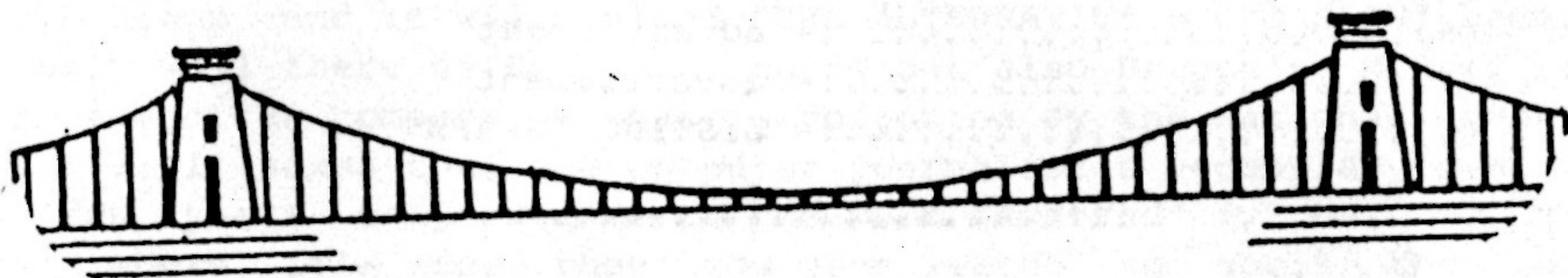


VOL. 2 No. 7

**AVON**



**Einstein**

**USER**

**GROUP**

**NEWSLETTER**



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\*\*\*\*\*

Don't forget the next club meeting is on the 11th of AUGUST

at the

BLACK HORSE, WEST STREET, OLD MARKET, BRISTOL.

=====

BACK ISSUES 50p each.

Send any articles, listings or comments to :-

BOB SMITH  
2 INGLETON DRIVE,  
WORLE,  
WESTON-SUPER-MARE,  
AVON.  
BS22 OSR

=====

- 1 -

Dear Members

Well I am sorry that the newsletter is on the thin side this month but it seems that a lot of our members are on holiday this month, still lets get started with what we have.

On the news front, you will be pleased to hear that there will be another show this year, as usual it will be organised by the U.K.E.U.Group and it will be called "THE ALTERNATIVE MICRO SHOW" because not only will there be Einsteins there but also Dragon's, M.S.X. and other forgotten computers, that is forgotten by the National Computer Press !!!, it seems that the computer journalist's vocabulary over the past few years only extends to the word "Amstrad" !, but to give credit where it's due they now have learnt to spell the words "IBM", "ST" and "Amiga" (is'nt life wonderful !!!!).

\*\*\*\*\*

The other piece of news is that the U.K.E.U.G. have commissioned someone to design and build a 512k memory upgrade for the Einstein and also a MIDI interface and the software to go with it, this will be well worth looking forward too and as soon as I get any more information on the Show, 512k upgrade and the MIDI interface I will let you know, until then start saving your penny's up.

\*\*\*\*\*

Hopefully you will have managed to get this far without falling asleep, you will have noticed that the print is much better this month this is due to the fact that I have managed to get my Daisy-Wheel printer working, thanks to the help and information given to me by Mick Pugh and Brian Adams.

I have also purchased a second-hand 5.25 single-sided 80 track disc drive, this drive holds 388k of information when formatted which as you can see is twice as much as a 3" disc, this helps me with such programs as Wordstar and Dbase II.

I fitted the drive to the Einsteins power pack which was very easy (I even got the 12v and 5v round the right way) the only problem I had at first was the drive would format the disc's but would not verify them, after several tries I decided to call in the experts, so it was down to Target Electronics to see Kris (a very helpful man), he asked me where I had placed the drive and when I told him he said "try moving the monitor" which seemed to me to be a very strange thing to say ?, so it was back home to try it and low and behold it worked !, it seemed that the monitor gives off a lot of radiation which was upsetting the data that was being sent by the computer to the drive, anyway it seems to be alright now.

