

Gemini

MARKETING LIMITED

AMSTRAD



ACORN
COMPUTER

SINCLAIR

Commodore

Autumn/Winter 1985 Catalogue
Introducing
Gemini's Extensive Range of
**BUSINESS, UTILITY & HOME
COMPUTER SOFTWARE**

MICRO COMPUTER BUSINESS SOFTWARE



All prices include VAT

	800 MICRO	ELECTRON	TORCH D - 80 TRACK	AMSTRAD 851-1620	SPECTRUM 48K	SPECTRUM 24K	DRAGON 32K OR 64K	COMMODORE VIC-20 128K	COMMODORE 64
DATABASE	C.0101 £19.95 D.0101 £23.95	C.1601 £19.95	D.0201 £24.95	C.1801 £19.95 D.1801 £26.95	C.0401 £19.95	C.0501 £19.95	C.0601 £19.95	C.0701 £19.95	C.0801 £19.95 D.0801 £24.95
STOCK CONTROL	C.0102 £19.95 D.0102 £23.95	C.1602 £19.95	D.0202 £24.95		C.0402 £19.95		C.0602 £19.95	C.0702 £19.95	C.0802 £19.95 D.0802 £24.95
INVOICES & STATEMENTS	C.0103 £19.95 D.0103 £23.95	C.1603 £19.95	D.0203 £24.95					C.0703 £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		
CASH BOOK ACCOUNTING	C.0105 £59.95 D.0105 £59.95		D.0205 £59.95	C.1805 £59.95 D.1805 £65.95	C.0405 £29.95				C.0805 £59.95 D.0805 £64.95
FINAL ACCOUNTS	C.0106 £59.95 D.0106 £59.95		D.0206 £59.95	C.1806 £59.95 D.1806 £65.95	C.0406 £29.95				C.0806 £59.95 D.0806 £64.95
HOME ACCOUNTS	C.0107 £19.95 D.0107 £23.95	C.1807 £19.95	D.0207 £24.95	C.1807 £19.95 D.1807 £25.95	C.0407 £19.95		C.0607 £19.95	C.0707 £19.95	C.0807 £19.95 D.0807 £24.95
EASI-LEDGER	C.0108 £19.95 D.0108 £23.95	C.1608 £19.95	D.0208 £24.95		C.0408 £19.95		C.0608 £19.95	C.0708 £19.95	
GRAPH PLOT	C.0109 £19.95 D.0109 £23.95	C.1609 £19.95	D.0209 £24.95	C.1809 £19.95 D.1809 £25.95	C.0409 £19.95				
WORD PROCESSOR	C.0110 £19.95 D.0110 £23.95								
MAILIST	C.0111 £19.95 D.0111 £23.95	C.1611 £19.95	D.0211 £24.95		C.0411 £19.95			C.0711 £19.95	C.0811 £19.95 D.0811 £24.95
RANDOM ACCESS MAILIST	D.0121 £39.95		D.0221 £39.95						
PAYROLL	C.0112 £39.95 D.0112 £39.95		D.0212 £39.95						
VAT FILE				C.1813 £19.95 D.1813 £25.95					C.0813 £19.95 D.0813 £24.95
REPORT GENERATOR				C.1820 £19.95 D.1820 £25.95					

Please Note: Part Numbers prefixed by 'C' are supplied on cassettes. Part Numbers prefixed by 'D' are supplied on 40 track disk.

Gemini also produces some of these programs for Sharp. Please contact Gemini for further details.

Program Summary

Database: This memory based database from Gemini, which uses machine code to optimise the memory available and improve processing speed, includes the following features:

Records are presented as a completely user-definable card on the screen, with up to 15 fields of data. Main routines provide the facility to add, modify or delete records, to sort the entire file by any record, and comprehensive searches may be performed using combinations of any fields. Results of searches may be screened or printed as a summary of up to six fields, or as complete records. Calculations allow field contents to be derived from a number of other fields, which may be used for example, to give total, average, etc. Strongly recommended as an invaluable program for home, business or educational requirements.

Mallist: Gemini's Mallist 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 mallists 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.

Random Access Mallist: As above, but with extra features including: maximum 2,000 records, full text editing 3 Labels across.

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 recalculate 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, BEEBPLT 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: You have a stock of products. With the Gemini program you may enter details of each product on to 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 the 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 sheets of invoices and cheque book stubs to trial balance, and may, if desired, be used in conjunction with the Final Accounts and program.

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 (except Commodore 64 version)

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 year's results may be instantly converted into two side by side pie charts, histograms or graphs... for easier visual comparison and assimilation.

