

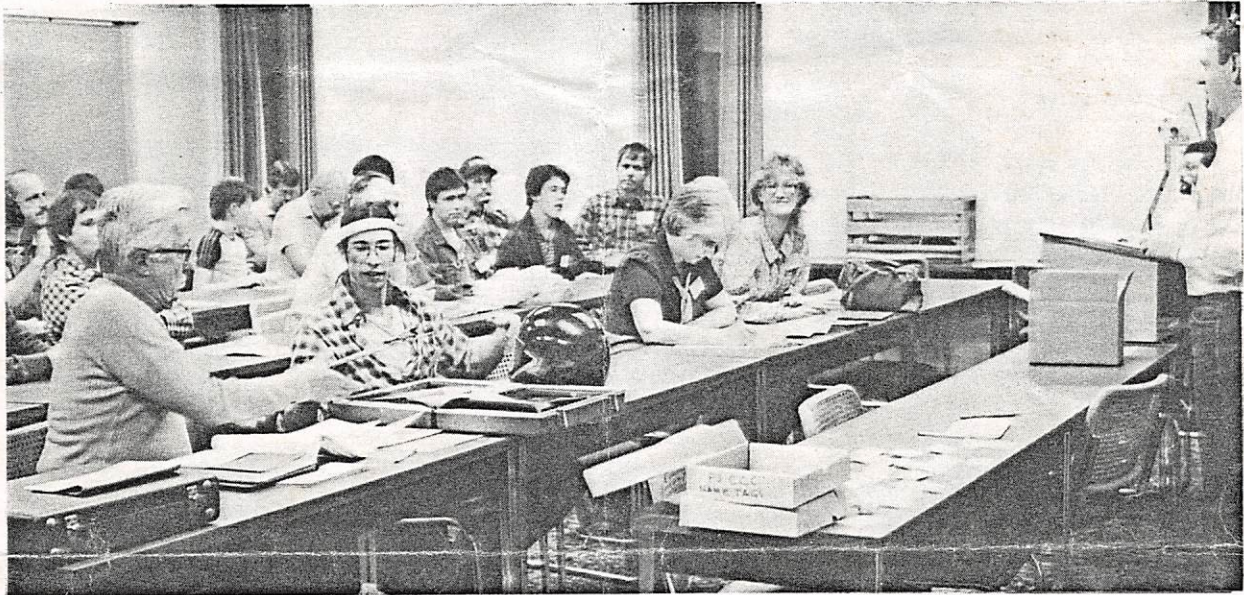
6809

EXPRESS

The Official Publication of the
PENN - JERSEY COLOR COMPUTER CLUB

VOLUME 5 NUMBER 4

APRIL 1987



Isn't anyone paying attention to teach-president Paul Eckhart?

SHORTWAVE AND THE COCO CONNECTION DEMONSTRATED

"Shortwave and the CoCo" was the topic of last month's meeting of PJ-CCC. The presentation was given by Robert Zugates who demonstrated "SOFTREADER", distributed by CoCo Enterprises of Laurel, Maryland.

COCO MAX 3 IS HERE!

Spectrum Projects announced that they have the CoCoMax 3 version by Milliluk Technologies and distributed by Computize.

CoCoMax 3 features 320 x 200 graphics, pull-down menus, 16 of any 64 colors, analog RGB support. It requires a 128K CoCo III disk and Hi-Res Joystick interface (Radio Shack Catalog # 26-3028 for \$9.95). Cost from Spectrum for CoCoMax 3 is \$59.95 and you must specify the type of printer you have.

Spectrum Projects is located at P.O. Box 264, Howard Beach, N.Y. 11414.

Although not working as planned, the shortwave receiver had too much interference at NCACC, a demonstration tape which came with the software demonstrated how "SOFTREADER" works. The software uses the audio output of the shortwave receiver connected directly to the cassette port of the CoCo. No hardware decoder is required. The only thing needed is a shortwave receiver capable of receiving Radio Teletype (RTTY). This simply means a receiver that covers all or part of the 1MHz to 30 MHz, and has a Beat Frequency Oscillator (BFO) for older radios, or CW, USB, LSB, RTTY for newer radios.

