

TOPIC -

" STILL INITIAL DRAFT ONLY "

KAYPRO COMPUTERS
OF THE 1980'S

SCIENCE, TECHNOLOGY & SOCIETY
{ "STS" }

BY
FRANK J. GADEK, PH.D.

KAYPRO COMPUTERS **OF THE 1980'S**

P.S.

THE KAYPRO COLORS – BLUE & GRAY!!!



KAYPRO II Six Steps to ComputerPower.



1 PROFOUNDLY PORTABLE.

All the functions you need are in a single compact package, easily portable at 26 pounds, in its own rugged, low profile carrying case. The durable KAYPRO II is ready to go when and where you are and once you get home, all you have to do to operate your KAYPRO II is to plug it into any standard, grounded outlet or use your optional battery pack. There are no fussy hook-ups or sophisticated power requirements — just instant computing power when you need it.

2 ABSOLUTELY AFFORDABLE.

The KAYPRO system with its complete software package included, provides everything you need to begin applying computer speed and efficiency to all your daily tasks and projects today. During business hours, your KAYPRO II performs all full scale Bookkeeping, Accounting and Inventory tasks, are no longer tedious. Purchasing and engineering functions are made with greater accuracy and less delay, while production control of manpower and materials is optimized. Cash performance, commission scheduling and price forecasts are accomplished with greater speed and accuracy. Order processing and shipping documents are performed efficiently. You are now able to be more productive to spend more time in creative thought for the future of your home and business.

3 9" MONSTER MONITOR.

Save your eyes! The large 9" diagonal monitor that is standard built in equipment on your KAYPRO II virtually eliminates the need for an external monitor. You are now always "in" at ease with the KAYPRO II. The green phosphor characters and the 80 column by 24 row display adds up to one thing — comfortable viewing. As you can see, the KAYPRO II is a complete computer in itself — no extras needed.

4 BIG BOARD KEYBOARD.

The most thing you will notice is the professional keyboard. The keys are located for your hand's convenience and the numeric pad includes 14 keys with its own return. There are dedicated cursor control keys to give you access to any part of your displayed data at any time. You will never want to use another keyboard again. With the KAYPRO II you get a keypad that is normally found only on high quality word processing equipment costing thousands more. We know that the smart business owner of today is looking for more at a lower cost and we provide that in the KAYPRO II.

5 SENSATIONAL SOFTWARE.

As part of this value-packed system, a FREE package of software is included. Perfect Writer has a word processor for producing correspondence and other text applications, a spelling checker to find typing errors, a filing system to allow you to collect and organize data, and Perfect Calc, a spreadsheet program. These prepackaged applications enable the novice to easily utilize the KAYPRO II for a wide variety of uses. The small business can produce income statements, balance sheets, accounts receivable and payable, depreciation schedules, payroll, and cash flow analyses. The individual user can do stock portfolio analysis, real estate investment analysis, and personal expense reports.

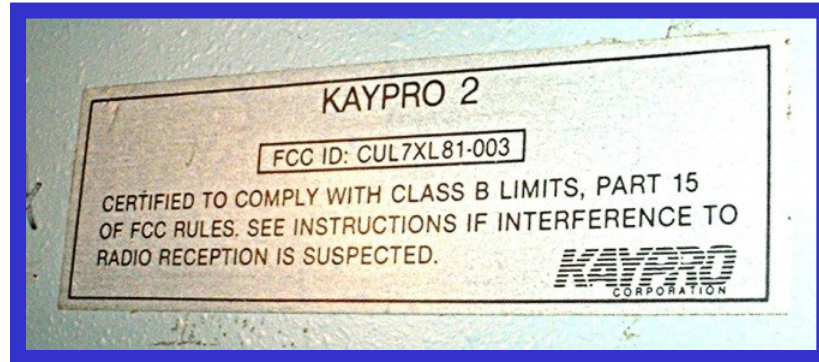
For the professional there is fee schedule determination, scientific formula application, and break-even analysis. The homemaker can use these programs for recipe files, Christmas card lists, and household budget and expense records.

The Perfect Writer is an integrated system of programs, using the same commands for all programs. You can quickly learn the system, using an instruction disk. A training manual is also provided. In addition, the CP/M program provides a disk-copying system which supports Perfect Writer and allows you access to a world of software that is standard in today's market.

SBASIC — an improved BASIC program which will allow you to write your own programs, if you wish. PROFITPLAN — especially designed for the small business user.

6 POWERFUL PROCESSOR.

The core of the KAYPRO II is a Z8000 2.9Mhz microprocessor. What this means to you is that your KAYPRO II can process letters, customer lists, inventory reports or elaborate intensive engineering or scientific calculations with speed and ease. Paperwork that took hours of time and suspension before are now executed for you in seconds. Whether used as a calculator, word processor or a scientific research tool, the KAYPRO II will get the job done.



