems



[Home](#) > [Problem Solver](#)

Correcting USB Problems

- [Make sure that your computer is a Windows 7, Vista, XP, 2000, Me, or 98 pre-installed model](#)
- [Make sure that EPSON USB Printer Devices appears on the Device Manager menu \(for Windows Me and 98 only\)](#)
- [Printer does not work correctly with the USB cable](#)

If you are having difficulty using your printer with a USB connection, read the information in this section.

Make sure that your computer is a Windows 7, Vista, XP, 2000, Me, or 98 pre-installed model

Your computer must be a Windows 7, Vista, XP, 2000, Me, or 98 pre-installed model. You may not be able to install or run the USB printer driver on a computer which is not equipped with a USB port or which has been upgraded from Windows 95 to Windows Vista, XP, 2000, Me, or 98.

For details about your computer, contact your dealer.

[Top](#)

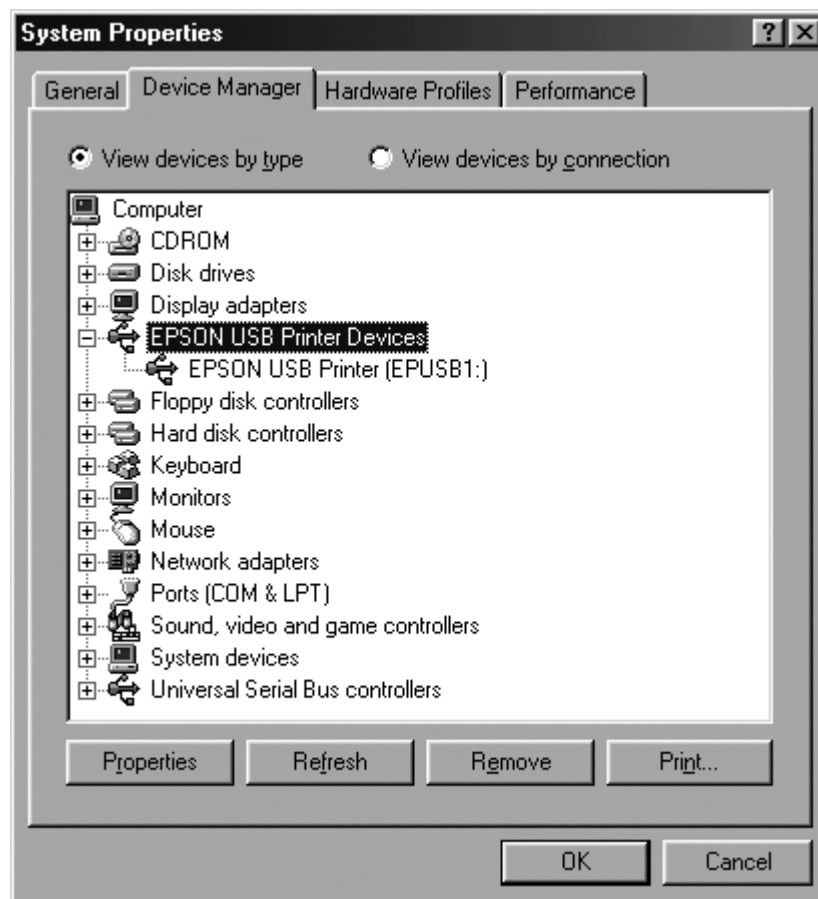
Make sure that EPSON USB Printer Devices appears on the Device Manager menu (for Windows Me and 98 only)

If you canceled the plug-and-play driver installation before the procedure was complete, either the USB printer device driver or the printer driver may be incorrectly installed.

Follow these steps to check the installation and reinstall the drivers:

- 1** Turn the printer on, and plug the USB cable into the printer and the computer.
- 2** Right-click the **My Computer** icon on your desktop, then click **Properties**.
- 3** Click the **Device Manager** tab.

If your drivers are correctly installed, **EPSON USB Printer Devices** should appear on the Device Manager menu.



