

Product Support Bulletin

Subject: AP-2250 Commonly Asked Questions and Answers

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Originator: LHT

This bulletin answers some commonly asked questions about the AP-2250 printer. The questions and answers are listed below.

QUESTIONS AND ANSWERS ON THE AP-2250

1. Q. What is the AP-2250 printer?
 - A. The AP-2250 is Epson's first narrow carriage light duty printer specifically designed to meet the unique needs of the entry-level home computer user. Listed below are some of the key features of the AP-2250 printer:
 - ESC/P code compatible
Small size and small footprint
Built-in 50 sheet auto sheet feeder
Simple two button control panel
Easy set-up, no DIP switches
 - Gap free mechanism (paper thickness lever is not needed)
Two draft fonts and two letter quality fonts
5 characters code table, 13 international characters sets

2. Q. Why is a ON-LINE or PAUSE button not present on the AP-2250 front panel?
 - A. The AP-2250 printer was designed to be as easy to use as possible. Because of this, the AP-2250 was designed without any unnecessary buttons. The AP-2250 automatically goes into a ready condition after being powered on.

3. Q. What are the product codes for AP-2250 options and supplies?
 - A. S015047 Fabric Ribbon Cartridge
C800262 Push Tractor

4. Q. What is the advantage of purchasing an optional Push Tractor?
 - A. The optional Push Tractor allows the AP-2250 to use continuous narrow paper while still maintaining the ability to use the AP-2250's built-in single sheet paper cassette. When using the optional push tractor, the AP-2250 can accept a two part carbonless multi-part form with a total thickness up to 0.18mm.

5. Q. With which interface does the AP-2250 come standard?
 - A. The AP-2250 comes standard with a built-in Centronics compatible parallel interface.

6. Q. How do I use the AP-2250 to operate with serial communications?
 - A. The AP-2250 only operates with parallel communications.

7. Q. If a printer driver selection is not shown for the AP-2250 in my application software programs, which printer driver selection should I choose?
 - A. The recommended printer driver selections for the AP-2250 are listed below in order from best to worst.

AP-2250
LX-810/850
LX-800
LX-86
LX-80
FX-850
FX-86e/800
EX-800
FX-85
FX-80+
FX-80

To take full advantage of the AP-2250's features, choose one of the first three printers listed above. If none of these printer selections are available from within your application software, contact your software manufacturer to determine whether they offer a printer driver update or if they plan to make one available in the future.

8. Q. Does the AP-2250 use DIP switches?
 - A. No, the AP-2250 does not use DIP switches. The various features settings are selected through use of the two buttons on the printer's front panel.

9. Q. Can the AP-2250 print on labels?
 - A. Yes, the AP-2250 can print on labels. The optional pull tractor is used to load continuous labels.

10. Q. Can the AP-2250 print on envelopes?
 - A. Yes, the AP-2250 can print on envelopes. The envelopes are loaded at the rear of the printer by using the printer's manual insertion slot. (Note: The printer must be placed in the upright position first.)

11. Q. Can the AP-2250 print on legal size paper?
 - A. Yes, the AP-2550 can print on legal paper. Legal size paper is loaded at the rear of the printer by using the printer's manual insertion slot. (Note: The printer must be placed in the upright position first.)

12. Q. Can the AP-2250 print in landscape orientation?
 - A. Yes, but the AP-2250 requires the use of a software application program because landscape characters are not included in its built-in characters set. Two very popular software application programs for printing in the landscape mode are Sideways and Always.

13. Q. Can different fonts be selected on the AP-2250's front panel?
 - A. Yes, different fonts may be selected from the AP-2250's front panel by using the FONT button. However, all font selections made from the front panel can be overridden by a software application program. The recommended method to select fonts is through the program that you are using to print. If the program does not provide font selection abilities, then the printer's font panel is very useful.

