

# AMDATA

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1988

THE OFFICIAL AMSTRAD USER CLUB NEWSLETTER

## PRIZE WINNERS FROM ALEXANDRA PALACE

Thank you to everybody who visited our stand at the Alexandra Palace Show on 26-28 May. Whilst the show wasn't as busy as the previous event in February we were still delighted to meet our regular members and to welcome all of the new members to our Super Club. Database Software sponsored our prize draw and the following list shows which lucky winners won the six super Database packages.

- Mr. F. Jackson from Woking in Surrey won Mini Office Professional (PC)
- Mr. D.J. Sandford from Abingdon in Oxon won Plan It (CPC)
- Mrs. E.M. Edwards from Chawston in Bedfordshire won Desk Top Publisher (PCW)
- Mr. D.W. Edwards from Belpier in Derbyshire won Mini Office Professional (PC)
- Mr. R.M.J. Wallis from London won Plan It (CPC)
- Mr. P.E.M. Warden from Weybridge in Surrey won Master Pack (PCW)

Thank you to everybody who responded.

You need worry no more! We are the first company to source the product you have both requested and waited for. Special, high quality VDU Specs.

Suitable for Men, Women, Children and permanent spectacle wearers. This revolutionary breakthrough for a computer user has been brought about by the Official Amstrad User Club with

### EYE STRAIN? HEADACHES?

#### OR ARE YOU JUST WORRIED ABOUT THE EFFECTS OF GLARE FROM YOUR SCREEN

the support from the international manufacturers Bolle who have made household name products which includes sunglasses and ski-goggles. See inside in our 'Great New Products' section for further details and prices. But remember the manufacturers have told us that it is dangerous to use computer when taking many common drugs. Bolle VDU specs can protect YOU!

### NEW CATALOGUE

We hope you enjoy reading our new Software Catalogue which we've despatched with this newsletter and your magazine.

All of the products in this magazine have been vetted by Amstrad head office and reviewed by Amsoft Mail Orders Technical Staff.

Simply telephone us today on  
**(091) 510 8787**

and we will give free advice and support on any products which you are interested in.

### DMP 2160 NOW IN STOCK

Yes we now have a stock of DMP 2160 printers for the CPC range of computers. We are despatching them on a first come first served basis. This new model from Amstrad offers a tremendous improvement in speed over the discontinued DMP 2000 range. The package comes complete with connecting lead, operating manual and printer ribbon. At the best price in the UK today!  
CODE: DMP 2160  
non-members £159.95 **members £139.95**  
Order now with Access or Visa on  
**(091) 510 8787.**

### MODULATORS NOW IN STOCK

We now have both MP1 and MP2 Modulators in our warehouse at the best prices around. Beat the shortage and order NOW!  
CODE: MP-1  
non-members £14.95  
**members £12.70**  
CODE: MP-2  
non-members £29.95  
**members £25.45**

### DISC DRIVES IN STOCK NOW

We are delighted to announce that despite a shortage throughout the country with both FD1 and DDI-1 disc drives the User Club has stacks of each! We suggest that you purchase now because many people have had to wait months for these products became available.

**AS ALWAYS ..... BUY AT THE BEST UK PRICES!**

CODE: FD-1  
non-members £99.95 **special offer £84.95**

CODE: DDI-1  
non-members £159.95 **members £139.95**

F.F.



# GREAT NEW PRODUCTS

## STOCKMARKET

STOCKMARKET is a program designed to help you plan your investments and keep a close and careful watch on their progress.

It enables you to record full details of your purchases and sales of stocks, shares, unit trusts and other securities. Dividends can be monitored as stocks are bought and sold. It also lets you record and plot prices of shares, unit trusts, exchange rates, indexes etc.

STOCKMARKET does not have to be used only with your real investments. We all see shares recommended in a newspaper or magazine that we think will do well. Six months later if the price has gone up we wish that we had trusted our judgement, if the price has fallen we quietly forget it.