SOFTREADER comes with a 12-page simple-to-understand manual and a demonstration program on the software cassette which explains what kind of signals to listen for on your receiver and how it works with the software. The manual also lists a number of frequencies and what kind of country and service (news, weather, etc.) they provide. It also has an

Continued on page 2

MEETING THIS FRIDAY, APRIL 24th, 7pm

MINUTES OF MARCH 27, 1987

President Eckhart opened the meeting by welcoming members and guests. The minutes were accepted as printed in the newsletter. Clyde Gano gave the Treasurer's Report which was accepted.

Members were reminded to sign in on the attendance sheet and to wear the name tags (made by Roni DeGarmo).

The following items are being sold by Al Krapf:

Basic 09 Tour Guide	- \$ 15.00
Basic 09	- \$ 75.00
Complete Rainbow Guide to OS-9	- \$ 15.00
Frank Hogg Flex w/Disk Basic	- \$ 50.00
The Voice w/The Translator & Termtalk	- \$ 50.00
RS232 Pak w/Cable	- \$ 40.00
Complete Electronic Organizer	- \$ 30.00
CIII (Model I/III to CoCo Utility)	- \$ 15.00
Bio-Detector w/Biograf Software	- \$ 20.00
Audio Spectrum Analyzer	- \$ 3.00
X-Pad	- \$250.00

Call 433-8695 Mon-Fri 10A-8P, Sat 10A-6P

Old Business:

Reinhold made arrangements and purchased the Club's new CoCo 3 and CMS monitor from Microworld. The acquisition of a controller and cable will be investigated. The Club now owns two complete systems, one disk and one tape with the possibility of two disk systems.

At the present time there are no storage of equipment facilities available at NCACC. The possibility of such storage will be checked further.

New Business:

Nevin Keller announced two additions to the Library: 18 Chromasette tapes (John Loper) and an Editor/Assembler manual.

Don Lauer reported that notices of the PJCCC meetings have appeared in several newspapers. Other possible means of publicity for increasing club membership were discussed.

Anyone interested in writing for the newsletter is requested to send the material to Reinhold.

Clyde read a letter from NCACC asking for a donation. It was decided to send a check for \$60 to the College.

The meeting was adjourned and a talk by Bob Zugates followed.

"SHORTWAVE AND THE COCO"

Continued from page 1

RTTY primer in an appendix which describes what RTTY is and the various types of broadcast signals used. The manual also provides a reference list in the back for anyone interested in specific information.

SOFTREADER sells for \$37.50 and the features include - print to screen or printer, selectable baud, auto speed selection, 9.6k text buffer, auto buffer dump (tape or disk) and requires NO interface as mentioned earlier. Orders are accepted weekdays after 6 p.m. eastern time at (301) 498-1110 (Brad) and (301) 799-8426 (Bruce).

NEW 512K UPGRADE FOR COCO 3

Now available the LR Tech 512K upgrade with all gold contacts and 120 nanosecond 256K chips. Useable as a RAM disk from basic or as large system memory for OS 9 level 2!!!

INTRODUCTORY PRICE...

\$54.

WITHOUT 256K CHIPS

\$ 95.

WITH 256K CHIPS



See next page for more specials.