BEEBPLT 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 PAYE and NHI data together with essential SSP information.

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

VAT File: Is a program written only for the Commodore 64 at present which is designed to benefit most VAT registered businesses. It is also designed for those users who are on one of the special retailers schemes for VAT, which requires them to analyse their expenditure invoices over the various rates of VAT, in order to calculate their VAT output tax. Please consult the CBM 64 program leaflet for fuller details.

Report Generator: Requires Database C.1801 and allows you to present and print database data in user defined formats so as to:-

1. Re-arrange your record layout to meet specific printed requirements.
2. Create sets of mailing list labels from database records, up to three across your printer.
3. Create documents inserting merged fields into text, just like the expensive word-processors!
4. Design field summaries for column presentation of data, and total any given column.
5. Create any number of standard documents from one database file.

GEMINI'S MONEY-SAVING COMBINATION PACKS

Normal List Price of Programs in Pack:	Combination Pack Price	Saving
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Combination Business Pack No. 1 (CBM 64)

Contains: Cash Book (including VAT file),
Final Accounts

CO818 Cassette	119.90	89.95	29.95
DO818 Disk	129.90	99.95	29.95

Combination Business Pack No. 2 (CBM 64)

Contains: Cash Book (including VAT file),
Final Accounts, Database, Stock Control,
Mailist*

CO819 Cassette	179.75	139.95	39.80
DO819 Disk	204.75	159.95	44.80

Combination Business Pack No. 1 (BBC Micro)

Contains: Graphplot, Spreadsheet Analysis,
Payroll, Cash Book, Final Accounts

CO118 BBC 32K Cassette	199.90	159.95	40.00
DO118 BBC 32K 40 Track Disk	207.75	159.95	47.80
EO118 BBC 32K 80 Track Disk	212.75	159.95	52.80

Combination Business Pack No. 2 (BBC Micro)

Contains: Database, Stock Control, Word
Processor, Mailist, Invoices & Statements

CO119 BBC 32K Cassette	99.75	79.95	19.80
DO119 BBC 32K 40 Track Disk	119.75	79.95	39.80
EO119 BBC 32K 80 Track Disk	124.75	79.95	44.80

Combination Business Pack No. 3 (Electron)

Contains: Database, Stock Control, Spreadsheet
Analysis, Invoices & Statements, Mailist

C1615 ELECTRON	99.75	79.95	19.80
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Combination Home Pack No. 1 (BBC Micro/Electron)

Contains: Database, Home Accounts, Mailist,
Spreadsheet Analysis, Graph Plot

CO116 BBC 32K Cassette	99.75	79.95	19.80
DO116 BBC 32K 40 Track Disk	119.75	79.95	39.80
EO116 BBC 32K 80 Track Disk	124.75	79.97	44.80
C1616 ELECTRON	99.75	79.95	19.80

Combination Bumper Home Pack (Spectrum)

Contains: Database, Home Accounts, Graph
Plot & Mailist

CO417 SPECTRUM 48K	79.80	24.95	54.85
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Combination Bumper Business Pack (Spectrum)

Contains: Cash Book & Final Accounts

CO418 SPECTRUM 48K	59.95	24.95	34.95
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Combination Business Pack No. 1 (Amstrad)

Contains: Cash Book (including VAT file),
Final Accounts

C1818 Cassette	119.90	89.95	29.95
D1818 Disk	129.90	99.95	29.95

Serious Software for the 464/664/6128—SOFTWARE FOR PROFESSIONALS!

AMSTRAD

CASSETTE

£19.95

DISK

£25.95

Database **C.1801** **D.1801**

Stores, retrieves and manipulates data with up to 20 fields, each with 160 characters to a maximum of 1000 characters per card . . . up to 999 records available on user definable card layouts in 40 or 80 column mode . . . sorts ('Heap method'), alphabetically or numerically on subsets of data in ANY field . . . powerful searching facilities . . . uses machine code routines . . . superbly documented with simple menu driven operation . . . integrates with Report Generator program to produce standard mail-merged form letters and labels.

Report Generator **C.1820** **D.1820**

Requires Database C.1801 and allows you to present and print database data in user defined formats so as to:

1. Re-arrange your record layout to meet specific record requirements.
2. Create sets of mailing list labels from database records, up to three across your printer.
3. Create documents inserting merged fields into text, just like the expensive word-processors!
4. Design field summaries for columnar presentation of data, and total any given column.
5. Create any number of standard documents from one database file.

