



AppleImageWriterLQ

Ordering

Apple ImageWriter LQ
OrderNo.A9M0340

With your order, you'll receive:

- Apple ImageWriter LQ printer
- Powercord
- Ribbon (black)

- Printer resource and Macintosh fonts on 800K disks
- User's guide
- Limited warranty statement

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You will also need one of the following connector cables:

- Apple System Peripheral 8 Cable (for Apple IIgs® Apple IIc Plus and Macintosh, except Macintosh 512K Enhanced) Order No. M0197

- Macintosh Peripheral-8 Cable (for a Macintosh 512K Enhanced) Order No. M0196

- Apple II Printer-8 Cable (for an Apple IIe) Order No. A9C0314

- LocalTalk Locking Connector Kit DIN-8 (for use over an AppleTalk network with the Image-Writer AppleTalk Option installed) Order No. M2068

Optional Accessories

ImageWriter II/LQ
AppleTalk Option
OrderNo.A9B0313

ImageWriter LQ Color
Ribbon
OrderNo.A9G0336

ImageWriter LQ Expansion Bin
(for use with A9G0340)
OrderNo.A9G0341

ImageWriter LQ Black
Ribbon
OrderNo.A9G0335

ImageWriter LQ Cut Sheet
Feeder (primary bin)
OrderNo.A9G0340

ImageWriter LQ Envelope
Attachment (for use with
A9G0340)
OrderNo.A9G0343

ImageWriter LQ Reference
(available from Addison-Wesley
Publishing Company)

System Requirements

To use the Apple ImageWriter LQ printer, you will need:

- Any Apple personal computer (The Apple IIe computer requires an Apple Super Serial Card or other compatible interface.)

- The appropriate connector cable for your system

Technical Specifications

Print method

- 27-pin impact dot matrix

Print modes/speeds*

(using internal ROM fonts)

- Draft: 250 characters per second (cps) at 10 characters per inch (cpi)
- Near-letter-quality (NLQ): 90 cps at 10 cpi; 140 cps at 144 dots per inch (dpi) (proportional)
- Letter quality (LQ): 115 cps at 216 dpi (proportional)

Print resolutions (using internal ROM fonts)

- Draft: 72 dpi horizontal x 72 dpi vertical
- NLQ: 144 dpi (H) x 216 dpi (V)
- LQ: 216 dpi (H) x 216 dpi (V)

Character pitches

(using internal ROM fonts)

- Draft and NLQ fixed pitch: 9 to 17 cpi
- Draft proportional: 144 or 160 dpi (using half-dot technique)
- NLQ proportional: 144 or 160 dpi
- LQ proportional: 216 dpi

**Calculated using Shannon text. Actual speed will vary depending on computer and software.*

Macintosh fonts (on disk)

- Times, Helvetica, Courier, and Symbol typefaces in 9-, 10-, 12-, 14-, 18-, and 24-point sizes

Character sets (built-in)

- American, British, Italian, Danish, German, Swedish, French, and Spanish
- Selectable by using DIP switches or appropriate software

Linespacing

- 6 or 8 lines per inch, or user programmable in increments of 1/144 inch (up to 99/144 inch)

Maximum line-feed rate

- 4 inches per second

Paper options

- Format: cut sheet or fanfold continuous, envelopes, labels, multipart forms
- Width: 3.5 to 15 inches (plus pin-feed margins)
- Thickness: .05 to .55 millimeters

Multipart form capability

- Up to 5 pages thick

Ribbons

- Type: fabric, continuous loop
- Available colors
 - - Black (typical life: 4 million characters)
 - - Four-color (magenta, cyan, yellow, black) (typical life: 1 million characters per color)

Interface

- Type: RS-422/RS-232 (serial)
- Buffer: 5 kilobytes
- Baudrate: 300, 1200, 2400, 9600, or 19,200 (user selectable)
- Connector: minicircular 8-pin