With STOCKMARKET you can record details of as many shares folios as you want. These can include hypothetical folios of "hot stocks", recovery shares, penny shares or whatever you choose. You can practice buying and selling shares and see how well you do!

The program is easy to use and comes complete with a comprehensive manual and demonstration files including real price information and going back several years for several shares (including FT 30 index and British Telecom) so that you can plot graphs straight away. For a full list of features, please contact our Tele-sales Department.

DISC CODE: STOCK 0001

members: £25.45 non-members: £29.95

## DESOLATOR

*Your mission as MAC is to fight your way through the castle owned by KAIROS - the Great Santan and free the captive infants held behind mysterious mirrors. Smash the mirrors to break KAIROS' evil spell and upon completing your quest transform into the invincible MACHOMAN and desolate all in your path.*

CODE TAPE: DESOL 001

members £6.70 non-members £9.99

CODE DISC: DESOL 0001

members £10.70 non-members £14.99

## VENOM STRIKES BACK

Matt Trakker receives a message on the MASK computer - "We have kidnapped Scott Trakker and are holding him to ransom on the moon. Unless you surrender your entire forces to Venom, you will never see him again. Signed Miles Mayhem".

Matt is faced with a terrible dilemma. To agree to VENOM's demands would give them total control over the Peaceful Nations Alliance, but to ignore their demands would surely mean Scott's life.

Can you, as Matt Trakker, rescue Scott and return him safely to Earth?

TAPE CODE: VENOM 001

members: £6.70 non-members: £9.99

DISC CODE: VENOM 0001

members: £10.70 non-members: £14.99

## DR DRAW

### TRANSFER IDEAS INTO ART

Dr Draw lets you create high-quality visual aids for business presentations and reports. Using an interactive picture editor, you can draw a wide variety of charts, diagrams and text slides - quickly and easily.

### EASY TO USE!

Dr Draw's easy-to-follow menus take you quickly through the creation of picture elements. You can select pre-programmed shapes; circles, bars, arcs, rectangles, polygons, and lines or create your own pictures by modifying these shapes, using either a mouse or the keyboard.

### DESIGN VERSATILITY

Each picture element can be revised with a few strokes of a key. Fill a shape with colour or patterns. Enlarge it or reduce it. Move it to a new location or copy it. You can also change type fonts, size, colour and location with simple keystrokes.

### SPECIAL ZOOM AND PAN FEATURES

A special feature of Dr Draw lets you zoom in for detailed work then lets you zoom back out for a view of the entire picture. If you're working on an extra-large drawing, you can pan the screen back and forth over each section.

### CREATES IMAGES ON OVERHEAD TRANSPARENCIES OR PAPER

When you've finished you can store your drawing on a disc, or you can output to a plotter or printer. Print on paper or for audio-visual presentations, on overhead transparencies.

### BENEFITS:

produce professional-quality charts and diagrams in minutes. Zoom in for detailed work. Output drawings or diagrams to printer.

CODE: DRDRAW 0002

members: £36.50 non-members: £49.95

## DR GRAPH REPRESENTATION-QUALITY GRAPHICS FOR THE BUSINESS PROFESSIONAL

Dr Graph is a comprehensive graphics program for creating graphs and text-only charts. Dr Graph makes it easy to turn complex business or scientific data into clear effective colour graphics. Using data entered manually or created with popular spreadsheet programs such as Supercalc you can quickly design effective, professional looking line, bar and stick graphs, as well as pie and text-only charts.

### FEATURES SUMMARY

- \* Simple formatting by menu selection.
- \* Line, bar, combined bar and line, pie and text-only graphs.
- \* Complete control of design labels, titles, legends, colour type styles and borders.
- \* Up to 4 graphs on one page.
- \* Variable line and bar widths.
- \* Interfaces with popular spreadsheet programs.
- \* Annotation.
- \* Store, plot or print hard copy.

