

# SOFTWARE UPDATE

A selection of new and forthcoming software and computer books from BBC Publications.

In addition to books and software linked with school broadcasts, BBC Publications produce computer software for a wide range of applications—from graphics games to a spreadsheet for the scientist or accountant.

The books and software listed here are on sale at software dealers and major booksellers, or by mail order using the order form.

## SOFTWARE

### Beyond Basic

#### Book

A beginners' guide to assembly language programming using the easy-to-use Basic assembler built into the British Broadcasting Corporation Micro. It covers calculations in binary and hexadecimal numbers, creating and manipulating lists, and control of graphics and sound using assembly language.

Book £7.25

**L/BE/TN**

Published jointly with NEC.

#### Software

The cassette contains over seventy programs from the book, saving users the trouble of typing them into the computer. They range from elementary memory and register manipulation to sixteen-bit multiplication and division.

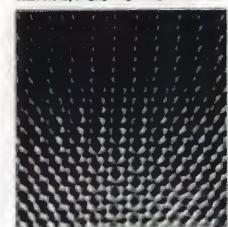
Cassette + booklet £11.50

**CD/BE/TN**

Published jointly with NEC.

### Beyond Basic

8502 Assembly Language Programming for the BBC Micro



Richard Pevsner

### The Computer Programme - Programs 1

The twelve model programs on this cassette introduce beginners to all the features of BBC Basic—from simple graphics through sorting to decision-making. The accompanying booklet explains how the programs work.

Cassette + booklet £10.00

**CD/B/TN**

### The Computer Programme - Programs 2

These programs introduce the novice to more advanced programming techniques. Like the first set of programs, they are elegantly structured and clearly explained.

Cassette + booklet £10.00

**CD/B/TN**



## Drawstick

"Drawstick is a great drawing program that can produce very sophisticated pictures for artistic, technical, and commercial purposes.

Children in the junior school find it easy to use and are soon able to create quite complex pictures; whilst older secondary pupils can use Drawstick as a computer aided design tool to create technical drawings. Teachers will also find it useful. It is also possible to use the pictures you create within a Basic program. This offers tremendous possibilities for illustrated stories.

Drawstick is very user friendly—colour changing is simple and all the commands are easy to remember. Throughout the program clear visual and sound prompts are given. This is a package that schools will find immensely valuable."

—EDUCATIONAL COMPUTING

Cassette + booklet £9.95

CD/B/-



## Inside Information

Inside Information is a new self-learning package from BBC Continuing Education Radio designed to provide a basic introduction to information technology for both young people and adults. The course assumes no prior knowledge of the subject, and is suitable for use in secondary schools, further education colleges, ITeCs and adult education centres.

The components are:

1. A 10-part radio course presented by Paul Heiney.
2. An Inside Information book.
3. Inside Information computer software for the BBC Model B.
4. Assessment and certification by the City and Guilds of London Institute (course no. 444).

A combined package containing the *Inside Information* book, software and audio cassettes will be published in Autumn 1985. Further details of this will be available from BBC Publications, 144-152 Bermondsey Street, London SE1 3TH.

### Book

An introduction for beginners to the three main areas of Information Technology—video, computers and telecommunications. Written by Jacquetta Megarry, it provides a straightforward and comprehensive guide to the subject for the newcomer.

Book £7.95\*

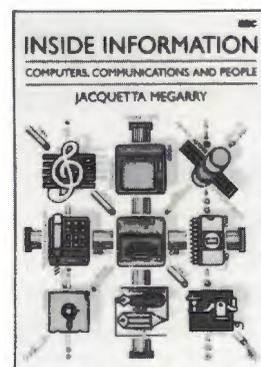
L/G/-

### Software

The software illustrates and illuminates the subject of Information Technology. Through a combination of interaction and tuition the programs clearly demonstrate the principles of computer instruction codes, databases, word processing, spreadsheets and control applications.

Cassette + booklet £9.95\*

CD/B/-



\*Approximate price

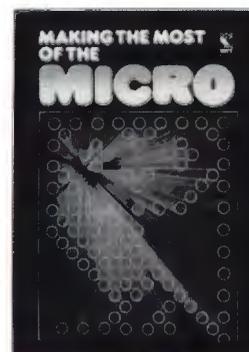
## Making the Most of the Micro

This package contains 25 programs from the BBC tv Continuing Education series, which are discussed in the book and are also available for use and examination on the software cassette. Their clarity and accessibility makes them ideal for use as models by budding programmers; they also contain

useful routines that can be incorporated into the user's own programs. The programs include games, simple graphics, animation, artificial intelligence, utilities and practical projects.

