

GET MACHINE CODE TAPED WITH

CHAMP

- * CHAMP: A uniquely comprehensive aid to machine code programming
- * Specially commissioned to accompany the *Home Computer Advanced Course* series on machine code
- * Suitable for the BBC Model B, Commodore 64 and 48K Sinclair Spectrum
- * Pre-recorded on tape cassette FREE with Issue 11 of *The Home Computer Advanced Course*

To unlock the full potential of your computer you have to talk to it in its own language — machine code. The *Home Computer Advanced Course* is teaching you to do just that in its unrivalled series on machine code programming. And now you can bring the computer itself to your aid. With the pre-recorded software that is being given away with Issue 11, you can tackle ambitious programs — thanks to these features, rarely found together in one package:

The Editor enables you to enter your programs, written in Assembly language mnemonics, from the keyboard, or to load them from tape. You can then modify the program freely, with on-entry syntax checking.

The Assembler translates your Assembly language program into machine code — saving you hours of tricky, error-prone work

The Monitor displays contents of memory, together with hex and ASCII equivalents, and enables you to move blocks of memory, search for specified strings, and modify the memory contents directly

The Disassembler translates the machine code version of the program back into Assembly language mnemonics for your scrutiny

The Debug Facility enables you to run the program step by step while displaying the contents of the microprocessor's registers and modifying them as necessary

Normally you'd have to buy several different software packages to obtain all these facilities — and you'd have to spend pounds. They're *free* with Issue 11 of *The Home Computer Advanced Course*. This suite of advanced programs was specially commissioned from a leading software company, Personal Software Services, to be a valuable programming aid for readers. With its aid you'll learn how to make your micro do things that will amaze you: seemingly instantaneous program execution and dazzling, lightning-fast graphics animation.

(CHAMP — Comprehensive Home Computer User's Assembler/Monitor Package)

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