Hard copies can be produced on any CPC 6128 or PCW 8256 with one or two disc drives.

DISC CODE: GRAPH 0001

members: £36.75 non-members: £49.95

## BOLLE COMPUT-IREX

### The Program

VDT users all over the world complain about the eye strain, excessive glare and general visual fatigue while operating a VDT. This condition can persist even hours after VDT operation.

### The Solution

COMPUT-IREX, (CI), is a patented, virtually shatterproof, extremely lightweight polycarbonate lens developed from space age technology.

CI Significantly reduces glare reflected from a VDT screen and excessive office lighting. It also diminishes the perception of screen flickering.

CI Selectively filters blue-violet light which is the most difficult colour for the eyes to bring into focus and is believed to be a major cause of operator eye discomfort; COMPUT-IREX also assists in the reduction of subjective sense of screen flicker through luminance reduction. CI Lenses combine with virtually unbreakable and lightweight nylon fashion frames for state-of-the-art protective eyewear.

CI Filters out the residual radiation that can be emitted from a VDT 100% of the UV and over 90% of the IR while allowing a maximum visible light to pass through to provide the operator enhanced vision.

CODE: 431-1 Bolle VDU Spec's Mens - Black  
members £32.30 r.r.p £38.00

CODE: 382-1 Bolle VDU Spec's (Unisex) Sports - Black

members £29.75 r.r.p. £35.00

CODE: 315-2 Bolle VDU Spec's Childs - Navy  
members £28.05 r.r.p. £33.00

CODE: 396A-9 Bolle VDU Spec's Ladies - Brown

members £29.75 r.r.p. £35.00

CODE: CLIP-ON Bolle VDU Spec's Clip-on Black

members £28.05 r.r.p. £33.00

## SHACKLED

Your mission as Kein is to free your comrades in arms, shackled away in a heavily guarded fortress. You have to fight your way through at the floors down to the deepest depths of the dungeons. The deeper you penetrate the enemy defences, the meaner they become, so you'll need a range of weapons to take on the attacking hordes of enemy guards. Take a friend into this hell with the two-player option enabling you to double your fire power and your chances of success - but only if you can co-ordinate your strategy success fully.

TAPE CODE: SHACK 001

members: £6.65 non-members: £9.99

DISC CODE: SHACK 0001

members: £10.65 non-members: £14.99

## CYBERNOID

Grab the controls of Cybernoid - The Fighting Machine - and destroy the squadrons of pirate craft. upgrade your Cybernoid from a humble space fighter to a spectacular Fighting Machine. Blast your way forward firing bounce bombs and impact mines annihilating all in your path with your invincible Cybermace. An orgy of video destruction from Raffaele Cecco and Nick Jones.

CODE TAPE: CYBER 001

members: £7.45 non-members: £9.99

CODE DISC: CYBER 0001

members: £11.90 non-members: £14.99



## NEBULUS

Down on the planet Nebulus all is not well. Someone or something has been building giant towers in the sea and they didn't even apply for planning permission. In the offices of Destructo Inc. you awaken from your afternoon nap with the phone almost erupting on your desk. The boss is shouting about some little destruction job he's got for you. Still half asleep you feel like throwing the phone in the bin but he starts talking about the brand new Mk. 7 Mini-Sub he's got for you and the words "pay rise" You're out of your office in a flash, leaving the phone dangling as the boss goes on to talk about the extreme danger involved...

TAPE CODE: NEB 001

members: £7.45 non-members: £9.99

DISC CODE: NEB 0001

members: £11.90 non-members: £14.99

# AMSCHAT



## DDI-1 DISC COMMAND

It has come to my attention that some of our members are experiencing problems in loading data from disc to the computer. When attempting to load data a message appears on the screen reading "Unknown Command". The reason for the fault is the CPC 464 is a tape based machine and is looking to load from the tape. The CPC 464 must be told to load from the disc drive. To put the computer into Disc mode switch the DDI-1 on first and then the computer, the computer will then default to the disc drive. If for some reason the computer must be switched on first, then you must manually put it to the disc mode. Simultaneously press the CTRL, SHIFT, and ESC keys, then type !Disc and press return.

