

Internal Printer Buffer

For ImageWriter II Printers

SEQUENTIAL SYSTEMS

Owner's Manual

Q-Buffer™ Manual

Second Edition

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Thank you for purchasing Sequential Systems' Q-BUFF™ card. Your satisfaction is important to us, so we offer these three simple assurances:

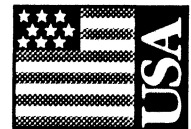
ALL SEQUENTIAL SYSTEMS PRODUCTS are guaranteed free from defects in materials and workmanship and are warranted for two full years from the date of purchase. Sequential Systems, Inc. will promptly replace any product shown to be defective during this warranty period.



ALL SEQUENTIAL SYSTEMS PRODUCTS include FREE technical support.
1-800-999-1717



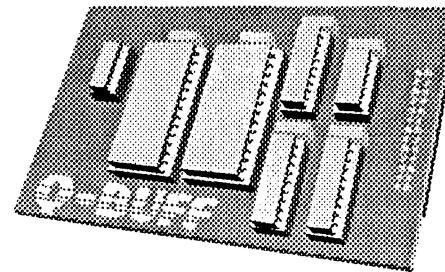
ALL SEQUENTIAL SYSTEMS PRODUCTS are designed and built in the U.S.A.



Sequential Systems' Q-BUFF™ is a 32K-byte static memory print buffer for use with the Apple ImageWriter II printer. The card is designed to the Apple Computer Inc. specification for internal add-on memory.

ImageWriter II printers shipped by Apple after 1990 include 32K of memory and do not require this board!

A print buffer is intended to act as a "holding area" for data received from a computer until it can be printed by the printer. In most cases, the printer cannot print as fast as the computer can generate data, hence the need for a buffer. When the computer is sending text data, this is almost always the case, but when the computer is generating complex graphic images for printout, the printer may actually keep up with the incoming data, making the printer buffer ineffective. This is the case with older Macintosh computers.



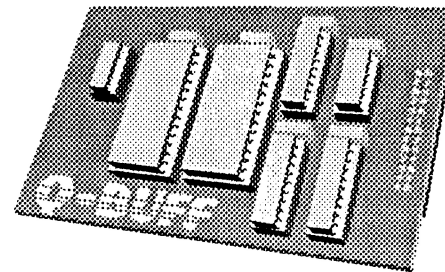
About New ImageWriters.

A Word About Print Buffering.

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A Word About Print Buffering.

CAUTION! Disconnect power to the printer before proceeding!

1. Remove Platen Knob from right side of printer by pulling straight off.
2. Remove the top cover from printer.
3. Remove Printer Ribbon Cartridge.
4. Using your hand, slide cartridge deck - head assembly all the way to the left side of the carriage.
5. Locate and **fully loosen** the two gold-colored phillips-head screws which hold down the main printer cover. These screws do not come out, but make sure they are loose.
6. **CAUTION! Printer Cover has wires connecting to the printer!** Lift printer cover by **slowly and gently** pulling upward. Flip cover forward taking care not to pull off wires. **Trouble Spot: Sometimes the Printer Cover gets hung up on the front of the printer because of plastic hold-down clips on the inside. A few sharp taps on the front of the printer using the heel of the screwdriver usually releases the clips.**

7. You should now see the printer controller card. Install the Q-Buff by aligning the connector on the Q-Buff with the connector on the right hand side of the printer controller and gently pressing down until both the connector and the nylon board support are fully depressed.

8. Enable the Q-Buff Option Card by setting switch 4 on SW2 to the CLOSED (ON) position. DIP switches can be found on the upper left-hand corner on the printer controller board inside the printer.

9. Complete the installation by replacing the printer cover, dust cover and platen knob. **Make sure the printer is reassembled properly before turning the printer on.**

10. Reconnect ImageWriter // printer power cord and interface cable. Test the Q-Buff on your Apple // by booting the test diskette provided and following the instructions in the software.

***When All Else Fails:
1-800-999-1717***