14. Q. Why is the AP-2250's parallel cable connector located on the side of the printer instead of the rear like most other printer?
 - A. Since the AP-2250 may be operated in two different positions, it was necessary to relocate the parallel cable connector to the side of the printer.

15. Q. Why does the AP-2250 produce two (2) long and two (2) short beeps when first power-on?
 - A. The AP-2250 produces these beeps at power-on to indicate that it has completed its power-on initialization process and is ready to print.

Product Support Bulletin

Subject: Quick Reference for Current Dot-Matrix Printer Print Speeds

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9-PIN PRINTERS

Model	Draft 10 CPI	Draft 12 CPI	High-Speed Draft 10 CPI	NLQ 10 CPI	NLQ 12 CPI
AP-2250	200 CPS	240 CPS	n/a	40 CPS	48 CPS
LX-810	200 CPS	240 CPS	n/a	40 CPS	48 CPS
FX-870/1170	285 CPS	342 CPS	380 CPS	57 CPS	68 CPS
DFX-5000	400 CPS	480 CPS	533 CPS	80 CPS	96 CPS
DFX-8000	800 CPS	960 CPS	1066 CPS	160 CPS	192 CPS

24-PIN PRINTERS

Model	Draft 10 CPI	Draft 12 CPI	High-Speed Draft 10 CPI	LQ 10 CPI	LQ 12 CPI
AP-3250	167 CPS	200 CPS	n/a	60 CPS	72 CPS
LQ-570/1070	210 CPS	252 CPS	225 CPS	70 CPS	84 CPS
LQ-860	246 CPS	295 CPS	300 CPS	82 CPS	98 CPS
LQ-870/1170	275 CPS	330 CPS	300 CPS	92 CPS	110 CPS
LQ-2550	333 CPS	400 CPS	n/a	111 CPS	133 CPS

GLOSSARY OF TERMS

CPI: Characters Per Inch

CPS: Characters Per Second

Draft: Draft uses a minimum number of dots per character for high-speed printing.

Elite: 12 Characters Per Inch (12 CPI)

Pica: 10 Characters Per Inch (10 CPI)

LQ: Letter Quality reduces the print speed and increases the number of dots per character to increase the print quality. (24-pin printers only)

NLQ: Near Letter Quality reduces the print speed and increase the number of dots per character to increase the print quality. NLQ printing requires two passes per character. (Q-pin printers only)

Product Support Bulletin

Subject: Quick Reference for 9/24 Pin Printer Paper Specifications

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This PSB provides a quick reference for the paper specifications on Epson's current line of Q-pin and 24-pin dot-matrix printers when using continuous paper. The 'Maximum No. of Copies' is the maximum allowable number of copies when using continuous multi-part carbonless paper. The "Total" number is the maximum allowable number of copies including the original. The 'Maximum Total Thickness' is the maximum allowable total thickness including the original plus any copies.

9-PIN PRINTERS

Model	Orig. + Maximum No. of Copies	Total	Maximum Total Thickness
AP-2250 .	1 2	3	0.0098" (0.25mm)
LX-810	1 2	3	0.0098" (0.25mm)
FX-870/1170	1 3	4	0.0126" (0.32mm)
DFX-5000 (Front Tractor)	1 5	6	0.018" (0.46mm)
(Rear Tractor)	1 3	4	0.012" (0.30mm)
DFX-8000 (Front Tractor)	1 5	6	0.018" (0.46mm)
(Rear Tractor)	1 3	4	0.012" (0.30mm)

24-PIN PRINTERS

Model	Orig. + Maximum No. of Copies	Total	Maximum Total Thickness
AP-3250 *	1 1	2	0.0071" (0.18mm)
LQ-570/1070	1 3	4	0.0126" (0.32mm)
LQ-860	1 3	4	0.0126" (0.32mm)
LQ-870/1170	1 3	4	0.0126" (0.32mm)
LQ-2550	1 5	6	0.018" (0.46mm)

* Note: The AP-2250 and AP-3250 require an optional push tractor to use continuous paper.