The : symbol is obtained by pressing @ and shift.

## RUN YOUR MICROSCRIPT

Some of our members have recently purchased CPC machines with Microscript bundled with them, but are experiencing difficulty in executing the program.

To do this, first format a blank disc with DISCKIT2 ON CP/M 2.2 as a system disc. Then use the copy option of DISCKIT2 to copy the Microscript disc. To now load and run the program, simply boot CP/M 2.2 by inserting your working copy of Microscript in the drive and typing ICPM. At the A> prompt type SCRIPT and everything will load and run perfectly.

## ADDITION TO TECHNICAL

As Amstrad grows at an impressive rate, people begin to realise how much value-for-money Amstrad computers are. To make sure that an excellent service provided by the Amstrad User Club continues we have recruited a new member of staff in the Technical Department.

He is on Ext. 132, but please don't all use him at once, the other technical whizzkidds may get jealous.

## POCKET PROTEXT

Pocket Protext is simply the most powerful, fully-functional word processor currently available for the Amstrad CPC. Its incredible speed and flexibility have set new standards by which other packages are judged. It is not "yet another conversion program" but a complete system that has - from the start - been designed specifically for the Amstrad range. Pocket Protext makes full use of your characteristics, increasing its power, performance and usefulness.

Pocket Protext's fantastic features include:

- \* Unlimited file size, up to the size of your disk
- \* Two file editing. Have two separate documents loaded into memory and instantly switch between them. Blocks of text can also be moved between the two files
- \* Full word count facility
- \* Super fast screen update. Most operations such as reformatting, block moves etc. are most instantaneous for all features:
- for example, set overwrite mode or select type of printer
- \* Pocket Protext will edit ASCII files created by other word processors such as Locoscript and Wordstar
- \* Supports any serial or parallel printer, including the PCW printer, without the need for any additional software
- \* Includes all standard options such as rulers, markers, headers and footers, multiple canopies, odd and even page features etc.
- \* Complete find and replace routines- global, word only, case specific, backwards, count, replace all, reverse direction.

DISC CODE: POCKET 0001

members £21.20 non-members £29.95

## LAZER TAG

Transport yourself to the year 3010 where competition and sport have replaced blood and thirsty lust for violence and confrontation. Yes, you'll experience the danger of combat. Yes you'll feel the rush of adrenalin as you face your challenge. But this battlefield does not render injury, it creates a fever pitch atmosphere of nerve jangling exhilaration and pulsating excitement. Sharpen your reflexes and test your energy levels as one round of Lazer Tag makes the ultimate demands of concentration and skill on your mind and body alike.

TAPE CODE: LAZER 001

members: £6.70 non-members: £9.99

DISC CODE: LAZER 0001

members: £10.70 non-members: £14.95

## SILICON DREAMS

Taking the role of Kim Kimberley and one of his descendants you are a leading participant in the colonization of Eden, a planet prepared for human habitation by an advanced guard of intelligent robots, who battle with the native and highly aggressive fauna. In this highly structured and realistic environment you must move your mind into the twenty third century.

SILICONE DREAMS FEATURES:

- \* Over 600 illustrations
- \* Over 13 million locations
- \* Huge 1800 word vocabulary
- \* Ultra fast response times

- \* New language interpreter
- \* Multi command sequences

\* Type-ahead and multi-tasking

CODE CPC TAPE: DREAMS 001

members: £11.90 non-members: £14.95

CODE CPC DISC: DREAMS 0001

members: £15.90 non-members: £19.95

## A QUESTION OF SCRUPLES THE GAME OF MORAL DILEMMAS

A Question of Scruples is a unique adult game that dares you to face up to some intriguing moral dilemmas. You are posed a variety of provocative questions which determine whether you and your friends have scruples. The computer version is ingenious and funny. You can play by yourself or with friends. All participants choose a computer persona from a gallery of interesting pseudo personalities - you'll soon get to know them like old friends. You have the opportunity to answer truthfully "would you appear nude in a magazine for money" - or to deceive - "have you ever gone through a red light in an empty street at 4am?" Either way you could be called upon to justify your reply by the other players - the Jury. Through bluff and counterbluff, truthfulness and deception, Computer a Question of Scruples will surprise you - not least when the computer catches you out.

