



BAY AREA EPSON SALTS



2611 Broadway
Redwood City, CA 94062

Notes from the meeting of
October 9, 1990
Jane Steiner, Correspondent

Wayne Emerson, Kenton Henrikson, Bill McElhinney, Joe Staudt, Jane Steiner, and Tom Velasquez were present.

Joe reported that Barbara Eirls had called and wanted to sell all of Jim's computer equipment. Arrangements were made for Tom and Jane to go there, take an inventory, pack them in their original boxes and Tom would store them temporarily.

If you are interested in any item on the following list, all of which are in very good working order, mail or call your offer to Joe at the above address, phone (415) 364-9232 or Tom at 703 Higate Dr., Daly City, CA 94015; phone (415) 992-5475.

Jim Eirls Equipment:

- 2 Epson QX-10 computers
- 2 Epson keyboards
- 2 Epson monochrome monitors
- 1 Epson color monitor
- 2 Comrex hard drives
(upgraded to 20 megs.)
- 2 power supplies
- 1 Epson FX-85 printer
with Sta-black ribbon
- 1 Gorilla Banana printer
- 1 Juki 6100 daisywheel printer
- 1 A/B switch with 2 cables
- 1 mouse, mouse pad, and transformer
- 1 Boot RAM with battery (new)
- 1 mother board

Bob Briggs had written a series of QX-TIPS for easier operation of VALDOCS software on Epson computers. They are written in a step-by step format that is extremely easy to follow.

Tom has talked to Doras Briggs regarding them, and has permission for BAES to publish the full set of 16 including an index in Bob's memory.

The various "Tips" include how to handle a wild or stalled cursor, converting VALDOCS to ASCII, many printing helps and more.

They will be sent to all BAES Club members when they are completed.

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There was discussion about the Club barbecue in Sebastopol on October 21.

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The Club Barbecue was wonderful! Members of both our group and EUSF broke bread and shared info. Thanks to Tom and Ruth.

Tom is off to Mexico again so won't be able to make this meeting. Basking on a sunny beach is a chore, but somebody has to.

Almost all of Jim Eirls' equipment has been sold. The Banana and Juki printers need repairs. The mother board, mouse, and a power supply are still for sale.

NEXT MEETING, NOVEMBER 13.

DECEMBER 11th MEETING WILL BE A HOLIDAY DINNER

BAES Meets on 2nd Tuesdays

7:30 P. M.
Y'all Come!



Epson Users of San Francisco
"One for all, all for one."
1235 31st Avenue
San Francisco, Ca.
Phone 681-8300

Thursday, November 15 is right around the corner. It hardly seems possible that the year is almost over.

We had a great time at Elverhoj, the country home of Tom and Ruth Velasquez in the apple country of Sebastopol. Members of both EUSF and Epson Salts got together to break bread and share info about Valdocs, QX-10 ideosyncracies. The barbeque was delicious, and the potluck contributions were equally so. Thank you Tom and Ruth.

Bill Roop brought up a problem which none of us had even heard of, much less encountered. It seems as though one of his QX-10's decided it did not want to communicate with his printer; then another one of his QX-10's decided that it could do the same thing. After some thought, Bill, have you considered it may just be a software problem? If it isn't, we may all find ourselves in the same fix if there is a conspiracy afoot in QX-10 land. Seriously, if you have had a similar problem, call Bill.

The Epson Life Boat printed a program for producing columns with Valdocs. That is one of the things that a lot of people have attempted to do in the past and failed to accomplish. Perhaps at the next meeting, we can get together and try to figure it out. It would be a nice edition to our club library.

