Gemini

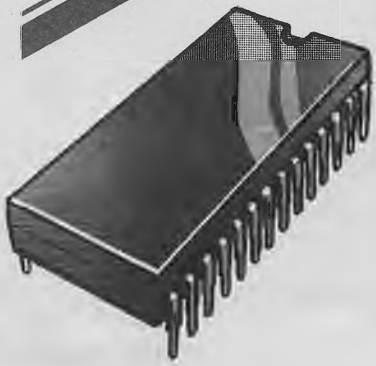
Leisure & Business Software

November/December '83

NEW!
Electron Software now available-see inside

Under Development

Rom Chips for BBC 'B' 32K



- Work now in progress by Gemini's team of Machine Code Programmers.
- Database ROM coming first. Other exciting ROMs to follow!
- Vastly increases speed and capacity of any BBC Micro with disk drive(s).

MICRO COMPUTER BUSINESS SOFTWARE

Gemini

October '83

	BBC MICRO A OR B 32K	ELECTRON (NEW)	TORCH D = 80 Track	SINCLAIR SPECTRUM 16K	SINCLAIR SPECTRUM 48K	SINCLAIR ZX 81	DRAGON 32K OR 64K	COMMODORE VIC-20 16K+	COMMODORE 64	SHARP MZ 80A	SHARP MZ 80B	SHARP MZ 80K	ATARI 400/800	ORIC 48K
DATABASE	C 0101 £19.95 D 0101 £23.95	C 1601 £19.95	D 0201 £24.95	C 0301 £19.95	C 0401 £19.95	C 0501 £19.95	C 0601 £19.95	C 0701 £19.95	C 0801 £19.95	C 0901 £19.95	C 1001 £19.95	C 1101 £19.95	C 1301 £19.95	C 1501* £19.95
STOCK CONTROL	C 0102 £19.95 D 0102 £23.95 R 0102 * £39.95	C 1602 £19.95	D 0202 £24.95	C 0302 £19.95	C 0402 £19.95		C 0602* £19.95	C 0702 £19.95		C 0902 £19.95	C 1002 £19.95	C 1102 £19.95		
INVOICES & STATEMENTS	C 0103 £19.95 D 0103 £23.95	C 1603 £19.95	D 0203 £24.95				C 0603* £19.95	C 0703 £19.95		C 0903 £19.95	C 1003 £19.95	C 1103 £19.95		
SPREAD SHEET ANALYSIS	C 0104 £19.95 D 0104 £23.95	C 1604 £19.95	D 0204 £24.95				C 0604 £19.95		C 0804* £19.95					C 1504* £19.95
CASH BOOK ACCOUNTING	C 0105 £59.95 D 0105 £59.95		D 0205 £59.95		C 0405 £29.95				C 0805 £29.95					
FINAL ACCOUNTS	C 0106 £59.95 D 0106 £59.95		D 0206 £59.95		C 0406 £29.95				C 0806 £29.95					
HOME ACCOUNTS	C 0107 £19.95 D 0107 £23.95	C 1607 £19.95	D 0207 £24.95	C 0307 £19.95	C 0407 £19.95		C 0607 £19.95	C 0707 £19.95		C 0907 £19.95		C 1107 £19.95		
EASI-LEDGER	C 0108 £19.95 D 0108 £23.95	C 1608 £19.95	D 0208 £24.95	C 0308 £19.95	C 0408 £19.95		C 0608 £19.95	C 0708 £19.95		C 0908 £19.95	C 1008 £19.95	C 1108 £19.95		
GRAPH PLOT	C 0109 £19.95 D 0109 £23.95	C 1609 £19.95	D 0209 £24.95	C 0309 £19.95	C 0409 £19.95									
WORD PROCESSOR	C 0110 £19.95 D 0110 £23.95													
MAILIST	C 0111 £19.95 D 0111 £23.95 R 0111 * £39.95	C 1611 £19.95	D 0211 £24.95	C 0311 £19.95	C 0411 £19.95		C 0611 £19.95	C 0711 £19.95		C 0911 £19.95	C 1011 £19.95	C 1111 £19.95		
PAYROLL	C 0112 * £39.95 D 0112 * £39.95		D 0212 * £39.95											

Please Note:
Part Numbers prefixed by 'C' are supplied on cassette.
Part Numbers prefixed by 'D' are supplied on 40 track disk.
Part Numbers prefixed by 'R' are Random Access Disk Based.
Programs marked with an asterisk * . . . to be launched Autumn 1983.

Program Summary

Database: The Gemini Database Management System is a program designed to enable the user to store all types of information in similar format to a card indexing system. The program will ask you for the headings under which you wish to store the information on a 'card'; i.e. for a record collection database these might be 'Artist', 'Song', 'Composer', etc., or for example in a database set up for a business application, a set of headings could be 'Name', 'Age', 'Salary', 'Department', 'N.H.I. Number', etc.