Graph Plot **C.1809** **D.1809**



Allows up to 255 data entries, using a sophisticated editor. Includes Pie Chart, Histogram, Formula Graph, Scatter Graph, Line Graph.
Also line of best fit, merged line graph onto histogram, standard deviation, correlation coefficient, average and many more valuable statistics.
Includes a four shade screen dump routine and utilities to enable 'Cashbook' & 'Database' files to be loaded directly.

Home Accounts **C.1807** **D.1807**

The ultimate home accounting program featuring up to 29 expenditure and 2 income allocations . . . computer aided budget design . . . bar charts of budget/actual income/expenditure . . . automatic warning if bank charges likely . . . varied printer routines . . . and many other useful features. Gemini, who have a wealth of experience in the business, produce some of the finest accounting software ever written, and ALL their experience and knowledge have been used to ensure that their Amstrad Home Accounts program will quickly establish itself as 'the best in the business!'

The Cash Book Accounting programs are designed for the small to medium sized business, whether a sole trader, partnership or limited company. All need an Amstrad 464/664/6128, an 80 or 132 column printer and cassette or disk storage.

Each program has been specially written to use the computer's huge memory and is a 'stand alone' program. However, the Cash Book and Final Accounts programs also interface to produce a superb combination pack for really serious business users, as well as practising accountants.

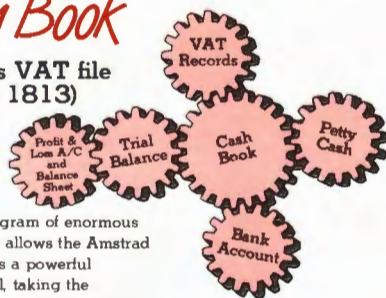
Each program is supported by a comprehensive, easily followed manual, and 'user friendly' screen prompts with error trapping routines, which make a specialised knowledge of accountancy unnecessary for the average user. The software is, however, capable of advanced accounting use, and in order to fully appreciate and interpret the Balance Sheet a discussion with your professional adviser or Bank Manager may be advisable.

We confidently recommend these programs to serious commercial owners of the Amstrad, and hope they will enable you to operate your business on a more effective, efficient and profitable basis.

Cassette C.1805 £59.95
Disc D.1805 £64.95

Cash Book

(includes VAT file
program 1813)



This is a program of enormous scope which allows the Amstrad to be used as a powerful business tool, taking the drudgery out of book keeping, and producing accurate and comprehensive management information including trial balance.

Final Accounts

This program is designed to produce a Trading and Profit & Loss Account and Balance Sheet, either from the final Trial Balance produced by Cash Book program 1805 or from any other Trial Balance making it a truly stand alone 'Final Accounts' program.
Cassette C.1806 £59.95
Disc D.1806 £64.95

**See Combination Packs
for Special Savings**

Gemini Integrated Accounting

for the BBC B and BBC B+

NOMINAL LEDGER

- 143 Nominal accounts, all user-definable.
- Posting of transactions from Sales and Purchase Ledger and Payroll modules.
- Full Cash Book facilities.
- Print out of full Trading and Profit and Loss Account and Balance Sheet with notes to the accounts.
- Full accounts produced for whatever period chosen by the user.
- Period end close down routines and complete audit trail for all transactions.
- Journal feature for adjustments between accounts and correction of book-keeping errors.
 - Reports include:
 - Account Master File showing complete code listing.
 - Cash Book entry details.
 - Journal printouts.
 - Trial Balance.
 - Trading and Profit and Loss Account with notes.
 - Balance Sheet with notes.
 - Audit Trial Enquiry for all accounts.
- Account enquiry showing movements over the period and under review including opening balance, period end adjustments and closing balance.
- Account posting masks allow conversion of analysis codes set up in other modules into selected user-defined Nominal Ledger codes.

STOCK CONTROL

Use independently or interface with Gemini Sales & Invoicing ledger.

- Inventory Master File holding part number, selling and cost price, sales and product code, current stock, location of stock, allocated items, re-order level, quantity on order, current period activity and supplier code.
- Four types of transactions - sales, returns, receipts and adjustments.
- Part enquiry routines for any stock item.
 - Reports include:
 - Part catalogue, giving stock sales and cost values.
 - Re-order report.
 - Evaluation stock list, giving stock sales and cost values.
 - Dormant parts report. Deleted parts report.
 - Stock usage report. Stocktaking sheet.
 - Stock audit report sorted into part sequence and transaction type and date.
- Screen prompt when item falls below the minimum re-order level.
- 980 stock items on 40 track disc, 1980 on 80 track disc.