Tom Velasquez is off to Mexico again, so he won't be able to attend the November 15 meeting. He said something about having to go down and lie on the beach and bask in the sun with a cold bottle of Tecate beer. It is a tough life, but somebody has to do it. He will, however, take his PX-8 with him and try to get some work done. Incidentally, a PX-8 can be purchased from Snyderscope for about \$200.00. Considering that ASCII files from

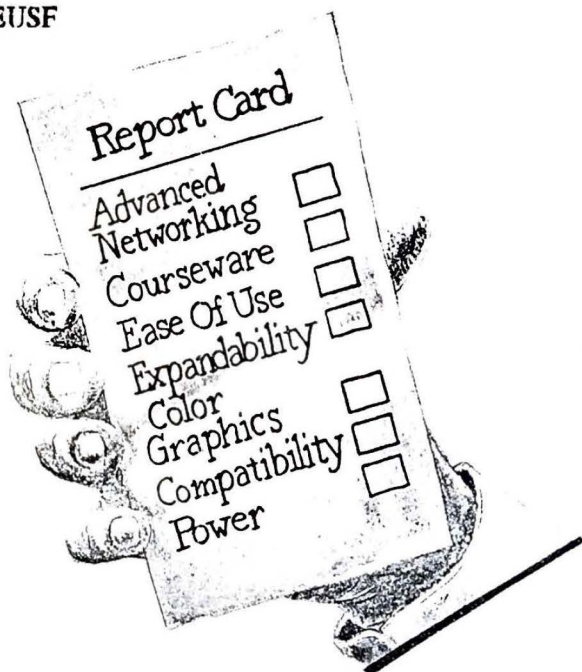
the PX-8 can be transferred to a DOS computer or printed out with a printer such as the Epson LQ-850 which has serial as well as parallel ports, it is an excellent buy on a lap top.

One of the things that we are discovering as time goes by is that it is even more important than ever to stay in contact with one another. We no longer have dealers that we can call on for technical assistance, and it seems that the technical assistance people at Epson America have never even heard of a QX-10. Some of the jobs that all of are faced with from time to time are not very easy. For example, have you tried to setup a SemiDisk or a hard disk? It is a serious task, and the directions can make one almost lose his hair. Thank the Lord that there are members in the EUSF and Epson Salts that we can call on for assistance in times of need.

We look forward to seeing you at our next meeting. We would like to plan a Christmas Party. Put it on your calendar, and call another member and ask him or her to meet you at EUSF get-together.

If you have pressing activity such as the one that Tom has, let us know. When you cannot make it, we worry that you have a serious problem.

- EUSF



Specifications

Print Method..... Serial impact dot matrix
 Print Rate..... Draft 200 CPS (10 CPI)
 Letter quality 67 CPS (10 CPI)
 Print Direction..... Bidirectional with logic-seeking in
 the text mode; unidirectional in the
 bit image modes
 Number of Pins in Head... 24
 Line Spacing..... 1/6 inch or programmable
 (Minimum value 1/180 inch)

PRINTING CHARACTERISTICS

Character Set..... Full 96-character ASCII with 11
 international character sets
 Character Size..... 2.4 (H) x 2.1 (W) mm (Normal)
 Character Structure..... Text mode 9 x 17(Draft)
 15 x 17(Letter Quality)
 37 x 17(Proportional)
 Bit Image Structure..... 816 x 8, 1088 x 8,
 1224 x 8, 1632 x 8,
 3264 x 8, 816 x 24,
 1224 x 24, 1632 x 24,
 2448 x 24 dot/line

PRINTING SIZE

	Max. Characters Per Line	Characters Per Inch
Normal.....	136	10
Enlarged.....	68	5
Condensed.....	233	17
Condensed-Enlarged.....	116	8.6
Elite.....	163	12
Elite-Enlarged.....	81	6
Elite-Condensed.....	272	20
Proportional.....	116 min.	8.6 min.
Proportional-Enlarged.....	58 min.	4.3 min.