\*\*\*\*\*



On the 26th July a committee meeting was held and it was decided that it would be a good idea if the club joined the "British Association of Computer Clubs", this will not only give the club free advertising in the national press but the club will also have Public Liability Insurance of £1,000,000 of cover and Equipment Insurance of £2,000. If you have bought this months "Computer Shopper" you will have seen in the "Club News" an advert for the A.E.U.G. this was put in there free of charge by the B.A.C.C. and I have already had one reply to it.

The committee also decided to give Graham Higgins permission to go ahead and purchase a 5.25 disc drive to hold the Public Domain library on, which according to Graham is about 8 mega-bytes, this will not only make his job easier but will help the club if Graham ever decides to pack in as the librarian (GOD FORBID !!) as the next person to be the librarian will have the disc's and the drive.

\*\*\*\*\*

I still have not have had any response to the idea of starting a 16 bit corner for the newsletter and I know that there are a few members out there that either have 16 bit PC's or have access to them, so come on lets have one of you write me an article on the difference between the 16 bit and 8 bit micro's. There I have managed to get back onto my usual "hobby horse" but honestly !!, members promise to do something for the newsletter and then I hear nothing !!. I will not name the members but what happened to the articles on Mick Pugh (G4VPD) suite of programs for the ham radio, the map for the Flight Simulator and the articles on the Public Domain programs in the library, the list is endless ??.

So come on let me hear from you because it's you that keeps the newsletter going.

"DON'T KEEP LEAVING IT TO SOMEBODY ELSE TO DO"

\*\*\*\*\*

On a different note, CONGRATULATION's to Russ Towler and his Wife on the birth of a baby girl, I hope she dos'nt give you to many sleepless nights.

\*\*\*\*\*

Whilst in Target I noticed that they are now doing the full range of Disc Head Cleaners, so if you think that your drive is playing up it may just need a clean. The prices are as follow :-

DISK-CARE	5.25"	£ 2.30
DISK-CARE	3.5"	£ 3.95
DISK-CARE	3"	£ 6.65

Contact :- TARGET ELECTRONICS, 16 CHERRY LANE, BRISTOL, BS1 3NG.  
Tel No. 0272-421196

# BUILD YOUR OWN JOY-STICK \*\*\*\*\*

I have been asked by several club members in the past weeks if I had any diagrams of the wiring layout for a joy-stick. I made up a joy-stick myself some years ago which works well, so I have made a graphics layout showing the wiring to the pots (for those of you that might not be aware there are two main types of joy-stick ! one uses micro-switches and the other type is called a potentiometer - pot for short), some times they are called proportional joy-sticks. The joy-stick control I have shown is of the pot type and is refered to as a two axis joy-stick, it controls in two directions, vertical and horizontal in our case.

I purchased mine from the Maplins magazine, but they now have a shop in Gloucester road (Bristol), my own joy-stick is a two axis, 220k pot but a 100k pot will do just as well, you can buy them at Target Electronics as well (they are in Stokes Croft Bristol) as for the price, I don't know what they are now but I would think at least several pounds.

I hope the diagram clearly shows how to connect up the pots to the 7 pin DIN plug, remember I have shown the back end of the 7 pin DIN that is the side the wires are connected to, you will need a seven (7) core cable, although you will only use six (6) of them. the other bits you might find important are a box to fit the controller in, along with a push button switch for your fire button, the size of the box I have is approximately 120mm X 65mm X 40mm, and don't forget to buy some rubber feet (not for the box Stupid !! it's to stop you sliding around on top of the table).

Well I think I have covered most of the points now, you might have to cut the box about to mount the controller or they might well have a box ready made.

I hope all goes well

MIKE IVORY

(don't they years just fly by, 1999 all ready)

\*\*\*\*\*

## EDITORS NOTE

Well I'm flabbergasted !!, two articles in two months and I'm looking forward to the GRAFDRAW 2 article ????