Having set up your fields, you may then add information to the 'cards' under the headings you have elected. Gemini databases contain other important and useful utilities as well, e.g. alphabetical and numerical sorting, numeric calculations, finding records that meet specific requirements, line printer routines, browsing facilities, etc.

Strongly recommended as an invaluable program for home, business or educational requirements.

Mailist: Gemini s Mailist program will enable you to keep a record of names and addresses and then print, examine, sort and find them, all with special selection techniques. All our mailists contain our exclusive 'SEARCHKEY' system, giving you the option of creating your own dedicated coding system for each name on file. For example, on most mailing list systems, you are only given the standard heading such as name, street, town, country, postcode etc. With the Gemini searchkey system, you could find, say, all names on the file that are companies having a turnover in excess of '50,000' or all names that are subscribers who are behind in their subscriptions or all names that are eligible for a Christmas card this year!

A full and useful range of routines is included in the menu, and the program allows you to set up your own format for printing labels, i.e. the tab settings you require and spaces between labels etc. Multiple copies can also be printed.

Spread Sheet Analysis (Beebcalc): Perhaps the most commercially successful item of business software yet written, the Gemini Spread Sheet processor offers a very wide range of invaluable calculation and editing features.

Consider, for example, a Cash Flow forecast containing rows and columns of figures, combined with text and numbers. If, say, the cash receipts for January need to be changed, it would normally be necessary to delete and re-calculate several figures for each successive month.

With BEEBCALC however, an on screen' amendment to the January figure is made, and the corrected figures for each successive month automatically appear upon touching the 're-calculate' key.

Formulae cells in the table may be specified which relate to each other and then copied RELATIVELY or ABSOLUTELY to other parts of the program, which in itself is modular, and directly linkable to other Gemini programs.

BEEBCALC has a complete range of inbuilt data entry and formatting techniques, and the structure of the table may be amended at any stage. Of course, full printer facilities are included which allow for either the table to be printed or just the data and formulae relating to the table. Another important feature, any valid BBC BASIC formula is acceptable as data entry making the system immensely powerful and versatile. BEEBCALC's sister program, BEEBPLOT will take data from disk or tape files created by BEEBCALC to provide data portrayal in graph, histogram or pie chart format.

Home Accounts: Designed as a complete Home Accounting package, this program allows the user to set up a budget for items of household expenditure and compare actual expenditure with budget. A running total of all surpluses and deficits is available both as digits, and in the form of a bar chart.

A complete Bank account routine is included, together with suggested expenditure categories such as mortgage, rent, rates, telephone, gas, electricity etc., however these may be deleted or augmented without difficulty.

Easiledger: Contains routines to enable the small businessman to keep a record of one of the most important aspects of his business—cash flow.

EASILEDGER is essentially a debit/credit ledger system which can handle sales, purchase and nominal ledger routines to provide instant management information. Its flexibility lies in its ability to produce account balances instantly for debtors and creditors, together with a record of all transactions, dates and references. A year-to-date summary of sales, purchases, receipts and payments over the twelve month period is also provided, as is a complete INTERACTIVE bank account database.

EASILEDGER is a management aid software tool and is designed to run alongside an existing accounting system. If you operate a cash based business and require a complete accounting package to produce the accounts to trial balance and beyond then we recommend you consider using both the Easiledger and Cashbook programs together.

Stock Control: A complete range of Inventory Control features are built into Gemini's stock program, and these can be summarised in the following illustration:

You have a stock of products. With the Gemini program you may enter details of each product onto a record card on the computer with details of your own existing part number (if any), a description of the product, the unit quantity (i.e. one, a gross, a pair, etc.), the cost price per unit, the selling price per unit, a specified minimum satisfactory stock level, units in stock, ordering quantity and supplier details.

The program will allow you to enter stock received, stock out, and will also give you a summary of stock items and current holding, together with details of total cost of stock, total sales value of stock, current gross margin on stock, cost of bringing stock up to minimum level, understocked items, etc.

Each stock item has its own computerised record card and you may browse through the file as a whole, or just a specified number of records. An extremely powerful program, highly recommended for inventory control in small and medium sized businesses.

Invoices and Statements: The Gemini INVSTAT program greatly reduces the time and cost of preparing Invoices and Statements by storing essential information such as customer names, addresses and account numbers, VAT routines and footer messages such as "Please remit by return", "Overdue and outstanding" etc.

Not only are Invoices and Statements produced more quickly and accurately, but pre-printed forms for them are eliminated since the INVSTAT program produces professionally formatted documents using your own printer.

Cashbook: Gemini s CASHBOOK is a complete 'stand-alone' accounting software package for the cash based sole trader/partnership business. It is designed to replace your existing cash book system and will provide you with a computerised system complete to trial balance.

