

CONTENTS

APPLICATION



A WORD TO THE WISE We look at two word processing packages for the BBC Micro: Wordwise and View

74

HARDWARE



GOLDEN OLDIES The Atari disk drive was one of the earliest disk storage systems

63

HARD COPY Non-impact printers offer a lower quality but cheaper printing option

70

SOFTWARE



SCHOOL DAZE A review of the revision software available for GCE and CSE students

61

COMPUTER SCIENCE



PROGRAMMER'S LOGIC An introductory look at how logical operators are used in software

66

JARGON



FROM ALU TO APPLICATIONS GENERATOR A weekly glossary of computing terms

73

MACHINE CODE



TEXTUAL ANALYSIS This week we look at how a BASIC program is stored in memory

76

PROFILE



SOFT SELL Within a few short years, Imagine has become one of the leading software houses

79

WORKSHOP



SOCKET TO ME Continuing our practical course in micro maintenance, this week we look at chip socketing and de-soldering

68

Next Week

- IBM is a household name. How much of an effect has this had on the marketability of the PC?

- We continue our in-depth reviews of disk drive systems, focusing this time on the BBC disk operating system.

- Repairing or upgrading your micro can be satisfying and save you money. In our Workshop series we look once more into the nuts and bolts of your micro.



Your special offer binder order form will be with Issue 5.



Overseas readers: this special offer applies to readers in the U.K., Eire and Australia only.

COVER PHOTOGRAPHY BY PAUL CHAVE

Editor Jonathan Hilton; Art Director David Whelan; Deputy Editor Roger Ford; Production Editor Catherine Cardwell; Staff Writer Brian Morris; Picture Editor Claudia Zeff; Designer Hazel Bennington; Sub Editors Robert Pickering, Keith Parish; Art Assistant Liz Dixon; Editorial Assistant Stephen Melone; Researcher Helena Siedlecka; Contributors Lisa Kelly, Steven Colwill, Richard King, Martin Hayman, Henry Budgett, Steven Pizay; Group Art Director Perry Neville; Managing Director Stephen England; Published by Orbis Publishing Ltd; Editorial Director Brian Innes; Project Development Peter Brookesmith; Executive Editor Chris Cooper; Production Co-ordinator Ian Paton; Circulation Director David Bred; Marketing Director Michael Joyce; Designed and produced by Bunch Partworks Ltd; Editorial Office 85 Charlotte Street, London W1; © APSIF Copenhagen 1984; © Orbis Publishing Ltd 1984; Typeset by Universe; Reproduction by Mullis Morgan Ltd; Printed in Great Britain by Artisan Press Ltd, Leicester

HOME COMPUTER ADVANCED COURSE - Price UK 80p IR £1.00 ALS \$1.95 NZ \$2.25 SA R1.95 SINGAPORE \$4.50 USA and CANADA \$1.95
How to obtain your copies of HOME COMPUTER ADVANCED COURSE - Copies are obtainable by placing a regular order at your newsagent, or by taking out a subscription. Subscription rates: for six months (26 issues) £23.80; for one year (52 issues) £47.60. Send your order and remittance to Punch Subscription Services, Watling Street, Bletchley, Milton Keynes, Bucks MK2 2BW, being sure to state the number of the first issue required.
Back Numbers UK and Eire - Back numbers are obtainable from your newsagent or from HOME COMPUTER ADVANCED COURSE. Back numbers, Orbis Publishing Limited, 20/22 Bedfordbury, LONDON WC2N 4BT at cover price
AUSTRALIA: Back numbers are obtainable from HOME COMPUTER ADVANCED COURSE. Back numbers, Gordon & Gotch (Aus) Ltd, 114 William Street, PO Box 7676 Melbourne, Vic 3001. SOUTH AFRICA, NEW ZEALAND, EUROPE & MALTA: Back numbers are available at cover price from your newsagent. In case of difficulty write to the address in your country given for binders. South African readers should add sales tax.
How to obtain binders for HOME COMPUTER ADVANCED COURSE - UK and Eire: Details of how to obtain your binders (and of our special offer) are in Issue 5. EUROPE: Write with remittance of £5.00 per binder (incl. p&p) payable to Orbis Publishing Limited, 20/22 Bedfordbury, LONDON WC2N 4BT. MALTA: Binders are obtainable through your local newsagent price £3.95. In case of difficulty write to HOME COMPUTER ADVANCED COURSE BINDERS, Miller (Malta) Ltd, M.A. Vassalli Street, Valletta, Malta. AUSTRALIA: For details of how to obtain your binders see inserts in early issues or write to HOME COMPUTER ADVANCED COURSE BINDERS, First Post Pty Ltd, 23 Chandos Street, St. Leonards, NSW 2065. SOUTH AFRICA: Binders are available through any branch of Central Newsagency. In case of difficulty write to HOME COMPUTER ADVANCED COURSE BINDERS, Intermag, PO Box 57384, Springfield 2137.
Note - Binders and back numbers are obtainable subject to availability of stocks. Whilst every attempt is made to keep the price of the issues and binders constant, the publishers reserve the right to increase the stated prices at any time when circumstances dictate. Binders depicted in this publication are those produced for the UK market only and may not necessarily be identical to binders produced for sale outside the UK. Binders and issues may be subject to import duty and/or local taxes, which are not included in the above prices unless stated.