KAYPRO II [2] & KAYPRO IV [4]
UPGRADED TO KAYPRO " 8 "

NOSTAGIA

MEMORY LANE

GOOD OLD DAYS

{THEY WERE TERRIBLE!}

BUT:

“ IF YOU DO NOT KNOW WHERE YOU HAVE BEEN

HOW CAN YOU GET TO WHERE YOU ARE GOING??? “

THE OLD PHRASE:

“ WE DO NOT KNOW WHERE WE ARE GOING,

BUT WE ARE MAKING GOOD TIME! “

2013 –

BLUEGRASS # 1 SONG & ALBUM
BY BALSAM RANGE –

“ IF DO NOT KNOW WHERE GOING
ANY ROAD WILL GET YOU THERE ! “

SO A LITTLE PERIODIC REFLECTION
ON SOME HISTORY CAN BE VERY
WORTHWHILE FOR PLANNING, MANAGEMENT,
ANTICIPATION OF POSSIBLE / PROBABLY
FUTURE EVENTS, ETC.

THIS IS ALL PART OF MY DECADES LONG
SCIENCE, TECHNOLOGY AND SOCIETY
[STS] RESEARCH

SO SOME PERSPECTIVE / CONTEXT
TO TRY TO GET US ALL TOGETHER
ON THE SAME PAGE BY IDENTIFYING
SOME COMMON EXPERIENCES &
INTERESTS

I OFFER YOU A CHALLENGE TO CONSIDER
AS WE PROGRESS THRU THIS MATERIAL
AND BASED ON YOUR OWN EXPERIENCES
TO GET YOU THINKING & APPLYING THE
MATERIAL COVERED

*** THE KAYPRO ERA WAS THE 1980'S**

TODAY IS 2008

*** SO IT HAS BEEN ABOUT 25 YEARS AGO**

*** IF YOU WERE GIVING THIS PRESENTATION**

25 YEARS FROM NOW, WHAT WOULD YOU

BE SAYING ABOUT THE 2008 ERA OF COMPUTING???

POSSIBLY EVEN SOONER

20 YEARS

15 YEARS

10 YEARS

EVEN 5 YEARS

SINCE COMPUTING MOVES SO FAST!

WILL YOU BE SAYING:

DOES ANYONE REMEMBER VISTA?

HOW ABOUT THOSE TINY TETRABYTE EXTERNAL
HARD DRIVES FOR USB PORTS, WHATEVER
THEY WERE

HOW HUGE THOSE DESKTOPS & LAPTOPS WERE

SOFTWARE – THE TERRIBLE MICROSOFT OFFICE
PACKAGE

DSL WAS SO SLOOOOOW!!!

ETC.

THE NEAR FUTURE???

WE ARE ALREADY IMPLANTING COMPUTER
CHIPS IN LIVING THINGS E.G., PETS,
GOODS WE BUY – RIF'S???

WILL TINY COMPUTERS BE IMPLANTED IN US???

WILL GENETIC ENGINEERING IMPLANT LIVING
COMPUTERS IN US AT BIRTH – NEUROCIRCUITS???

HOW WILL THE SYSTEM BE UPGRADED???

WHAT ABOUT “BUGS”????

ETC.

IS THAT SO FAR FETCHED???

REMEMBER THE PAST PREDICTIONS OF STS:

ONLY ABOUT 4 COMPUTERS SHOULD

BE ENOUGH FOR THE WHOLE

WORLD

TELEPHONE, PHONOGRAPH, AUTOMOBILES,

AIRPLANES, FAX, RADIO, TV, ETC

BLIND SPOTS

TUNNEL VISION

CANNOT EASILY SEE THE FUTURE

HUMANS ARE SO CREATIVE

BUT ANIMALS TOO – JURASSIC PARK!

SO WHAT WAS A KAYPRO???

THE VERY BRIEF VERSION FIRST

VERY INNOVATIVE

***TAKE OFF ON VERY SUCCESSFUL
FIRST PORTABLE COMPUTER
THE OSBORNE***

IT WAS RUGGED & HEAVY – 30 POUNDS

***BUILT BY NON-LINEAR SYSTEMS {NLS} –
A TEST INSTRUMENT COMPANY***

***VERY INNOVATIVE, CREATIVE, “OUT OF THE
BOX THINKING”***

***BUT MORE THAN THAT NEEDED TO BE
ULTIMATELY SUCCESSFUL IN THE
LONG RUN***

THEY WERE MAKING & SHIPPING ABOUT 10,000
COMPUTERS A MONTH – SO ABOUT
120,000 / YEAR OR 30 A DAY!!!