Size and weight

- Height: 5-1/8 in. (13 cm)
- Width: 23 in. (58.42 cm)
- Depth: 15-1/4 in. (38.73 cm)
- Weight: 38 lb. (17 kg)

Power requirements

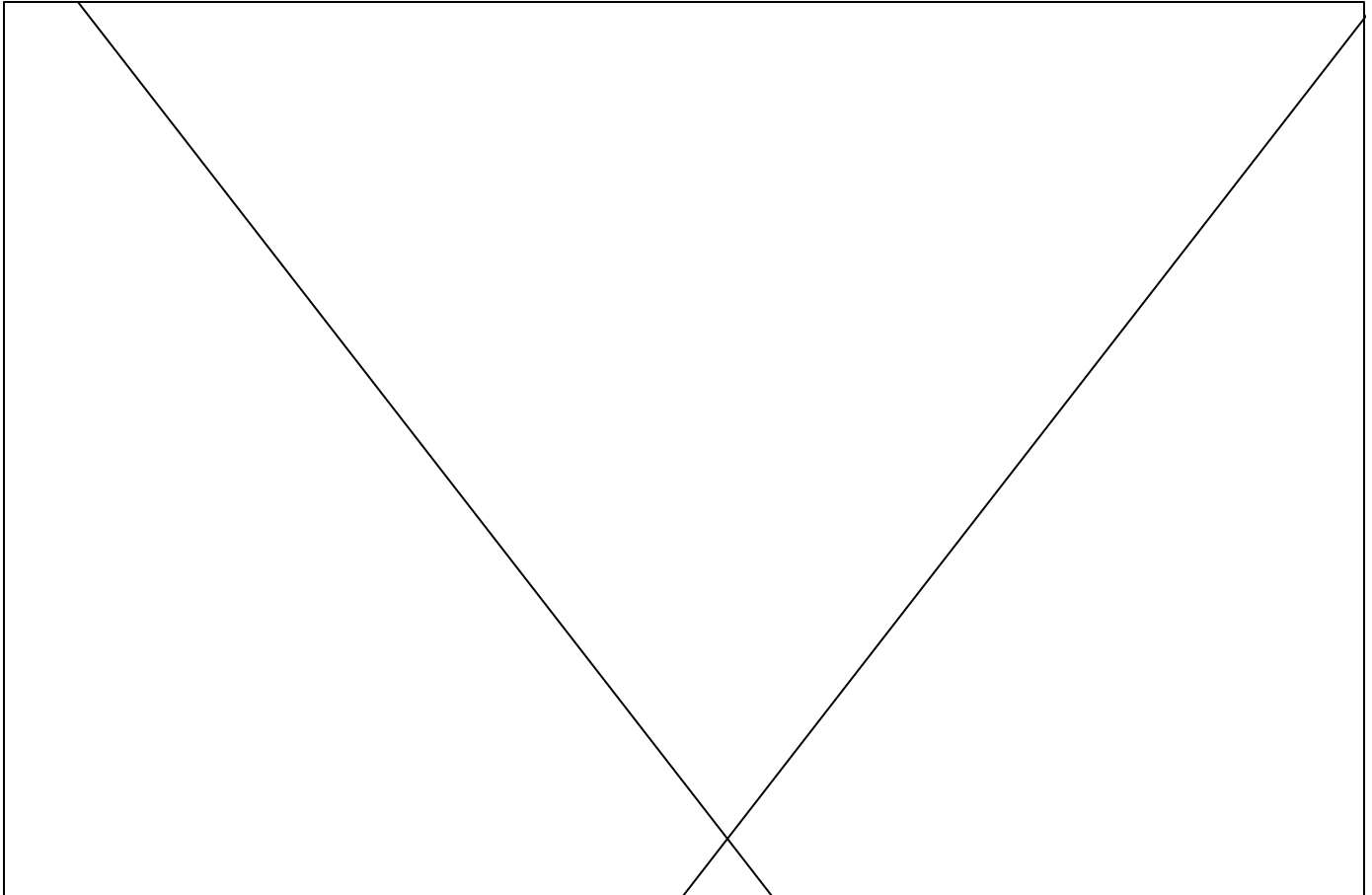
- 120 volts AC ($\pm 10\%$; 60 hertz)