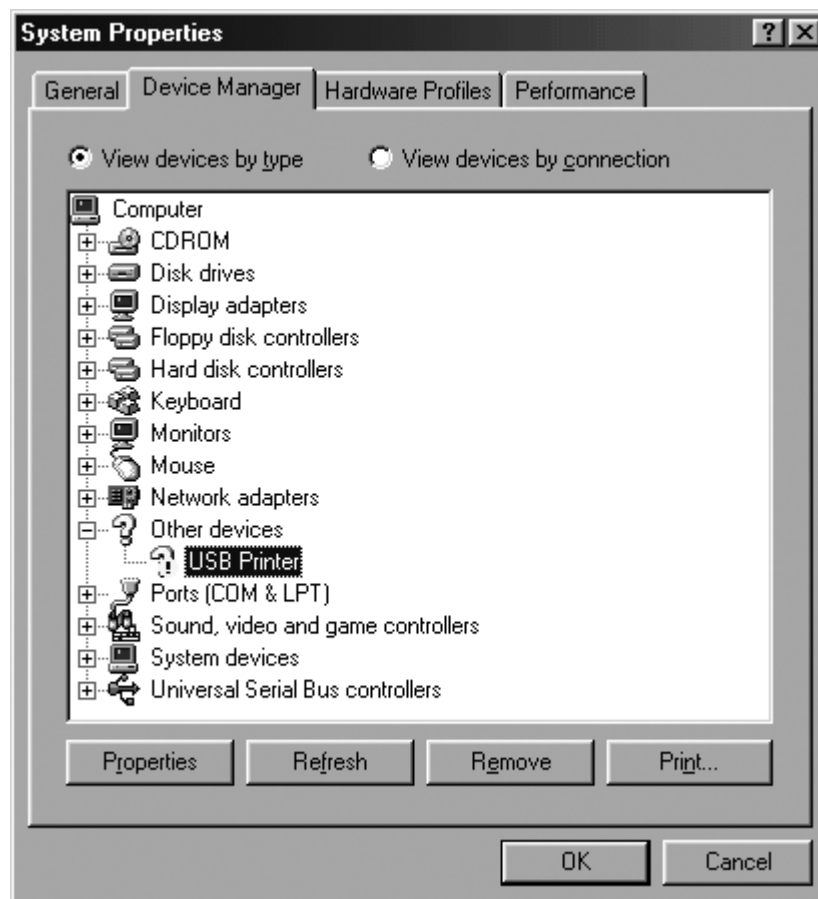
If **EPSON USB Printer Devices** does not appear on the Device Manager menu, click the plus (+) sign beside **Other devices** to view the installed devices.



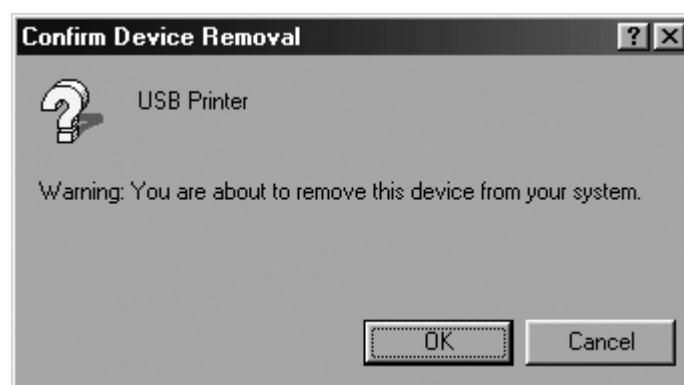
If **USB Printer** appears under **Other devices**, the USB printer device driver is not installed correctly. If **EPSON LQ-630** appears, the printer driver is not installed correctly.

If neither **USB Printer** nor **EPSON LQ-630** appears under **Other devices**, click **Refresh** or unplug the USB cable from the printer, then plug it into the printer again.

4 Under **Other devices**, select **USB Printer** or **EPSON LQ-630** and click **Remove**. Then, click **OK**.



- 5 When the following dialog box appears, click **OK**. Then click **OK** again to close the System Properties dialog box.



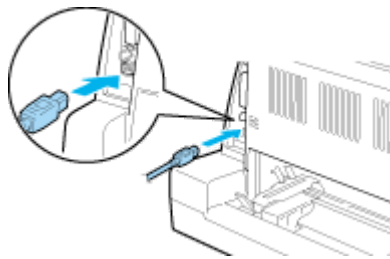
- 6 Turn off the printer and restart your computer. Then, reinstall the drivers from the beginning, following the instructions in *Setup Guide*.

[Top](#)

Printer does not work correctly with the USB cable

If your printer does not work correctly with the USB cable, try one or more of these solutions:

- Make sure that the cable you are using is a standard, shielded USB cable.
- If you are using a USB hub, connect the printer to the first tier of the hub, or connect the printer directly to the computer's USB port.
- For Windows Me and 98, try reinstalling the USB printer device driver and the printer software. First, uninstall **EPSON Printer Software** using the Add/Remove Programs utility in the Control Panel, then uninstall **EPSON USB Printer Devices**. Next, reinstall the software as described in the *Setup Sheet*. If **EPSON USB Printer Devices** is not registered in the Add/Remove Programs list, access the CD-ROM and double-click **epusbun.exe** in WinMe or Win98 folder. Then follow the on-screen instructions.



Clearing a Paper Jam



[Home](#) > [Problem Solver](#)

Clearing a Paper Jam

Follow these steps to clear a paper jam:

Caution:

Do not pull the jammed paper when the printer is on.

- 1 Turn off the printer.
- 2 Open the printer cover.
- 3 If continuous paper is jammed in the printer, tear off the fresh supply at the back of the printer.
- 4 Open the paper bail and remove the paper. Remove any remaining pieces of paper.
If the paper is stuck where the printer ejects it, gently pull the paper out of the printer.
- 5 Close the paper bail and printer cover, then turn on the printer. Make sure the **Paper Out** and **Pause** lights are off.

