SYSTEM DELTA

FASTER
MORE
EFFICIENT

M · I · N · E · R · V · A

Q What is System Delta?

A System Delta is the data management system you've been waiting for.,. an exciting development that opens up a whole new world to all users of BBC micros.
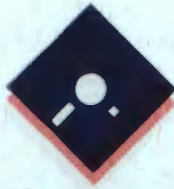
Q Why is System Delta superior?

A Because its tremendous versatility and flexibility appeals to the virtual beginner experimenting with data handling as well as the experienced programmer with an eye to high quality, specific tasks involving multi-file operations with thousands of records.

Q How much flexibility does System Delta have?

A System Delta gives you the complete flexibility of a relational data handling system so that you can shape a program any way you like to suit your own particular domestic, academic or business needs. Thus, it provides a cost-effective investment that enables the BBC to handle previously impossible tasks.

Q What can System Delta do?

A Anything. You program in BBC BASIC which is far quicker to learn. It is unbeatable on price, and, has twice as much capability. For instance, it has over 150 commands and can handle five differently-structured files at once (each file holds up to 8,160 records). The records may be sorted and searched in any way and yet it will still find any record in a couple of seconds. Each record can be a member of up to eight distinct subsets.

It is truly at home in a Winchester, allowing each file to be up to 16,000,000 bytes long.

At school, a pupil's records could be located in three seconds. In an hotel a guest's details could be checked at the same phenomenal speed.
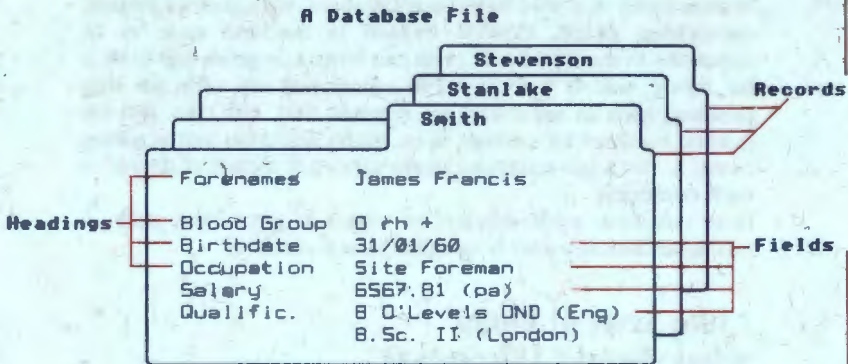
Q What is the Card Index?

A It is an electronic card index... where you can add, browse, edit, find, search, set up maths, list, or print in any format required. In fact, everything you'd expect and more. It is quick and simple to use, yet the most powerful and flexible available with the facility to customise it to your individual needs. It incorporates two further important features – the ability to sort information by any expression in an ascending or descending order and to transfer information between files.

Q How does it work?

A It is menu-driven and user friendly, and there is even a pop-up Help panel showing the available options. It can hold up to 8,160 cards, 255 fields with 200 characters per field. You can open a file, browse through it or manipulate the cards. Modifications couldn't be easier, simply go to the mistake and enter the amendment.

A Database File

```
                              Stevenson
                        Stanlake                    Records
                     Smith

        Forenames    James Francis

Headings Blood Group  O rh +
         Birthdate    31/01/60                      Fields
         Occupation   Site Foreman
         Salary       6567.81 (pa)
         Qualific.    8 O'Levels OND (Eng)
                      B.Sc. II (London)
```

By keying in the right code you can dive swiftly into the records. For example, SMI will find Mr. Smith, his address and birth date in under three seconds from among thousands of records. You can also search for records matching multiple criteria and place them into any of the eight subsets.

Numeric fields may be specified from 0 to 6 decimal places, allowing for complex mathematical calculations if required.

Q What application does System Delta have?

A System Delta represents a breakthrough in database management. A whole series of specialist applications have been written to increase efficiency and make life easier for video rental businesses, hoteliers, schools, colleges, estate agents and newsagents. More applications are under development.

Ordering, invoicing, payments, sales and purchase ledgers and full stock management are all catered for in the Personal Accountant applications. The versatile Mailshot produces labels as well as personalised letters or documents.

Any application can be written to a customer's own specification and graphs, pie-charts and histograms can be added into the package.