Features

Benefits

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| <ul style="list-style-type: none">• Unique 27-pin printhead prints up to 216 dots per inch (dpi) | <ul style="list-style-type: none">• Delivers outstanding letter-quality text and graphics. |
| <ul style="list-style-type: none">• Three speeds and resolutions | <ul style="list-style-type: none">• Lets you choose the speed and output quality you need for any document—fast draft, near-letter-quality (NLQ), or letter-quality (LQ). |
| <ul style="list-style-type: none">• Variety of Macintosh typefaces and type sizes | <ul style="list-style-type: none">• Prints a wide range of type sizes in the most popular typefaces: Times®, Helvetica®, Courier, and Symbol. |
| <ul style="list-style-type: none">• Apple II text enhancements | <ul style="list-style-type: none">• Supports boldface, superscript, subscript, underlining, and proportional text. |
| <ul style="list-style-type: none">• Flexible paper-handling mechanism | <ul style="list-style-type: none">• Accepts continuous-form computer paper, single sheets such as letterhead, labels, envelopes, and heavy-gauge paper, and multipart forms. |
| <ul style="list-style-type: none">• 15-inch-wide carriage | <ul style="list-style-type: none">• Accepts spreadsheets and forms that exceed standard 8-1/2-inch page widths. |
| <ul style="list-style-type: none">• Multiple-carbon-copy capability | <ul style="list-style-type: none">• Lets you print multipart forms with as many as five sheets each. |
| <ul style="list-style-type: none">• Single tractor with push or pull mode | <ul style="list-style-type: none">• Eliminates the need for multiple tractors for different printing tasks, and allows choice of tractor mode. |
| <ul style="list-style-type: none">• Bottom feed | <ul style="list-style-type: none">• Simplifies feeding of multipart forms, labels, and heavy-gauge paper.• Prevents the jamming that's commonly associated with top-through feeding. |
| <ul style="list-style-type: none">• Optional sheet feeder with up to three bins | <ul style="list-style-type: none">• Permits automatic loading of up to 100 pages of cut-sheet paper per bin.• Permits envelope feeding with the use of an optional envelope attachment. |
| <ul style="list-style-type: none">• Optional AppleTalk interface | <ul style="list-style-type: none">• Allows access by as many as 31 users, for cost-effective printing.• Permits higher-speed printing. |
| <ul style="list-style-type: none">• Color capability | <ul style="list-style-type: none">• With the ImageWriter LQ Color Ribbon, prints text and graphics in vibrant colors. |
| <ul style="list-style-type: none">• Software compatibility | <ul style="list-style-type: none">• Offers compatibility with most Apple II and Macintosh software.* |
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*See your authorized Apple dealer or software supplier for details.



Overview

The Apple® ImageWriter® LQ is ideal for users who need a versatile dot-matrix printer to handle a broad range of office printing tasks. Besides producing letter-quality text and graphics, the ImageWriter LQ offers a variety of paper-handling options, as well as color and networking capabilities.

Compatible with both Macintosh® and Apple II personal computers, the ImageWriter LQ is designed to print virtually any type of document on almost any type of paper, with ease and clarity.

Exceptionally flexible paper-handling features—including a single push/pull tractor, a bottom feed, and an optional cut-sheet feeder—let you effortlessly print on multipart forms, heavy-gauge paper, envelopes, and labels, in addition to printing standard reports or correspondence. A 15-inch-wide carriage lets you print financial spreadsheets and, with the addition of the ImageWriter LQ Color Ribbon, you can use color to highlight reports or presentation graphics. What's more, with the addition of the

ImageWriter AppleTalk® Option, up to 31 users on an AppleTalk network can share an ImageWriter LQ, for cost-effective printing.

The ImageWriter LQ is designed for any task—from word processing and business graphics to accounting and artwork—and any office.