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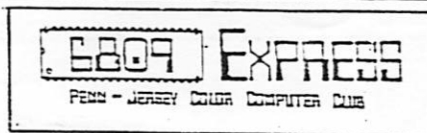
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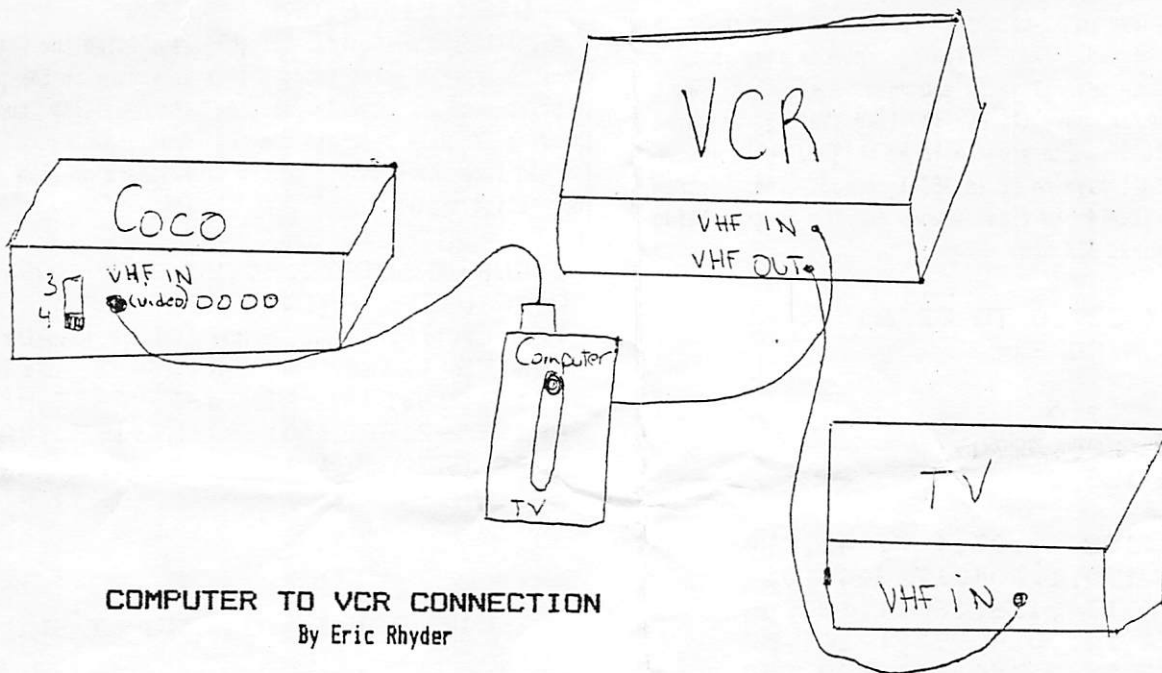
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COMPUTER TO VCR CONNECTION
By Eric Rhyder

Most people who have a computer probably own a VCR too. But how many have joined the two devices?

Probably very few. Maybe it never occurred to them that they can ~~can~~ connect their computer and VCR. Or perhaps they had never thought it was possible to link them. It is very simple to merge them.

Hooking up the two is easy, just run the video cable from

the CoCo to the VCR, and then one from the VCR to your television or monitor. (See diagram).

HINTS: With this connection you can study and analyze your strategies when playing adventure games or reviewing regular games. You can see where you goofed or where you could possibly have gotten more points for your actions.

ECONOMY PRINTER BUFFER

An Economy Printer Buffer you can put together has been made at reasonable cost (we supply the circuit board and software and you supply the labor and other parts) according to the H. Fransisco of 8332 Peggy Street, Tampa, Florida.