Cassette + booklet £12.95

CD/B/TN



## Open Logo

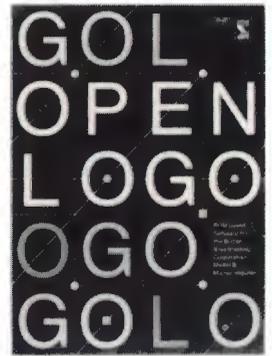
This pack provides a full implementation of Logo—the language of learning—for the BBC Model B. It has been developed by the Open University as part of the *Micros in Schools* project.

With **Open Logo**, children learn through experimenting, imagining, discovering and creating. Right from the start they can 'drive' the turtle around the screen, and use the 'paint' command to colour the shapes that it draws. They discover how to 'teach' the turtle, and move on to explore **Open Logo's** powerful list processing facilities, creating new procedures as they go and building them into the language.

**Open Logo** is powerful, flexible and modular; it copes readily with complex tasks, allows operation of up to four turtles, and can be used with the 6502 second processor and the BBC Buggy.

"Open Logo has a very friendly feel to it. The 10, 11 and 12 year olds who tried all four LOGOs currently available for the BBC machine rated this one their favourite... It is a forward looking and well thought out implementation."

—EDUCATIONAL COMPUTING  
2 ROMs + cassette + 2 books £69.95  
**R/B/TN**



## Structured Basic

### Book

A step-by-step guide to writing well-structured programs in Basic. It is designed for people who can already write simple programs in Basic using the restricted Basic available on most micros. It also assumes that you have met all the problems and limitations of a restricted Basic.

Using the best that BBC Basic has to offer, programs can show their structure at a glance. They are easy to control, test and extend, and take far less time to prepare than in any other way. This book shows you how to do all

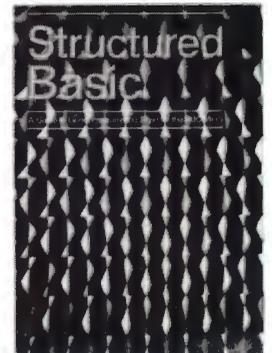
that through making use of: Top-down design; Modular design; Procedures; User defined functions; Local variables; TRUE and FALSE.

Book £7.25  
**L/B/-**

### Software

Most of the programs listed in the book are contained on this cassette, saving the user the trouble of typing them into the computer.

Cassette + booklet £11.50  
**CD/BE/TN**



## Ultracalc 2

A powerful and sophisticated electronic spreadsheet for ultra-fast multiple calculations. It has many applications for business and personal management including budgeting and cash-flow forecasts; pricing calculations; balance sheets; stock control; small databases; and scientific calculations.

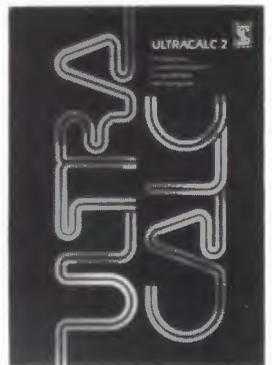
Ultracalc 2 has a number of advanced built in features such as:

- Simple communication with the program
- A full range of editing commands
- Efficient memory usage, allowing large spreadsheets to be constructed
- The handling of labels, as well as numbers, as values

- Individual variation of column width
- Display available in all screen modes
- Output can be fed to a word processor
- Operates as HICALC on the 6502 second processor, giving 44K of workspace
- Flexible printer controls.

The Ultracalc 2 pack contains a 16K ROM and a comprehensive user manual which gives many worked examples of typical applications.

ROM + book £79.50  
**R/BE/TN**

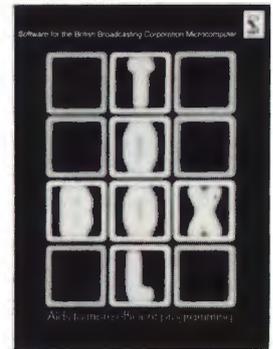


## Toolbox

A range of invaluable programming aids for the BBC Model B, written by Ian Trackman. They have proved their worth many times over – for instance, a ‘stripped’, ‘crunched’ and ‘packed’ version of a full-length program can be produced in about one minute! Other

useful utilities included here are sorting routines, RAM test, graphics dump and big character generators. The 200-page book gives detailed guidance on using each of the routines.