FORMS HANDLING

Form Feed..... Programmable length to 255 lines
 Horizontal Tab..... To 32 positions
 Vertical Tab..... To 16 positions at 8 channels each
 with Electronic Vertical Feed Unit

MEDIA HANDLING

Paper Feed..... Friction feed — standard; adjustable
 sprocket pin feed — optional
 Paper Width Range..... Fanfold 4" to 16" (with
 optional tractor unit)
 Cut Sheet 7" to 14"

INPUT DATA BUFFER... 2KB available on all interface units

INTERFACE UNIT

(Optional)..... Industry standard/Epson-style 8 bit
 Parallel (Centronics compatible)
 IEEE 488
 RS232C

RIBBON CARTRIDGE

Color..... Black
 Type..... Exclusive Ink cartridge
 Life Expectancy..... 3 million characters

SHEET FEEDER (optional)

Single bin
 Double bin

ENVIRONMENTAL CONDITIONS

Operating Temperature... 41° to 95°F (5° to 35°C)
 Operating Humidity..... 10 to 80% non-condensing

POWER REQUIREMENT

Voltage..... AC 90-132V
 Frequency..... 49.5-60.5 Hz
 Power Consumption..... 60 VA max.

PHYSICAL CHARACTERISTICS

Height..... 5.1"/130mm
 Width..... 23.8"/604mm
 Depth..... 14.3"/363mm
 Weight..... 30.9 lb/14 kg

Specifications subject to change without notice.

EPSON AMERICA, INC.

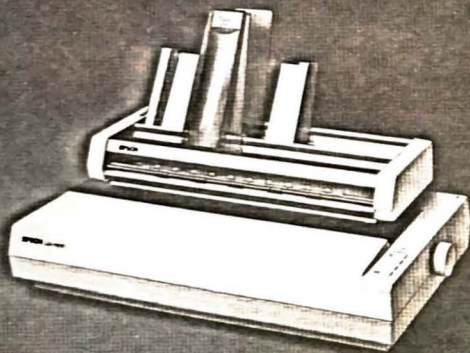
3415 Kashiwa Street • Torrance, California 90505 • (213) 539-9140

TER QUALITY PRINTING...

Charts and graphics.

The graphic resolution of the LQ-1500 can be set up to an astounding 240 x 180 dots per inch. Which means that you could theoretically place a single dot at any of 43,200 separate locations inside a square inch.

The result is blacker blacks, and finer definition for your business charts and graphs than you ever could have imagined. With the LQ-1500 it's even possible to produce a picture with almost as much clarity as a magazine photograph.



The paper choice.

The LQ-1500 comes standard with a fifteen-and-a-half inch carriage and a friction paper feed mechanism. However, for an additional charge, you can have a removable tractor feed, which will give you the option of using sprocket fed fanfold paper. Or an optional single or dual bin sheet feeder, which automatically feeds sheets one at a time.

Thus, with the LQ-1500, you can print on anything from your letterhead to your ledger, and do

everything from important correspondence to financial spreadsheets. With distinction.

Your own alphabet.

Deep within the LQ-1500 is an internal memory which can be used to store 128 characters or symbols of your own creation.

Thus, if your printing needs involve specialized symbols, you can create them with the aid of your computer. Or if the idea of designing your own typeface appeals to you, you can modify existing characters and add them to the LQ-1500's already extensive library.

On the LQ-1500, there's even a 2K input buffer in the interface, which allows the printer to store data sent from the computer. So the LQ-1500 can continue printing while you and your computer move on to something else.

Just your type.

Chances are, however, that all the draft and letter quality typefaces you'll ever want are already here. Proportional. Elite. Condensed. Expanded. Bold. Italic. Even subscript and superscript for small print and scientific notation. In all, there are well over 200 different sizes, weights and styles to add a measure of character to your printed communications they've never had before.

A word from the sponsor.

The LQ-1500 is undeniably an astonishing breakthrough in cost-effective business printing.

But with all due modesty, breakthroughs are nothing new to Epson.

In 1964, we developed a brand new digital printer to work with timing devices at the Olympic Games in Tokyo.

That printer—the EP-101—effectively launched the revolution which made high-speed impact printers possible. Since then, our breakthroughs have included correspondence quality printing, the first disposable printhead, the world's smallest printer, and the legendary MX-80™ printer, which took the world by storm and changed forever the way printers are made.

Epson compatible.