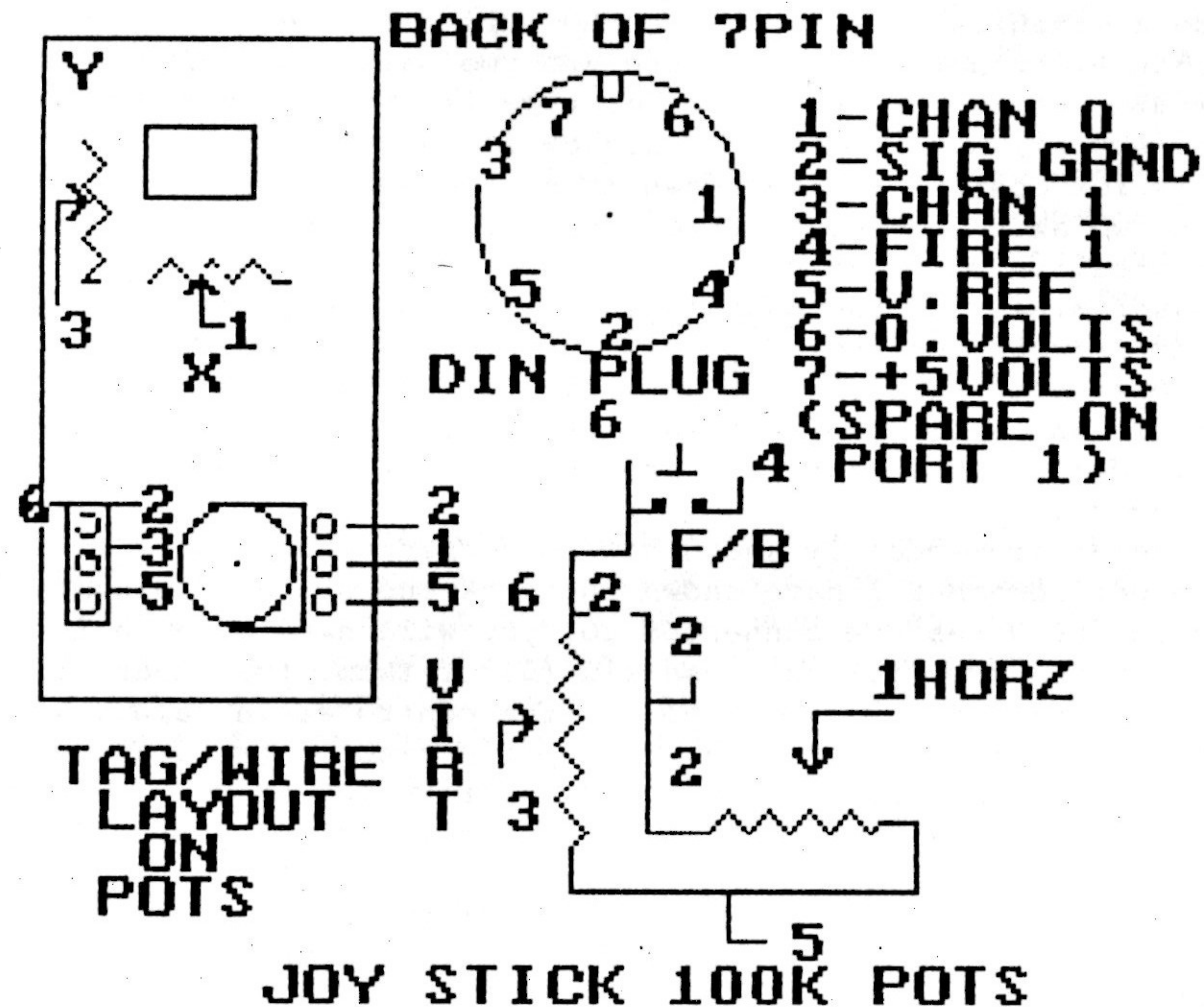
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(DIAGRAM FOR THE JOY-STICK IS ON THE FOLLOWING PAGE)

\*\*\*\*\*



DIAGRAM FOR BUILDING A JOY-STICK



# HACKERS CORNER



SPECULATOR



Well hello again folks. A lot has happended recently on the Speculator front, so those of you who havn't got a speculator had better get one if you like playing games.