Cassette + book £21.00  
**CD/B/TN**



## Toolbox 2

### Book

A new collection of essential programming aids for the BBC Model B and Acorn Electron. The book includes listings for each utility, with helpful commentary and diagrams.

The utilities fall into five groups:

Basic programming  
Assembly language programming  
Graphics  
Filing system aids  
Miscellaneous

Book £10.95

**B/BE/TN**

### Software

The accompanying software pack provides all the utilities listed in the book on cassette (transferable to disc), thus saving users the trouble of typing them into the computer.

Cassette £9.95

**CD/BE/TN**



## VU-Type

Developed and published in association with Pitman Publishing Ltd, VU-Type is a powerful and versatile typing tutor that is designed to enable you to acquire or enhance typing and keyboarding skills.

VU-Type's teaching techniques are friendly and advanced.

- You learn at your own pace
- The screen display shows you which key you press
- There is no need to look at a book or the keyboard while learning
- Type what you like (freestyle) or follow an exercise
- There are drills and exercises for each finger
- Each exercise builds up gradually

- The drills adjust to give additional practice on your weak keys
- You can request reports on your speed and accuracy
- A wide range of exercises, approved by Pitman, is included.

"An absolutely first class program both in terms of content and implementation ... It includes one of the best pieces of documentation I have yet seen... The program costs £16.10 which must compare very favourably to any commercial course available."

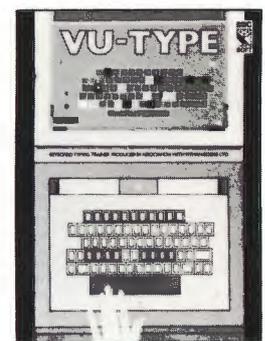
– PERSONAL COMPUTER NEWS

Cassette + booklet £16.10

**C/B/T**

Disc + booklet £18.40

**D/B/TN**



## VU-Type Professional

A more advanced course in touch-typing, designed for classroom use. It incorporates practice material based on the authoritative Pitman text *Keyboarding for All*. Like **VU-Type**, it makes full use of the BBC Model B's graphics capabilities, allowing you to choose your own colour combinations to illustrate the keyboard. There is also a wide range of sound options.

Disc + booklet £21.95

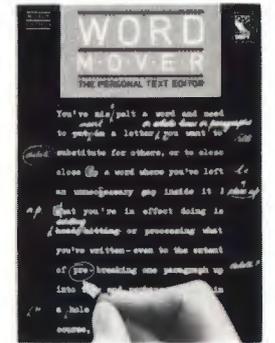
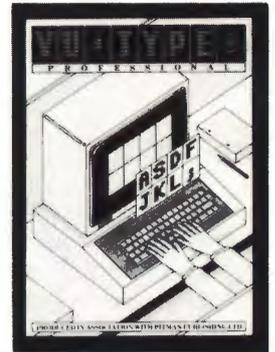
**D/B/-**

## Word Mover

This simple text editor offers many of the basic facilities of a fully fledged word processor, with none of the attendant complications. It is easy to learn and to use, and contains a wide range of display, editing and printing options. It will suit children from age 10 upwards as well as adults wanting a simple, inexpensive word processor.

Cassette + booklet £9.95

**CD/BE/TN**



## White Knight Mark 12

Computer chess expert Martin Bryant has improved and strengthened this award-winning chess program, and added new features such as a 'save game' facility, a simple board colour change, and the ability to 'switch off' and play without the program's assistance.

**White Knight Mark 12** is far superior to all other current chess games for the BBC Model B. Its estimated ELO rating is 1850+ (BCF 156+).

In problem solving mode **White Knight** is five times faster than its nearest rival, and is used for problem solving by at least one Grand Master!

Cassette + booklet £9.95

**C/B/-**

Disc + booklet £18.95\*

**D/B/T**

\*Approximate price

Throughout this leaflet BBC Model B refers to the British Broadcasting Corporation Model B Microcomputer.

### Key to Symbols

CD	Cassette, transferable to disc	E	Acorn Electron
C	Cassette, not transferable	R	RML 380Z/480Z
D	Disc	S	Sinclair Spectrum
R	Rom	T	Compatible with 6502 second processor
L	Book	N	Compatible with Econet
B	BBC Model B		



**British Broadcasting Corporation**  
**35 Marylebone High Street,**  
**London, W1M 4AA**

## Books

**Beyond Basic:** see page 1

### Computer Spreadsheets

**Nigel Day and Owen Rees**

This book, written by the authors of **Ultracalc**, gives a detailed account of the operation and facilities of computer spreadsheets. The discussion of popular products such as **Lotus 1-2-3**, **Visicalc** and **Ultracalc 2**, and the clear exposition of general principles, make this book both a superb tutor and also an invaluable reference manual applicable to all microcomputers with spreadsheet programs.