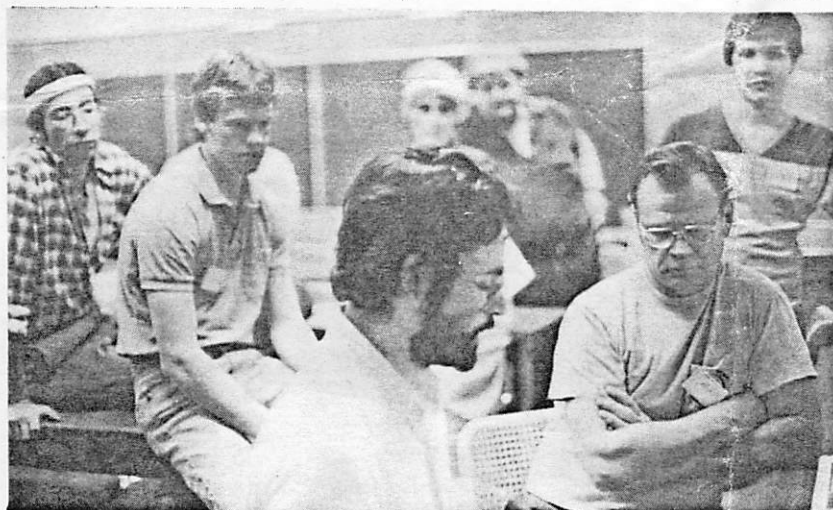
The kit comes with an 6 1/2 by 4" circuit board (small enough to be fitted inside most computers); a 2716 EPROM with software; a complete parts list, including layout and schematic; step by step construction plans; troubleshooting details (just in case you make an error during construction) and finally a reasonable cost of \$35.00 (No credit cards or COD's, just check or money orders.

Specifications for the buffer are:

Microprocessor - 6803-1; a clock speed of 1.2288 MHZ with 64K of memory. Input is RS232 or Centronics type parallel adapter; baud rate of 9600 fixed or external or user supplied 300 to 9600; output is centronics type parallel, power is user supplied +5v (parallel), +5v+12v&-12v (RS232C)

The buffer features multiple copy (providing data is less than 64K); endless capacity (when data exceeds 64K), Busy/Done handshake and a complete data throughput (no software commands).

The Economy Buffer has been tested on the CoCo, MC10 (MC10 will not allow 9600 baud), Model III, C6P 220, C6P 115 and LP VIII.



Paying close attention to Zugates demonstrating SOFTREADER.

PRINT LISTINGS IN 32-CHARACTER FORMAT

Listings printed in 32 characters across your screen are easier to proofread. The following program send in by a reader to Hot CoCo several years ago does just that. Just type in the program, save it, run it, load the program to be LLISTed, and LLIST. The program to be LLISTed loads faster because it doesn't have to be in ASCII format. The program below erases itself to clear memory for the program being loaded and requires 32K RAM.

```
10 FOR X=32710 TO 32765
20 READ A:POKEX,A
30 NEXT X
40 EXEC 32710
50 CLEAR 200,32709
60 POKE 155,33
70 NEW
80 DATA 182,1,103,167,141,0,46
90 DATA 190,1,104,175,141,0,40
100 DATA 134,126,183,1,103,48
110 DATA 141,0,4,191,1,104,57
120 DATA 52,2,150,111,129,254
130 DATA 38,16,150,156,139,1
140 DATA 145,155,37,8,15,156
150 DATA 134,13,173,159,160,2
160 DATA 53,2,18,18,18
```

"COCO DEN" BBS
215-866-1805
"ASCII 80" BBS
215-252-1608

DISK DIRECTORY PROGRAM

Michael Fahy of Central City, PA. submitted the following one-line program which sends a disk directory to the printer to print out an orderly listing of the disk contents, including a disk name and the number of granules remaining. You can tape the printout to the disk sleeve or file it in your filing system.

```
1 CLS:PRINT@32,"DISK DIRECTORY T
O PRINTER":PRINT:PRINT"TURN PRIN
TER ON":PRINT:INPUT"DISK READY -
ENTER TITLE";A$:PRINT#-2,A$:POK
E111,254:DIR:PRINT#-2,"FREE =":;
PRINT#-2,FREE(0):PRINT:INPUT"AND
THER ONE?";B$:IFB#<>"Y"THENCLS:E
NDELSE1
```

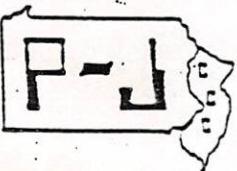
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