TAPE CODE: SCRUP 001

members: £6.70 non-members: £9.95

DISC CODE: SCRUP 0001

members: £10.70 non-members: £14.95

## MASTERCALC 128

The latest and most comprehensive spreadsheet program for the CPC 6128 at such a low price.

### FEATURES:

- \* Large capacity, room for 7,000 cells eg. 100 rows x 70 columns.
- \* Uses the full 128k RAM of the CPC 6128 or extended 464/664
- \* All values stored as signed 8-byte floating point
- \* direct totals and sub-totals by row or by column
- \* Up to 99 formulae, each allowing complex arithmetic expressions
- \* Formulae can have conditional terms
- \* Recalculate by row or by column
- \* Text can be keyed directly anywhere on a plan
- \* Text in a cell can be "ragged" left or right
- \* Plan can be "folded" to keep distant columns in simultaneous view
- \* Toggle between 40-column and 80-column mode
- \* Screen can be split horizontally and two independent windows
- \* Repeat-last-value facility
- \* Text print with many printer options
- \* High res screen snapshot for Epson-compatible printers
- \* Graphic histogram of 1,2, or 3 rows
- \* Colour trim
- \* Load/Save/Drive select/CAT options
- \* User BASIC option for data manipulation

FULLY MACHINE CODED, WITH FAST MEMORY BANK-SWITCHING  
Detailed manual with illustrated tutorial  
**APPLICATIONS INCLUDE:** Bank Statement; Sales Analysis; Household Budget; Profit & Loss Trend Analysis; Project Control and Costing; Financial Forecast  
DISC CODE: CALC 128

members: £25.95 non-members: £34.95

## WOULD YOU LIKE TO SAVE SOME CASH FOR YOUR HOLIDAYS? SUPER SUMMER SAVINGS AVAILABLE HERE

We have a super stock clearance for our members this summer. For a period of four weeks we are offering tremendous savings of selected lines until stocks last...