Well a second speculator disc is now available with another 20 conversion routines to copy accross and play 20 more spectrum games on Albert. This is available from B+H and will probably be featured in the next Einstein User mag.

Another new product for you speculator owners is a book which explains how to get the best out of your Einstein & Speculator. The book gives detailed explanations of how to transfer most spectrum games to run on Albert. It also gives detailed instructions on how to use the CLOAD program, which you will need to transfer the headers from the spectrum games to enable transfer. The book also gives you a mod for CLOAD which turns it into a spectrum header reader. So with this book you don't need a spectrum at all. It gives all the info, mods and type in listings to enable you to start transferring most of your spectrum games.

The book is available only from EMSOFT and costs £7.00  
Well worth it!!!

Well here is another transfer routine for you spculator fans.

THE SNOWMAN from QUICKSILVA

Modify SP1.COM in the useual way,

19B0 1C23140424. <E> ( JOYSTICK MODS )

1969 010040114C1DCD5606 <E> ( MAIN MODS )

01A86111141ECD5906 <E>

01B0B3115046CD5906 <E>

ED5FA728FB32795CC3 <E>

627E. <E>



## SOFTWARE NEWS

## GrafDraw 2.0

Surrey Software Services Ltd have just released GrafDraw 2.0. This new version has all the features of the old GrafDraw and more. The new version is three times faster, takes less disk space and is easier to use. This means you can produce even more graphics and text with more speed, and yet use less space. An upgrade from 1.0 costs £5.

NEW PRODUCT

## Schedule Master

Schedule Master is Surrey Software Services latest product for IBM or Einstein computers.

The product should prove invaluable to anyone involved in manufacturing goods made up from components. Schedule Master calculates the components needed to make a selection of goods of differing quantities. Also calculated is the cost and time involved.

The program works from just one disk, and supports most printers. If you own an Einstein then you must also have an 88 column card.