THEY WERE FOURTH IN SALES BEHIND IBM & APPLE

THEY KEPT CONSTANTLY CHANGING, UPGRADING,
IMPROVING, ETC. THEIR CP / M OPERATING
SYSTEMS [DIGITAL RESEARCH]

BUT ULTIMATELY, THEY DID NOT ANTICIPATE THE
MS-DOS OPERATING SYSTEM & IBM

APPLE WAS CERTAINLY A KEY PLAYER, BUT THEY
WERE VERY DIFFERENT FROM CP / M
& MS-DOS SYSTEMS – THAT IS A WHOLE]
OTHER STORY

BY THE TIME THEY DID COME OUT WITH AN
MS-DOS SYSTEM, IT WAS TOO LATE
HOWEVER, DURING THEIR “PRIME TIME” THEY
HAD QUITE THE FOLLOWING, ESPECIALLY
SINCE THEY OFFERED MANY OPTIONS
CONSUMERS WANTED & NEEDED
KAYPRO DID A LOT OF “THE RIGHT THINGS,”
ESPECIALLY WITH RESPECT TO
THEIR MARKET & LOYAL CUSTOMERS

THE BASIC SYSTEM:

SPEED = 2.5 MHz

RAM = 64 K [KILO = 1000 BYTES!!!]
[REQUIRED SOFTWARE TO
SWAP A LOT OF DATA INTO
& OUT OF THE RAM – SO LOT
OF DISK DRIVE ACTION]

2 DISK DRIVES:

INITIALLY SSDD = 190 K
LATER DSDD = 389 K

SOFTWARE – INITIALLY THE PERFECT
SYSTEM – INTEGRATED –
SIMILAR COMMANDS FOR
WORD PROCESSING, DATABASE,
SPREADSHEET, ETC.

A VERY PRACTICAL & RUGGED

ALL METAL COMPUTER CASE

FULL SIZED KEYBOARD CAME OFF

SCREEN WAS SHARP, GREEN LETTERS
ON BLACK BACKGROUND &
WAS 9" DIAGONALLY – OSBORNE
WAS ONLY 5"!!!

ORIGINAL SSDD TANDON DRIVES WERE
NOT VERY DEPENDABLE

TANDON DSDD WERE BETTER BUT STILL
AN ISSUE

TEAC HALF HEIGHT & HALF POWER
VERY DEPENDABLE

I CAN SAY THAT I HAVE NEVER HAD
ANY ISSUES WITH TEAC DRIVES

DSDD = 380 K
QUAD = 780 K

AND USED THEM VERY HEAVILY FOR
MANY YEARS!!!

THE TANDONS WERE ALWAYS AN ISSUE
SO I EVEN GOT A DISK DRIVE
DIAGNOSTIC TEST SOFTWARE
SYSTEM & REPAIR PARTS

SPEND A LOT OF TIME KEEPING THEM
GOING UNTIL THE TEACS ARRIVED

DISK DRIVES COULD BE VERY EXPENSIVE

OVERALL KAYPRO SYSTEM ABOUT \$2000

ONE TANDON DSDD DISK DRIVE ABOUT \$100

TO \$200!!! + INSTALLATION BY YOU

& YOUR RESOURCES OR BY REPAIR

SHOP

BESIDES A LOT OF REQUIRED SWAPPING OF DATA

IN KAYPRO SYSTEM WITH ONLY

64 K RAM

A: DRIVE CONTAINED SOFTWARE – JUST PERFECT WRITER,
OR PERFECT FILER OR PERFECT CALC, NOT ALL
3 OR EVEN 2 – SO HAD TO SWAP DISKS IN DRIVE
A: IF CHANGED SOFTWARE USE

B: DRIVE CONTAINED SAVE FILES FROM SOFTWARE
USE

ALSO, BEING PORTABLE, THE DRIVES COULD GET BANGED
AROUND A LOT

**SEVERAL LONGER POWERPOINT PRESENTATIONS
GIVE A LOT MORE SPECIFIC DETAILS.**

**THEY ARE FASCINATING, ESPECIALLY WITH RESPECT
TO WHAT WE ARE GOING THRU TODAY – MANY OF
THE SAME PATTERNS !**

**PLUS A FREE DOWNLOAD OF A DRAFT OF MY EXTENSIVE
BOOK ON THAT ERA**

**ALSO MY 2008 TRENTON COMPUTER FESTIVAL
POWERPOINT PRESENTATION**

TO BE CONTINUED AS

INTEREST &

RESOURCES PERMIT

JUST LET ME KNOW !