Simple to use, this program will replace your manual cash and bank records and provide vital management information at any time. It will take you from sheaves of invoices and cheque book stubs to trial balance, and may, if desired, be used in conjunction with the Final Accounts package to produce complete Trading and Profit and Loss Accounts and Balance Sheets.

Typical information from CASHBOOK is as follows:

1. Summary of VAT information to enable completion of VAT returns.
2. Cumulative receipts and payments report analysed over the standard profit and loss and balance sheet headings.
3. Option for departmental analysis of sales and purchases.
4. Printout of all transactions, nominal account balances etc.
5. Journal routine for entering transfers between accounts and year end adjustment for debtors, creditors etc.
6. Trial balance.
7. Full audit trail facility.

This program is recommended not only for businessmen, but also for practising Accountants for use in the preparation of Accounts from incomplete records; a printer is essential.

Final Accounts: Requires Gemini 'CASHBOOK' module.

This program will take data prepared by your Gemini Cashbook module and produce a complete set of accounts for you in the following format:

1. Trial Balance with inbuilt rounding routine.
2. Notes to the Accounts.
3. VAT summary.
4. Profit and Loss Account with comparatives facility.
5. Balance Sheet with comparatives.

All reports may be produced at any time interval comparing actual to budget if required.

Graph Plot (Beebplot): Written specially for use with the BBC micro, this program makes full use of the high resolution colour graphics to provide an easily assimilated visual representation of numerical data.

For example monthly sales statistics comparing two years results may be instantly converted into two side by side pie charts, histograms or graphs... for easier visual comparison and assimilation.

BEEBPLOT also incorporates a built in machine code screen dump, enabling a high resolution printed image to be produced using an Epson or similar bit image compatible printer. It also interfaces with other Gemini programs such as Beebcalc and Cash Book and is particularly recommended where any kind of mathematical plotting facility is required.

Word Processor: This program provides many routines found in large and more expensive packages. With a typical word length of 5-6 letters it allows for up to 1000 words in memory at one time and is ideal for the user who wishes to write any kind of business letter on a home computer.

Features include, block delete, block insert, search and replace, edit text, display text, and many more.

Payroll: Handling most of the Payroll problems for up to 50 employees, this program is user friendly being menu driven, easy to use and supported by comprehensive documentation.

It shows gross pay, net pay and overtime for hourly, weekly or monthly paid employees, and holds most P.A.Y.E. and N.H.I. data together with essential S.S.P. information.

Payrolls are automatically analysed under departmental heads and the most frequently used P.A.Y.E. forms such as P14, P35 and P60 printed when required.

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MICRO COMPUTER BUSINESS SOFTWARE

Games — Leisure Software

Designed to make the most of your Home Micro. Gemini games will provide endless hours of fun and entertainment for children aged 8- 80!

LIBERATOR

BBC model B 32K C 0162 £9.95

Following the attack on your planet by the mutant raiders you find that some hostages have been taken

It is your mission to rescue these hostages flying your new warp ship

On coming out of warp drive you materialise over a flat plain which is crossed with the mutants' power pyramids To gain sufficient energy to rescue the hostages you need to drain power from the pyramids with your photon blasters BEWARE! The red pyramids blast back if you let them past your ship!!

Once the plains have been traversed you enter a mountain tunnel, which in turn is followed by a defended valley After the valley you can pick up the hostages with your transporter beam

After a successful rescue, you safely deliver your people home and then set out on another mission..... but this time the mutants are waiting for you!!

This game can be played with either a joystick or using the BBC keyboard

TAX MAN

Sharp MZ 80K C 1168 £9.95

The money vault has been invaded by the dreaded TAX MEN, who are intent on eating up all your money, and you as well, if they get the chance!! All that you have to do is to eat more money than the Tax Men and then eat all of the nasty you know whos Since Tax Men do not have hearts eating a ♡ when it appears allows you to eliminate a TAX MAN and gain a cash bonus When no money or TAX MEN remain in the vaults, the game progresses to the next screen where the TAX MEN are even nastier!

MISSILE CONTROL

NEW!

BBC model B 32K C 0160 £9.95

ELECTRON C 1650 £9.95

In this game you must protect your cities from incoming missiles by shooting them down with your own To do this you must position your cross beneath an enemy missile and fire A shot from one of your three missile bases will then detonate and hopefully destroy the enemy At the end of a wave your fortunes are counted up and a new wave starts On the second wave planes and satellites fly across dropping more missiles unless destroyed

From wave 6 onwards look out for diamond shaped 'smart' missiles which avoid your explosions

You can fire from either individual bases or from the nearest base to your cross Two games can be played with either a joystick or using the keyboard

STAR GATE

Sharp MZ 80K C 1170 £9.95

The THARGH have overrun the human empire and are now besieging Homeworld At great expense the Earth scientists have created a series of STAR GATES which lead directly to the THARG home planet Your mission is to find the planet THARGON and destroy the THARG power source with a guided missile

The major problem is that your star cruiser needs prodigious amounts of energy to function The interplit inter drive will only operate in a Star Gate and normal drive uses lots of energy In addition use of weaponry and strikes by aliens further depletes energy reserves Passing through a Star Gate replenishes the energy in your ship.