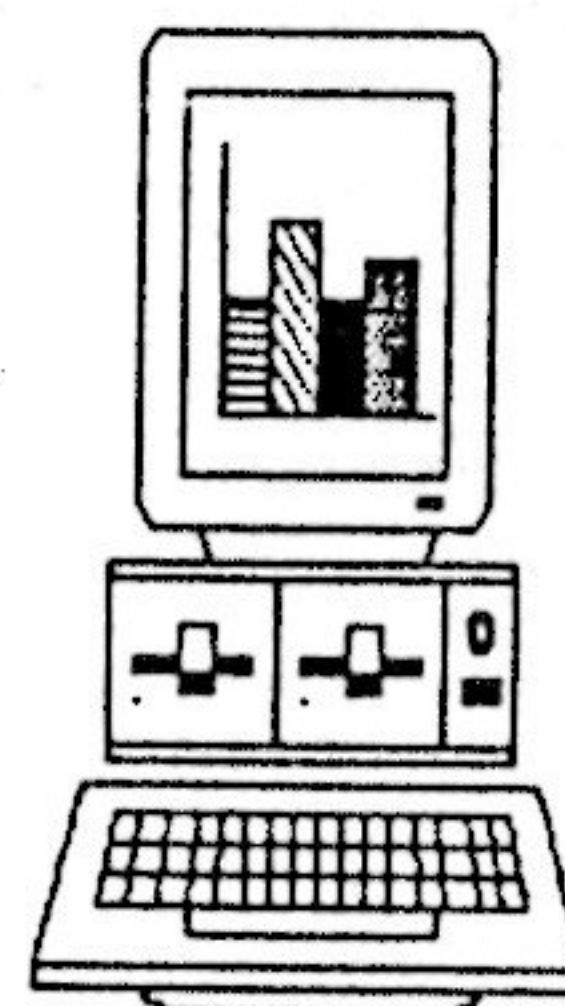
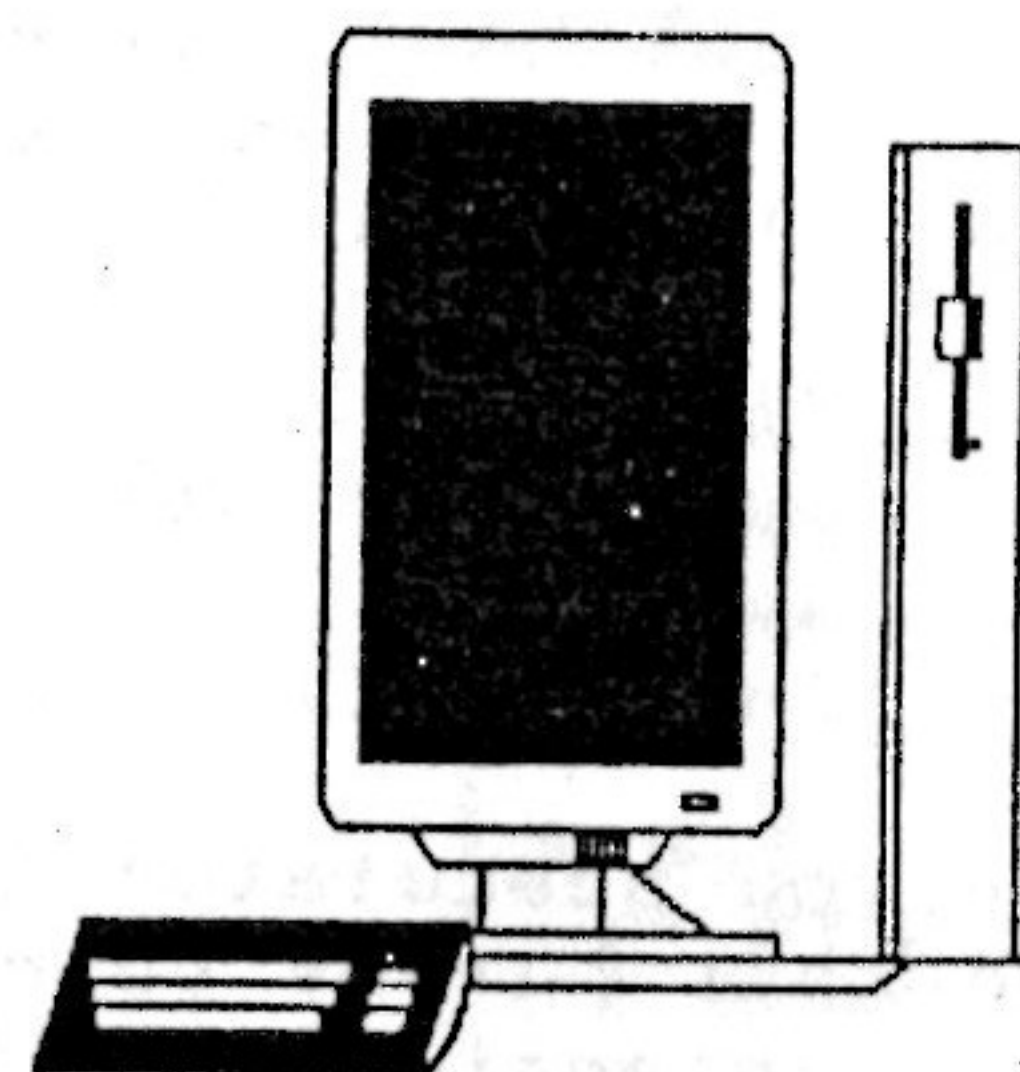
Price £39.95 Inc VAT



3S

Surrey Software Services Ltd.

Phone: (0344) 761710.