Aligning Vertical Lines in Your Printout



[Home](#) > [Problem Solver](#)

Aligning Vertical Lines in Your Printout

If you notice that the vertical lines in your printout are not properly aligned, you can use the printer's bidirectional adjustment mode to correct this problem.

During bidirectional adjustment, the printer prints three sheets of alignment patterns, Draft, Bit Image, and LQ (letter quality). Select the best alignment pattern from each sheet to align vertical lines.

Follow the steps below to perform bidirectional adjustment.

Note:

- To print the instruction sheet and alignment patterns, you need four sheets of A4 size single-sheet paper or 10-inch (recommended) continuous paper. (See [Loading Continuous Paper](#) or [Loading Single Sheets](#) for paper-loading instructions.)
- If you use single-sheet paper, be sure to load a new sheet of paper each time the printer ejects a printed sheet. Otherwise, you cannot proceed to the next step.

1 When using continuous paper, make sure paper is loaded and the printer is turned off.

Caution:

Whenever you turn off the printer, wait at least five seconds before turning it back on; otherwise you may damage the printer.

2 While holding down the **Pause** button, turn on the printer.

The printer enters the bidirectional adjustment mode. When using continuous paper, the printer prints the instruction sheet and the first set of alignment patterns.

3 When using single-sheet paper, load paper in the printer. The printer prints the instruction sheet and the first set of alignment patterns.

4 As described in the instructions, compare the alignment patterns and select the number of the pattern with the best alignment using the **LF/FF**  and **Load/Eject**  buttons. The **Power**, **Pause** and **Paper Out** lights show the pattern number which is selected at that time.

5 Press the **Pause** button. The printer prints the next set of alignment patterns.

6 Repeat steps 3 and 4 to select and enter the number of the pattern with the best alignment for each of the remaining sets.

7 Turn off the printer to exit the bidirectional adjustment mode.

Printing a Self Test



[Home](#) > [Problem Solver](#)

■ Printing a Self Test

Running the printer's self test helps you determine whether the printer or the computer is causing the problem:

- If the self test results are satisfactory, the printer is working properly and the problem is probably caused by your printer driver settings, application settings, computer, or interface cable. (Be sure to use a shielded interface cable.)
- If the self test does not print properly, there is a problem with the printer. See [Problems and Solutions](#) for possible causes and solutions to the problem.

You can print the self test using either single sheets or continuous paper. See [Loading Continuous Paper](#) or [Loading Single Sheets](#) for paper-loading instructions.

Follow these steps to perform a self test:

- 1 When using continuous paper, make sure paper is loaded, and the paper release lever is set to the correct position. Then turn off the printer.

Caution:

Whenever you turn off the printer, wait at least five seconds before turning it back on; otherwise you may damage the printer.

- 2 To run the test using the Draft font, turn on the printer while holding down the **LF/FF** button. To run the test using the printer's letter-quality fonts, turn on the printer while holding down the **Load/Eject** button. Either self test can help you determine the source of your printing problem; however, the draft self test prints faster than the letter-quality test.

- 3 When using single-sheet paper, load paper in the printer.

After a few seconds, the printer loads the paper automatically and begins printing the self test. A series of characters is printed.

Note:

To temporarily stop the self test, press the **Pause** button. To resume the test, press the **Pause** button again.

- 4 To end the self test, press the **Pause** button to stop printing. If paper remains in the printer, press the **Load/Eject** button to eject the printed page. Then turn off the printer.

Caution:

Do not turn off the printer while it is printing the self test. Always press the **Pause** button to stop printing and the **Load/Eject** button to eject the printed page before you turn off the printer.

Printing Hex Dump



LQ-630

EXCEED YOUR VISION



[Home](#) > [Problem Solver](#)

■ Printing Hex Dump

If you are an experienced user or a programmer, print a hexadecimal dump to isolate communication problems between the printer and your software program. In hex dump mode, the printer prints all data it receives from the computer as hexadecimal values.

Follow these steps to print a hex dump:

 **Note:**

The hex dump feature is designed for a connection with DOS-based PC.

- 1 When using continuous paper, make sure that the paper is loaded and the printer is turned off.
- 2 To enter hex dump mode, turn on the printer while holding down both the **LF/FF** and **Load/Eject** buttons.
- 3 When using A4 (210 × 297 mm, 8.3 × 11.7 inches) or wider (such as letter size paper) single-sheet paper, load paper in the printer.
- 4 Open a software program and send a print job to the printer. Your printer prints all the codes it receives in hexadecimal format.

```
1B 40 20 54 68 69 73 20 69 73 20 61 6E 20 65 78 .@ This is an ex
61 6D 70 6C 65 20 6F 66 20 61 20 68 65 78 20 64 ample of a hex d
75 6D 70 20 70 72 69 6E 74 6F 75 74 2E 0D 0A ump printout...
```

By comparing the characters printed in the right column with the printout of the hexadecimal codes, you can check the codes being received by the printer. If characters are printable, they appear in the right column as ASCII characters. Nonprintable codes, such as control codes, are represented by dots.

- 5 To exit the hex dump mode, press the **Pause** button and eject the printed page(s), and turn off the printer.