### CATASTROPHIES

CODE: SOFT 1934

Retail Price £12.95 Sale Price £2.95

### MUTANT MONTY

CODE: SOFT 1922

Retail Price £12.95 Sale Price £2.95

### JAMMIN

CODE: SOFT 1911

Retail Price £12.95 Sale Price £2.95

### QUACK A JACK

CODE: SOFT 1181

Retail Price £12.95 Sale Price £2.95

### THE SCOUT STEPS OUT

CODE: SOFT 1988

Retail Price £12.95 Sale Price £2.95

### ALEX HIGGINS POOL

CODE: SOFT 1964

Retail Price £12.95 Sale Price £2.95

### BRAXX BLUFF

CODE: SOFT 1955

Retail Price £12.95 Sale Price £2.95

### ROLAND GOES SQUARE BASHING

CODE: SOFT 1937

Retail Price £12.95 Sale Price £2.95

### SHAPE & SOUND

CODE: SOFT 07037

Retail Price £12.95 Sale Price £2.95

### ELECTRO FREDDY

CODE: SOFT 1144

Retail Price £12.95 Sale Price £2.95

### ROLAND IN TIME

CODE: SOFT 1170

Retail Price £12.95 Sale Price £2.95

### DOORS OF DOOM

CODE: SOFT 07047

Retail Price £13.95 Sale Price £2.95

### PUNCHY

CODE: SOFT 1150

Retail Price £12.95 Sale Price £2.95

### 3D BOXING (K/J)

CODE: SOFT 07025

Retail Price £12.95 Sale Price £2.95

### NUCLEAR DEFENCE

CODE: SOFT 07031

Retail Price £13.95 Sale Price £2.95

### MASTERFILE 464

CODE: SOFT 914

Retail Price £24.95 Sale Price £14.95

### MASTERCALC

CODE: SOFT 905

Retail Price £24.95 Sale Price £14.95

### SCREEN DESIGNER

CODE: SOFT 197

Retail Price £14.95 Sale Price £7.95

### EASY AMSCHAT

CODE: SOFT 153

Retail Price £19.95 Sale Price £12.95





Mr. S.J. Hollis of Liverpool writes,  
Dear Sir  
I have a CPC 464 and recently fitted a 6128 Rom to it. In my Rom box I have the 64k Rom and the 6128 Rom. Is there any way I can experience the advantage of using both these Roms?

Your sincerely,

Stephen John Hollis.

#### EDITOR REPLIES:

First of all thank you for writing to us again. It's great hearing how members are progressing with their computers. Unfortunately Mr. Hollis there is no way of using both Roms. The reason for this is because the Roms in the Rom box are mapped to a different area of memory. Keep up the good writing.

The Editor.

Mr. D.G. Morgan of Sheffield writes,  
Dear Editor.

My son has a CPC 6128 with colour monitor and an FD-1 second disc drive. While John was playing a game on his machine the internal drive failed. The computer is no longer under guarantee, at the present moment I am not able to get it repaired.

The computer is used mainly for playing games although I also use it for my monthly accounts. Would it be possible to load and play my sons games from the second drive until the internal drive is fixed?

Yours.

Daniel Morgan.

#### EDITOR REPLIES:

Well, Mr. Morgan, you will be pleased to hear that it is possible to load your son's games from the 2nd disc drive although it would be advisable to get the internal drive fixed as soon as possible.

To load games from the second drive switch the FD-1 drive on first and then the computer. When the 'ready' prompt appears type 'B' and press return, (make sure you do have a disc in the drive before pressing return).

The 'ready' prompt will re-appear, you can now load your game as normal. Hope this has been of some help.

Kind regards,

The Editor

# COMPEITION

## LAST MONTHS COMPETITION

We at the User Club thought that last months competition would have been a brain teaser. Unfortunately we were wrong, there were many entries and most of them were correct. This proves one of two things, either the User Club entries are becoming too easy or there are many User Club members who are part-time safe crackers.

N

S1	D	S3	W1	D			
E3	END	S3	N1	W2			
W	N2	W1	E2	S2	S1	E	
D	N2	N1	N1	W3			
E1	N2	W2	E1	N3			
			S				

The start button was of course N1 and the dummy buttons are labelled D. The first entry to be pulled out of the cut-down beer-barrel was David Richardson of Stalybridge in Cheshire. Well done Mr. Richardson, your £25 gift voucher is winging its way to you now, treat yourself to something of your choice for your CPC compliments of the User Club.

## THIS MONTHS COMPETITION

This months super tricky competition was sent in by Mr. N. Service of London.

The problem is seating arrangement at a boardroom meeting. Make sure you read the text carefully.

At a meeting in a particular form six people are sitting at the circular boardroom table. They belong to different departments of the firm: Accounting, Purchasing, Research, Production, Sales and Personnel. Each is using a different writing instrument: these include a pencil, a blue ballpoint, a black felt-tip, a fountain pen, a black ballpoint, and a red felt-tip. Each has a different drink in front of them, between them the drinks are: black coffee without sugar, white coffee with sugar, tea with sugar, white coffee no sugar, black coffee with and tea without sugar. Using the following facts work out where Mr. Drake, Mr. Sparrow, Miss Wren, Miss Martin, Mrs. Jay and Miss Finch are sitting in relation to each other, what writing instrument they are using and what their departments and drinks are.