INVOICING & SALES LEDGER

Use independently or interface with the Gemini Nominal Ledger and Stock Control modules.

- Maintains open-item sales ledger.
- Choice of fixed and free format invoices.
- Prints invoices, invoice copies, statements and credit notes.
- Reports include: Aged Debtors, Sales Daybook, Sales analysis by user defined code, VAT analysis, Audit trial giving copy details of all transactions.
- Automatic updating of sales ledger.
- Period end close down routines and full audit trail for all transactions.
- Examine customer status by file enquiry to screen or printer showing year to date activity.
 - Trade and settlement discount terms definable for each customer.
 - Up to 5 rates of VAT.
- 135 customers on 40 track disc system, 610 customers on 80 track disc system.
- Comprehensive analysis of invoices over unlimited, user definable sales codes.

No Second Processor Required!

Full Software Support

PURCHASE LEDGER

- Automatic posting of suppliers' invoices to Purchase Ledger.
- Comprehensive analysis of invoices over unlimited, user definable expense headings.
- Period end close down routine with posting reports, and full audit trail facilities at appropriate stages of processing.
- Purchase invoices and credit notes easily processed.
 - Supplier file with full details of each supplier.
- Maintains open item Purchase Ledger.
- Management of invoices due for payment within cash restraints.
- 135 suppliers on 40 track disc, 610 suppliers on 80 track disc.

PAYROLL

- Employee file containing: Name, address, sex, marital status, National Insurance number and contribution type, date of birth, personnel number, department, date employment commenced, all applicable tax codes, whether week 1 or month 1 applicable, hourly or salaried, pay cycle, payment type (cash, cheque or direct transfer), PAYE reference number, previous name, bank details.
- Weekly, fortnightly, four weekly or monthly employees.
- Company master file containing: Name, address, bank account number and name, bank name and branch, PAYE reference.
 - Produces cash analysis of note and coinage.
 - Employee pay details include: Gross pay and tax paid to date both current and previous employer. National Insurance contribution for employer and employee. Five rates of overtime per employee. Up to 12 standard and 5 non-standard pay elements per employee. Basic pay. Hourly rate.
 - Reports include: Payroll reconciliation, Payslips, Coinage analysis, Cheque and bank giro list, Payroll masterfile, Departmental analysis.
- Relevant data to complete Inland Revenue forms including: P11, P35, P45, P14/60.
 - 98 employees on 40 track disc, 198 employees on 80 track disc.
 - Adheres to latest legislation.

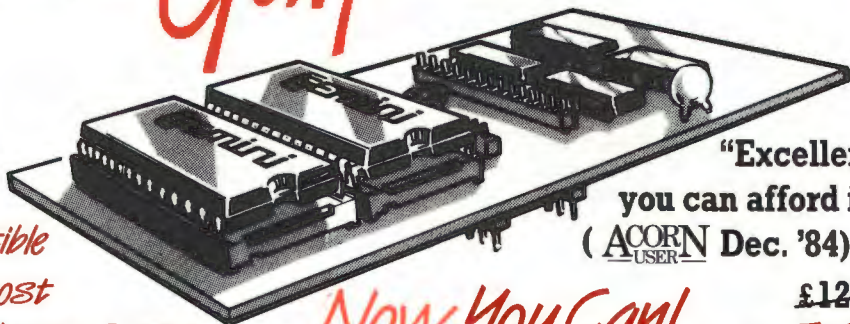


£69.95
per module
Includes 1 year
Software Support

DATA

GEM

The Definitive Random Access, 24K ROM based Database Management System for the BBC B and BBC B+.



Now compatible with most double density DFS's

"Excellent if you can afford it..."
(ACORN USER Dec. '84)

Now You Can!

£129.95

£79.95

The System Comprises:-

1. 2 EPROMs mounted on carrier board containing 24K of 6S02 optimised machine language. Carrier board may be inserted in either of two positions under keyboard or in sideways ROM board.
2. Demonstration applications disk in both 80 and 40 track format with documented examples of DataGem files. Disk contains no DataGem program code.
3. Full colour packaging consisting of A5 ring binder with professional documentation, user registration card and quick reference card.
4. Utility program named 'Trans' also supplied to allow transference of data files from all other Gemini databases.

DataGem provides many of the Spreadsheet facilities of an item like Lotus 1-2-3... Combined with a Word Processor, it forms the basis of a very competent small business system.

Personal Computer News - July 1984

DataGem stands out in terms of both price and performance. Excellent if you can afford it.