Q Technically, what does System Delta do?

A System Delta is a true Relational Database Management System, comprising a 16K EPROM written in machine code as an extension to the BBC BASIC. You can write a program and SAVE it for future use. It has over 150 commands not only for data handling such as open file, get records, find, edit, but also for general routines for prompt lines, menu selection and scrolling cards. A 160 page reference guide gives full technical details of each command.

Here you have sophistication on which to pitch your skills. A further technical leaflet is available to tell you how.

Q I like System Delta what should I do next?

A Buy it! Please fill in the enclosed order form and send it off with a cheque or Access card number. Telephone orders are accepted.

For further information, contact:
Minerva Systems,
69, Sidwell Street,
Exeter, Devon, EX4 6PH.
Telephone: Exeter (0392) 37756

COMPATIBLE

—For Further Information—

Please tick the boxes below and complete the questionnaire.

☐ **System Delta Reference Guide**
For programmers who write their own applications. Full technical details and example relational job costing program.

☐ **SD Mailshot**
Use with ALL System Delta files/applications. Up to 4 across labels. Mail-merged letters with WORDWISE +, VIEW, INTER-WORD.

☐ **SD Inter/View Link**
Transfer data from all applications into Inter or View products for process as graphics or spreadsheet.

☐ **SD Reporter**
User definable reports. Everything that dBASE III+ Report Writer can do and more – including averages!

☐ **SD – Order Processing/Invoicing**
The only truly flexible system. Definable invoice layout. Varied discounts. Process and store mail order AND credit customer details.

☐ **SD – Sales Ledger**
Update by invoice module if linked. Invoices, statements, daybook report, analysis, aged debtor, monthly control report.

☐ **SD – Stock Management**
Assists with the management of stock and includes economic order quantities, pareto curves. Indicates profitable items, etc.

☐ **SD – Purchase Ledger**
Flexible reporting includes suggested payments, daybook reports, remittance advices, aged creditors and monthly control reports.

☐ **SD – Nominal Ledger**
Full management analysis of Cashbook, Profit/Loss and Balance Sheet.

☐ **SD Video Rental**
Video shop management. Maximum 8160 videos and 5000 customers. Extensive reports, issues bills for each customer.

☐ **SD Hotelier**
80 Rooms, 4000 advance bookings, bills, reports, mailist, etc.

☐ **SD School Administrator**
Pupil records, class list, analysis, examination entries (upwards compatible for GCSE). The most flexible system available.

☐ **SD Newsagent**
Comprehensive management of customer accounts, paper rounds, orders and receipts of newspapers/periodicals. Graphs of Sales.

Further applications continuously under development. Apply for details.

What type of business are you in? _____

What computer model do you have? _____

Please detail your requirements/interest as fully as possible

_____

_____

Name _____

Address _____

_____ Postcode _____

Order Form

System Delta is a world first in programming and database management. You should not waste any time in finding out how it will benefit you. To order System Delta, please fill in the following form, and enclose it, with your cheque, to the address below.

If you have not received all our information and would like to know more, please tick the boxes on the reverse side and complete the questions asked. This will help us to understand what type of business or interest you have, and how best we can help you.

Code	Description	Price	
BBC32X	System Delta and Card Index Application	£64.95	☐
BBC90T	SD Reference Guide	£19.95	☐
BBC37D	SD Mailshot	£19.95	☐
BBC42D	SD Inter/View Link	£19.95	☐
BBC43D	SD Reporter	£19.95	☐
BBC34D	SD Order Processing/Invoicing	£45.95	☐
BBC35D	SD Sales Ledger	£45.95	☐
BBC36D	SD Stock Management	£45.95	☐
BBC44D	SD Purchase Ledger	£45.95	☐
BBC45D	SD Nominal Ledger	£55.95	☐
BBC33D	SD Hotelier	£69.95	☐
BBC38D	SD Video Rental	£54.95	☐
BBC39D	SD School Administrator	£69.95	☐
BBC41D	SD Newsagent	£54.95	☐

I enclose a cheque for £...

Or debit my Access No..

Please return to **Minerva Systems**, 69 Sidwell Street, Exeter, Devon, EX4 6PH. Telephone: (0392) 37756.

Name...

Address..

....

.... **Postcode**...............................