The person who is writing with a fountain pen is not drinking unsugared tea. Mr. Sparrow is sitting to the left of the Research person. Miss Martin is not from Research. The people from the Sales and Production Department are of the same sex.

The person who is drinking black coffee with sugar is a neighbour of the person drinking tea with sugar. The people drinking black coffee are sitting opposite each other. Mrs. Jay takes sugar and has a cup of white coffee. The neighbour on the right drinks tea but takes no sugar. Both neighbours of the person from the Personnel Department are using ballpoints. Each person has someone of the opposite sex on either side of them. The person from Production is on Miss Finch's left. One of Mr. Sparrow's neighbours is using a red felt-tip. Miss Finch never drinks black coffee. The person who is writing in pencil does not take sugar in their black coffee. The person with the black felt-tip is on the left of the person from Production.

Please send your competition entries to us as soon as possible and clearly state your membership number and machine type. The first lucky person to be pulled out of the cut-down beer-barrel will receive a £25 credit voucher that can be spent on anything sold by the User Club. **HAPPY PLANNING!**  
The Editor.

Mrs. P. Tompkins of Hull writes,

Dear Sir Madam.

I own a CPC 6128 colour computer and am progressing satisfactory when using it for Basic Programming. There is one task I cannot perform, that is displaying how much memory the programs I write take up. Could you please advise me how to do this, as it is not featured in the manual?

Yours sincerely,

Penelope Tompkins.

#### EDITOR REPLIES:

I was quite amazed by the amount of members who have queried this problem in the past, so this month I thought I would feature it in the newsletter to help anyone else. The command is very straightforward and simple. Once you have entered the program type the lines below:

Clear

Print Himen - Fre (" ") - 370

The amount of memory your programs take up will now be displayed in the form of bytes. Hope this has been of some use to you.

Kind regards,

The Editor.

Mr. Robert Stott of Suffolk writes,

Dear Sir.

I have recently started writing a program to re-define the character set. However, I find that I need to convert a binary string to decimal in order to place it into the character RAM. I am using a CPC 464 and there is no DEC function on my machine. Could you please tell me how I can do this?

Yours hopefully,

Bob Stott.

#### EDITOR REPLIES:

You will be glad to know Mr. Stott that the small routine listed below will allow you to do this. Simply transfer the variable holding the binary string into a\$ and incorporate line 20 in your program.

The decimal equivalent of the string is returned in the variable dec.

```
10 INPUT a$
20 dec = 0: x=LEN(a$):FOR l=1 TO x:
   dec = dec * (MID$(a$,l,1)="1")
   * 2 ^ (x-l):NEXT
```

30 PRINT dec.

Kind regards,

The Editor.

An Amstrad CPC 464 colour, twin discs, vortex 512kRam, Hisoft Devpac, CP/M, Hisoft Pascal, C, Mix C, Printer Lead, Joystick, Manuals and some games.

All this software and hardware cost £800.  
Offers wanted around £400.

For further details contact:  
Mr. C.F. Hill on 0295 62680  
(evenings only).

The following list of games are for sale on the CPC both tape and disc.

Trantor Tape £5.00

\* Gauntlet Disc £6.00

\* Sai Combat Tape £4.00

\* F15 Strike Eagle Disc £6.00

\* Fairlight Tape £4.00

\* Subterranean Striker Disc £2.00

\* Barbarian Disc £5.00

For further details contact:  
Simon Thompson on 0272 260091

The following games are for sale on disc. Elite, Live Ammo, Monopoly, Trivial Pursuit and Mini Office II are for £10. Impossible Mission and Combat School for £8. A Light Pen for £12.50, Jack the Nipper I for £6 and the CLassic Collection I for £7.

For further details contact  
Mr. Doyle on 0428 712140

## ACKNOWLEDGMENTS

All Prices are correct at time of going to press - all prices include V.A.T.

**THE OFFICIAL AMSTRAD USER CLUB**  
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