The MX-80 made reliable, high-performance computer printing affordable for everyone. And within a few months of its introduction, it was outselling every personal printer ever made, all over the world.

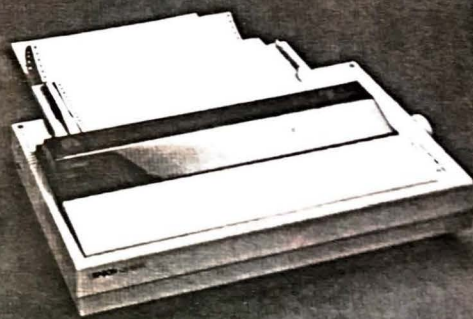
So popular have Epson printers become, that today most computer and software companies—as well as many printer manufacturers—make their products specifically compatible with our printers.

Which means that virtually every popular computer and software program on the market is designed to go right to work with the LQ-1500.

Because Epson is not only the world leader in personal printers. It's the world standard.

An unusual guarantee.

Most printers are guaranteed for 90 days. On the other hand, with the LQ-1500, like all Epson computers and printers purchased in the U.S., parts and labor are covered for a period of one full year.

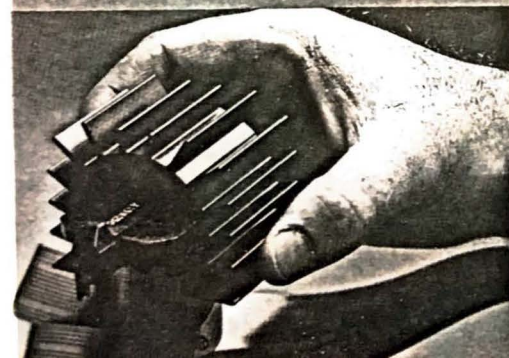


Epson, of course, was the first company to build printers of extraordinary reliability. But in the unlikely event that you do need service, it's comforting to know that you can get it at over 1000 Authorized Epson Service Centers from coast to coast.

The logical conclusion.

Compare the specifications to other printers. Compare the print quality, the features, the warranty, the reputation. Then compare pricetags.

The new Epson LQ-1500 Business Printer. There's no comparison.



Epson LQ-1500 Print Sample

Everything you see below was originally produced on the remarkable new Epson LQ-1500 Business Printer.

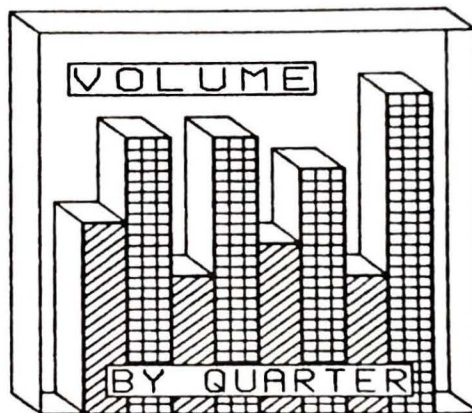
Why be content with a run-of-the-mill business letter or memo or report, when it can take on true

distinction

by using different sizes, weights and typesyles to emphasize your points?

For example, if you want people to get right to the meat, try double strike + *italic* like this:

- * *The LQ-1500 prints in both draft and letter quality.*
- * *A 15.5" carriage makes it perfect for spreadsheets.*
- * *The graphics resolution is almost beyond belief.*
- * *It's four times faster than a daisy wheel.*



As you can see, the LQ-1500 can print business charts and graphs beautifully.

If you use foot notes or scientific notation you'll love the flawless ^{super}/_{subscript}.

Italics? They're a snap on the LQ-1500!

And for titles how about **EMPHASIZED** or **EXPANDED**?

And if you're in a hurry, the LQ-1500 prints out draft quality work like this at 200 characters per second! Take a closer look-you wouldn't be embarrassed to hand a draft that looks like this to anybody.

In short, the Epson LQ-1500 is the perfect printer for business. It does it clean. It does it fast. It does it all.

The LQ-1500 Business Printer.

From Epson. Of course.