Acorn User - December 1984

- Permits just ONE file to exist over FOUR floppy disk drive surfaces with a maximum file size of at least 10 Megabytes.
- Allows up to 5100 User Definable Records.
- Maximum number of 62 fields per record, which may be any combination of the following types:-
STRING - Up to 120 characters long.
DATE - Either two or four digit year dates may be selected.
TEXT - A field with no data, allowing background text to be placed anywhere on the record. This may then be altered/moved/deleted, even after the database is in use. Up to 3000 characters of background text may be placed on the record in this way, enough for limited word processing and mail-merge.
NUMERIC
- Allows searches on any field or COMBINATION of fields to ANY depth.
- Up to 9 subsets of data INSTANTLY available and saved to disk automatically.

- Sorts alphabetical or numeric on any field, ascending or descending with NO LIMIT on the depth of sort.
- Interfaces with 'VIEW' and 'WORDWISE'.
- Includes a free format report generator for a completely flexible printing format.
- Allows the user to extend the file or add fields after having started to enter data.
- Offers a free format painted screen which scrolls 120x120, and supports extensive mathematics.
- Provides User defined field relational variables and multiple and single character wildcards.
- Exists self contained on ROM, and does not require additional utilities on disk.
- Finds the occurrence of a string or partial string in ANY field in the database with just one command.
- Mathematical Operators
+, -, *, /, multilevel parentheses (up to 50 levels), unary negation.
- Logical Operators
>, <, =, <=, <>, =, * (AND), + (OR).

GEMINI DON'T HANG AROUND!

TOTAL INTEGRATION and data compatibility between the three most important utility packages for your BBC Micro disk system - Database, Spreadsheet and Graphics. Take a look at the specification.-

DDD-Base	£29.95
DDD-Calc	£29.95
DDD-Plot	£29.95
Combo Pack all three	£69.95

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- Up to 2000 records, 1 search level subset, 26 fields/record, 2 drives, 79 chars/field
- Scrolling screen, 79x28. Interrupt driven real-time clock
- Layout printed on-screen to your design, including background text/graphics

- Fully menu driven, with powerful line editor and access to OS commands
- Default entry capability, no need for tedious re-typing of repetitive data
- Lightning search using advanced 'hashing' techniques
- Powerful maths, allowing all BASIC functions, on any field

- 10 user-defined variables to simplify complex calculations
- Multiple level 'intelligent' sort - program only sorts 'out-of-order' data
- Printed reports in record or summary format. Data spool option for transfer to other files
- **FULL DATA COMPATIBILITY WITH 'DDD-CALC' AND 'DDD-PLOT'**

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- True disk-based spreadsheet, 2000 rows, 26 columns, 52000 cells.
- Powerful line editor
- Fast, smooth machine code screen scroll with pop-down menu
- Individually adjustable column widths with text overflow

- Full relative and absolute replication
- Find and move to a row by name
- User defined variables, delete/insert rows, SORT rows with "DDD-Base"
- Send data from all or part of sheet to printer, or just print cell formulae

- Data over 1 or 2 drive surfaces
- Fast recalculation, even over large files
- All BASIC functions allowed, plus 'SUM', 'MAX', and 'MIN'. DS Calls, and real time clock
- Data spool option for queuing with other files
- **FULL DATA COMPATIBILITY WITH 'DDD-BASE' AND 'DDD-PLOT'**

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- Stunning menu driven colour graphics using the BBC's capability to the full
- Pie charts, histograms, scatter graphs, line graphs and function plotting
- Disk save of screen for instant recall within your own programs
- Superb data entry editor with up to 255 plottable data entries for text and x/y coordinates

- Automatic scaling with use override
- Screen customization allowable after plotting for background text etc., with up to 64 columns in Mode 1
- Disk save of ALL data
- Statistics facilities include mean, max, min, standard deviation, line of best fit, correlation coefficient etc.

- Colours re-definable for any plot
- Epson m/c fully SHADED screen dump with interface for other dumps on request
- **FULL DATA COMPATIBILITY WITH 'DDD-BASE' AND 'DDD-CALC'**

GEMINI

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OFFICE MASTER – only £25

*– the complete accountancy package for the
small business user*

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ON
STANDS
30/31**

**This
voucher
is worth £1
a head**



Present this voucher – or a photocopy – at the door and save £1 off the normal admission price of £3 (adults) and £2 (under-16s) (Valid for a maximum of 4 people)

10am-6pm, Thursday, November 14
10am-6pm, Friday, November 15
10am-6pm, Saturday, November 16
10am-4pm, Sunday, November 17

**New Horticultural Hall
Westminster, London SW1**

Number attending: