MERLIN COMPUTER PRODUCTS

DATABASE SYSTEM FOR THE BBC COMPUTER

UNBELIEVABLE PERFORMANCE AT AN UNBELIEVABLE PRICE!
THE MOST POWERFUL APPLICATIONS SOFTWARE YET TO BE
DEVELOPED FOR THE BBC COMPUTER!

RECORD KEEPING   REPORT FORMATTING

MAIL MERGE   MULTI INDEXING

CALCULATING ON NUMERICAL RECORDS

A COMPLETE INFORMATION STORAGE AND RETRIEVAL SYSTEM

**INTEGRATES WITH SCRIBE WORD PROCESSOR & DOUBLE
HIGH CAPACITY DISC INTERFACE.**

EASY TO LEARN - SIMPLE TO USE

SPECIFICATION

* Records per database - 4000 Max
* Fields per record - 96 Max
* Screens per record - 4 Max
* Access time via indexes - 2 seconds any record
* 16 level conditional search
* Alphabetical sort in ascending field order - no discernible time.
* Mathematical operators $+$, $-$, $*$, $\div$, SQ ROOT, $>$,$<$,$=$, not $=$ to,
* Decimal accuracy - 12 digits before and 8 after dec. point with constant accuracy.
* Max variables - 100.

Search facilities - Find via key field, * wild card search * Record match, all or some fields * Instring * Not instring.

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MERLIN DATABASE

Merlin Database is a database system designed exclusively for the BBC disc based computer. It provides for the structured input of text and numerical date which is stored permanently as a record on the computer. A group of records constitutes a database. Any number of databases may be created using the system.

Once created there are sophisticated facilities available for searching, selecting and drawing off information from the database by means of defining the search characteristics. This information can then be formatted by producing printed reports, lists etc.

Numerical information may have arithmetic calculations applied to it which includes accumulation of totals, multiplication, division etc. etc.

In conjunction with Merlin Scribe, Merlin Database provides a superb mail merge facility. In addition Scribe can be used as a high powered formatter to construct the report layout of information drawn from the database.

SPECIAL INDEXING FACILITIES
Up to seven automatic indexes may be set up.
An index can be defined by the user specifying one or two search conditions e.g. in a personnel database all names in a given field between M and S or ages between 20 and 50 years.

Once specified and the search complete any future reference to that index will produce instantaneous access to the records in the database which conform to these search criteria. Any records which are added to the database after the index has been set, will automatically be added to the index if they conform to the search criteria. These indexes are permanently set until re-defined.

Higher number indexes may also themselves be set to include a lower index e.g. index number 7 could include all or some of the indexes from 1 to 6.

In this way up to 16 levels of conditional search, with immediate response, may be achieved. String searches of up to 100 characters are allowed.

Further searching can be applied via the report writer if needed.

REPORT WRITER COMPILER

*   Database will integrate with Merlin Scribe word processor * Format printer output with simple forms editor
*   High powered forms layout & editing using Scribe (allows right justify) * Arithmetic calculations & accumulators * Conditional report writing * Semi programming facility for forms & report generation.

MATHS PACK

*   Accuracy - 12 digits before and 8 following decimal point constant accuracy * Square root, plus, minus, divide, multiply * Accumulators defined as variables.

SEMI PROGRAMMING FACILITY

*   Includes if, then, else, repeat until, go to, go sub, print read (next record)
*   Field names seen as variables.

OTHER FACILITIES

*   Mail merge using Scribe * Conditional mail merge * Automatic reformating of lines * Capable of conditional transfer of information between databases.

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ORDER FORM

Please supply the following:
MERLIN DATABASE £49.95   Quantity...........MERLIN SCRIBE £59.95   Quantity................
SCRIBE/DATABASE (Subject to availability) £95.00   Quantity..........P&P 60p
To: **Merlin Computer Products, 35/36 Singleton Street, Swansea SA1 3QN**
Telephone: (0792) 467980. Visa and Access accepted. CREDIT CARD NO. ....
I enclose £.............. for the above order. VISA.........ACCESS...........(please tick)
NAME ....
ADDRESS ....
....
POSTCODE ....