Book £9.95

L/B/-

### The Friendly Computer Book

**Jonathan Inglis**

This book explains how newcomers to computing can familiarise themselves simply, carefully and cheerfully with what a computer is, what it does and how to make it work—using the computer language called Basic. It deals with the three machines covered by the Department of Industry's aid schemes for primary schools: the British Broadcasting Corporation Microcomputer, the Sinclair Spectrum and the Research Machines 380Z. It is highly suitable as an introduction for personal use or as a primary school text.

Book £4.50

L/BRS/-

### Mastering the Disc Drive

**Chris Snee**

A straightforward and comprehensive guide to the BBC disc system. It can be used by newcomers to computing as an introduction to the system, and will also serve as a reference manual for experienced programmers.

It explains how the system works and lists all the DFS commands and the relevant OS calls. It also shows how to program the disc controller directly, and includes example programs to produce special formats, convert between 40 and 80 tracks, read ID marks, and so on. There is also a section on random access filing, with example programs including a working database, and an explanation of sorting techniques for large files on disc.

Book £9.95

L/B/-

### Mastering Music

**Programming Sound on the BBC Micro  
Steve and Aileen Gibbs**

This BBC Master Guide explains how you can exploit the full music-making capabilities of the BBC Model B. It is a comprehensive tutor, enabling users to play tunes ranging from simple melodies to sophisticated arrangements such as 'The Ride of the Valkyries'.

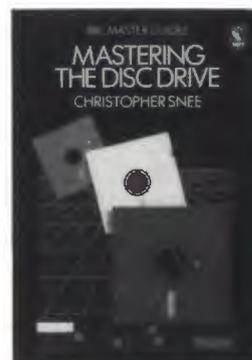
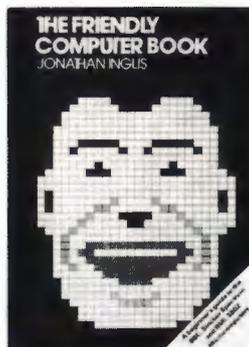
Book £6.95

B/B/-

**Structured Basic:** see page 3

**Inside Information:** see page 2

**Toolbox 2:** see page 4



## ORDER FORM

Software from BBC Publications is on sale at booksellers  
and software dealers.

You can also order by post from BBC Publications,  
P.O. Box 234, London SE1 3TH.

Please send this order form with your remittance,  
adding £1.30 for postage and packing.

No. of copies	Title	Price	Total Price £ p
_____	Beyond Basic Book	£ 7.25	_____
_____	Software	£11.50	_____
_____	The Computer Programme		_____
_____	Programs 1	£10.00	_____
_____	Programs 2	£10.00	_____
_____	Computer Spreadsheets	£ 9.95	_____
_____	Drawstick	£ 9.95	_____
_____	Friendly Computer Book, The	£ 4.50	_____
_____	Inside Information		_____
_____	Book	£ 7.95*	_____
_____	Software	£ 9.95*	_____
_____	Making the Most of the Micro	£12.95	_____
_____	Mastering the Disc Drive	£ 9.95*	_____
_____	Mastering Music	£ 6.95	_____
_____	Open Logo	£69.95	_____
_____	Structured Basic		_____
_____	Book	£ 7.25	_____
_____	Software	£11.50	_____
_____	Toolbox	£21.00	_____
_____	Toolbox 2		_____
_____	Book	£10.95	_____
_____	Software	£ 9.95	_____
_____	Ultracalc 2	£79.50	_____
_____	VU-Type		_____
_____	Cassette	£16.10	_____
_____	Disc	£18.40	_____
_____	VU-Type Professional	£21.95	_____
_____	White Knight Mark 12		_____
_____	Cassette	£ 9.95	_____
_____	Disc	£18.95	_____
_____	Word Mover	£ 9.95	_____

Plus postage/packing **£1.30**

I enclose crossed cheque/postal order for £ \_\_\_\_\_

Please debit my Access no \_\_\_\_\_

Visa no \_\_\_\_\_

Name: (Block letters please) \_\_\_\_\_

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Signature \_\_\_\_\_ Date \_\_\_\_\_

Prices subject to change. Software prices include VAT at 15%. \*Approximate price.