Levels of skill range from Training Mission through intermediate to Galactic Ace

SLEIGH BELLS

BBC model B 32K C 0151 £9.95

Wicked Jack Frost has stolen some of Santa's presents on Christmas Eve and taken them to his secret cave. You are Santa's assistant and have to recover them, however Jack's cave is protected by Abominable Snowmen, and evil stinging bats, also blocks of snow and ice keep falling from the roof!

When you are past these obstacles and have retrieved the presents, you take them back to Santa by the same route... but you can only carry five presents per journey, so several dangerous trips are needed to make sure everyone gets their Christmas presents on time.

This game can be played with either a joystick or using the BBC keyboard.

PICKPOCKET

Spectrum 16K/48K C 0465 £7.95

PICKPOCKET depicts the struggle of Detective Sergeant Bootstrap to arrest four dangerous criminals who are at large on a crowded, ever shifting screen. Somewhere among the jostling crowd are the four pickpockets, recognisably different (but not too different) from the honest citizens around them. Each pickpocket steals at random, but the only way of finding out how much he has got away with is to arrest him; the amount he stole is then added to the player's score. The longer you wait before making an arrest, the more points the pickpocket accumulates and the more you score—but if you wait too long you run out of time and lose everything you have gained.

Your task is to manoeuvre Detective Sergeant Bootstrap so that he is standing next to a pickpocket and then to make the arrest.

CATERPILLAR

BBC model B 32K C 0153 £9.95

"Arnold" is a hungry caterpillar who has lost his way. Your job is to eat all the lettuces in the garden and avoid the poisoned mushrooms. Bonuses are given if the allowed time for eating the lettuces is beaten and as the game progresses, more mushrooms and lettuces are added and the speed increases.

As you become more skilful at the game, a second caterpillar called "Charlie" makes the game even more difficult since he must be avoided as well as the poisonous mushrooms if you are to avoid losing a life!

ATLANTIS

Sharp MZ 80K C 1169 £9.95

The legendary sunken city of ATLANTIS and its treasure has been discovered. You have assembled a team of five divers to recover the treasure... BUT... beware the monsters of the deep!!! Collect as much as you can with the five divers. Simply place the diver over the diamond shape to pick it up... HOWEVER, the monsters BITE and have a sting in their tail!!! Each time you clear one lot of treasure, the monsters grow more angry... WATCH OUT!

REACTOR

NEW

Spectrum 48K C 0466 £7.95

Controlled nuclear fission at your fingertips in a space age power station! Using fuel, radiation and time to generate massive power, enormous skill is needed to prevent a nuclear disaster!

Extra points can be gained by hyper efficiency in fuel usage and utilisation of safety procedures ....simulating in an exciting manner the problems of controlling a real Reactor.

GEMINI TRADITIONAL GAMES *Electron Compatible*

BBC model B 32K and Electron C 0156 £14.95

Using the full potential of the BBC's colour graphics, these games allow the users to achieve a sound level of competence against a reasonably proficient opponent... THE COMPUTER!

The full and comprehensive manual, contains detailed rules for playing, plus hints on how to improve your play... until you can consistently beat the computer, at which point you should be ready to take on most players for modest stakes!

Accordion

Perhaps the best and most demanding of all Patience games, Accordion offers opportunities to use imagination and concentration and is suitable for players of all levels of skill.

Beginners should play the cards one at a time, until they become experienced, when the computer will display all the cards in one deal.

Gin Rummy

A card game for two players and one of the great family of Rummy games, where your hand of 10 cards is matched against the computer. The object is to build your hand, collecting and discarding as play proceeds, until you are in a position to lay it down.

Although not a difficult game so far as the rules are concerned, to play well requires considerable expertise, judgement and memory.

Piquet

Perhaps one of the best and oldest card games in existence, Piquet is mentioned in Shakespeare and is of French origin. It is an excellent game of skill, the objects being twofold, namely to build a hand with certain characteristics, and then to win tricks. Pitting your wits against an opponent as skilled as your BBC will provide endless hours of pleasure and entertainment!

Backgammon

Although widely played in Casinos throughout the world, Backgammon is a centuries old game thought to have originated in the Near East.

It is played on a monitor presented board with set pieces which are moved at the throw of a pair of dice, and the recently introduced Doubling Dice facility is incorporated in this computer version of the game. This enables a really good player to consistently beat a weaker or wilder opponent.

Available from all good software shops or write to...

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