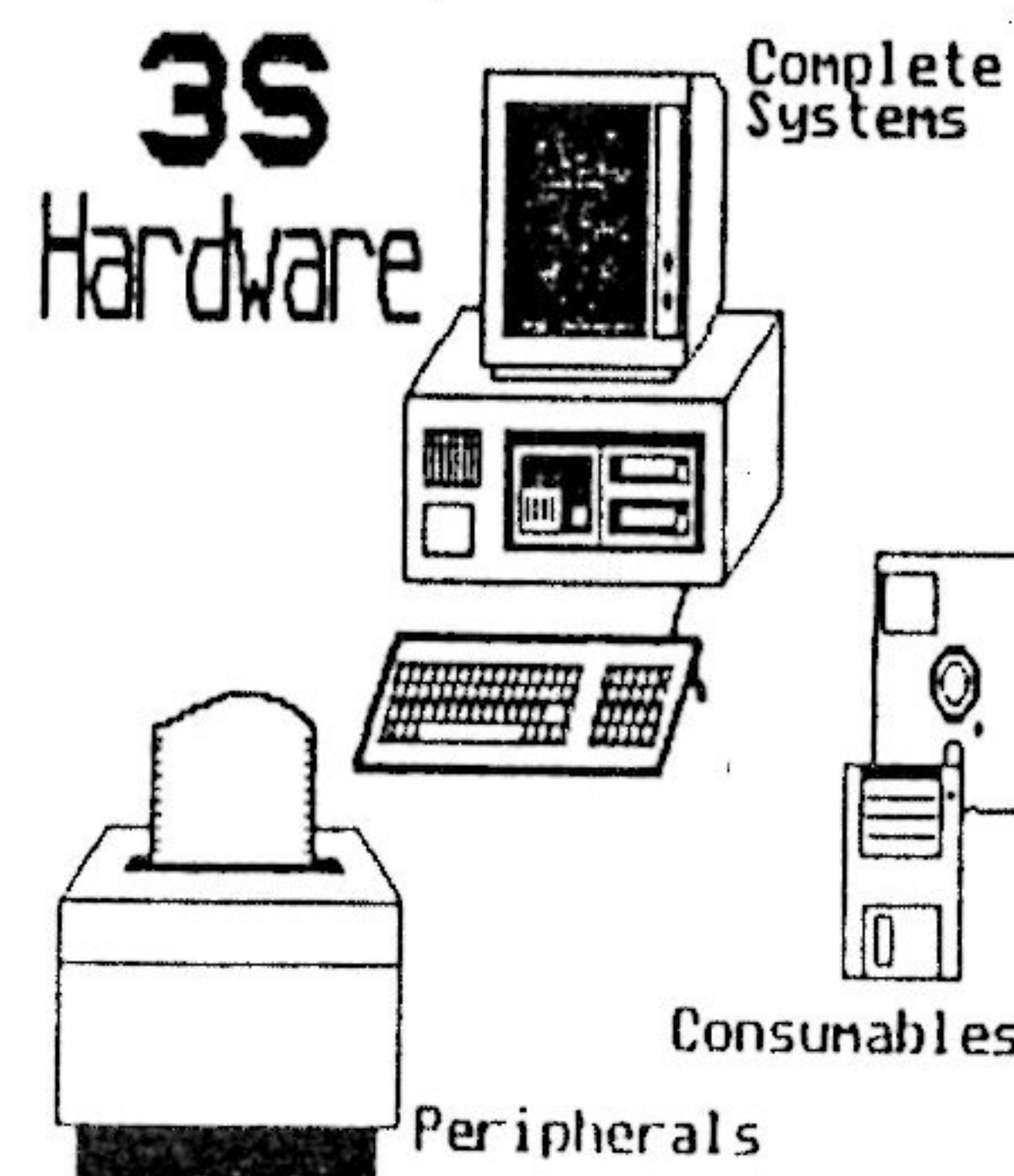
THE GALLERY,  
BROOKSIDE,  
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CAMBERLEY,  
SURREY,  
GU17 8AP.

LATEST 3S DEALS

3S are now offering complete office systems, consisting of a computer, printer, box of paper, box of disks and software. The software includes The Accounts System, WP80 Word Processor, The Simplan project planner, and BASIC.

There are four packages being offered, from the budget system at £750 up to the high powered turbo system at £2999.00.

As before, specific computers and peripherals are available. Full support is offered on all of the systems provided.



Snap up a bargain with Surrey Software.

## AMATEUR RADIO SOFTWARE

BY G4VPD (C) 1988

## CONTENTS

- 1: MORSE DECODER
- 2: SPROG CALC
- 3: RTTY DECODER
- 4: LOCATOR
- 5: MORSE TUTOR
- 6: OHMS LAW
- 7: AUDIO FILTER DESIGN AID
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EXISTING OWNERS... ONLY FOR YOUR UPDATE.



```

2 CLS: GOSUB2000
3 FORI=1TO4000:NEXT
10 CLS
20 GOSUB1210:CLS:P=125
30 FORS=0TO255STEP6
40 DRAWP,OTOS,PTOP,P:NEXT:GOSUB1210
50 CLS:FORS=0TO125STEP6
60 DRAWO,S TO P,200TO 255,P-S:NEXT
70 FORS=0TO255STEP6:DRAWS,PTO255-S,PTOS,OTOS,P:NEXT:GOSUB1210
80 CLS:FORS=255TO0STEP-6
90 DRAWP,OTOS,OTOS,PTOO,S:NEXT:GOSUB1210
100 FORS=0TO125STEP4:DRAW80,80TOO,S:DRAW175,80TO255,S:NEXT:GOSUB1210
110 CLS:FORS=255TO0STEP-6
120 DRAWO,OTOS,PTOO,PTOS,O:NEXT
130 FORS=0TO255STEP6:DRAW255,OTOS,PTO255,PTOS,O:NEXT:GOSUB1210
140 CLS:FORP=0TO125STEP4:DRAWO,OTOP,(125-P)/2TO125,63
150 DRAWO,125TOP,(125+P)/2TO125,63:NEXT
160 FORP=125TO255STEP4:DRAW255,OTOP,(P-125)/2TO125,63
170 DRAW255,125TOP,(373-P)/2TO125,63:NEXT:GOSUB1210:CLS
180 FORS=0TO255STEP5:DRAW125,OTOS,199TO125,199TOS,O:NEXT:GOSUB1210
190 FORS=0TO200STEP5:DRAW0,100TO255,STO255,100TOO,S:NEXT:GOSUB1210
200 CLS:P=255:O=200
205 FORS=0TO200STEP6
210 DRAWP,100TOO,S:NEXT:P=0:O=52
220 FORS=200TO0STEP-6:DRAWP,100TOO,S:NEXT
230 P=126:FORS=52TO200STEP3:DRAWP,STOS,S:NEXT
240 P=126:FORS=200TO52STEP-3:DRAWP,STOS,S:NEXT:GOSUB1210
250 P=126:FORS=200TO52STEP-3:DRAWP,STOS,S:NEXT
260 P=126:FORS=52TO200STEP3:DRAWS,STOS,P:NEXT
270 P=200:FORS=50TO125STEP3
280 DRAWP,STOS,S:NEXT:GOSUB1210
290 P=52:FORS=125TO199STEP3
300 DRAWS,PTOS,S:NEXT
310 P=52:FORS=125TO199STEP 3
320 DRAWP,STO S,S:NEXT
330 D=0:CLS
332 TCOL2,1:CLS:PRINTD;
335 G=RND(16):GCOLG,1
1200 END
1210 S=RND(15):L=RND(16):M=RND(16):B=RND(16):Y=RND(16)
1220 GCOLS,L: TCOLM,B:BCOLY
1230 FORJ=0TO3000:NEXT :RETURN
2000 PRINT" IT is worth running this program a number of times
to see the true beauty":RETURN

```

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