

# JOHN L. NOYCE

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REF. JUPITER ACE USERS CLUB

DATE. as postmark

Dear ACE USER,

Thank you for your enquiry regarding the  
JUPITER ACE USERS CLUB.

We formed at the end of 1982 and have grown steadily since.

With the demise of Jupiter Cantab in late 1983, the club became even more necessary. Our Newsletter, ACE USER, is the source of information on the Ace, both hardware mods and software notes. Highlights include:

no.1 (4pp) : Memory map

no.2 (32pp) : Expansion, Machine Code, Biblioforth

\*no.3 (32pp) : Adding a keyboard, Cassette loading errors, Rom routines,

\*Multiple key presses, Circuit diagram, RS232C interface, Biblioforth

\*no.4 (32pp) : Eproms, Sound generator board & joystick port, Interrupts,

\*2nd edge connector, CMOVE & FILL, Forth control structures, ?Plot, Disc drive

From no.5 (vol 2 no.1) retitled "FORTH USER" (see over).

Club members have produced many fine programs, which we have produced (and paid royalties), mainly for sale to other club members. Some are now being phased out, but we have more planned (see list).

I hope this brief intro has whetted your appetite and you will join us. Jupiter Cantab may be dead, but we're not!

One final note: sales and publishing are handled by my publishing company (our Remsoft software division has now been reabsorbed into the main business).

By all means phone me if you have any queries: 0273-602354. If you're in Brighton, our current office is: *71 Richmond St, Brighton (off Queen's Park Rd).* Please phone first before dropping in.

I look forward to hearing from you.

John Noyce

Ps. The Ace is available from  
BOLDFIELD LIMITED COMPUTING, Sussex  
House, Hobson Street, Cambridge  
Tel. 0487-840740.

3K Ace is £33.35 (Inc VAT + p&p)

19K Ace is £54.05 (Inc VAT + p&p)

(ie Ace + 16K rampack)

# TAPE 1: PEEKER (3K)

DOUG BOLLEN

Unravel Rom and Ram, 20 bytes per screen in decimal, hex, character, binary byte. Addresses in decimal or hex.  
CLUB PRICE: £3.50; OTHERS: £4.50

# TAPE 5: FROGGER (19K)

GARRY KNIGHT

Hop your frog across a busy four lane road to the safe centre island. From the island you must hop from log to log to one of four safe backwaters. Don't get run over, don't fall in the water, don't slip off the end of a log. The game speeds up as your points increase. Quite fast this one. Uses 5.3K. CLUB PRICE: £5.50; OTHERS: £6.50

# TAPE 6: TOOLKIT/SCREENKIT (3K)

GARY KNIGHT

TOOLKIT: Contains a short list of words designed to aid ROM disassembly and program development. Scan memory contents in decimal, hex, character, and binary, with decimal and hex addresses. Scroll forwards or back. Poke a new value into selected address. Spare memory bytes. Definer word for your machine code routine.

SCREENKIT: Machine code screen handling routines. Scroll up or down. Scroll left or right with or without wrap. Invert. Fill. Change occurrence of character.

DEMO: Shows the speed of machine code, with above routines.

CLUB PRICE: £6.50; OTHERS: £7.50

# TAPE 7: CHARACTER DESIGNER (19K)

GARY KNIGHT

Design characters quickly and easily with this aid. Store your character in character set ram. Lists the eight numbers used in decimal, hex, and binary.

CLUB PRICE: £5.50; OTHERS: £6.50

# TAPE 8: PICASSO (19K)

GARY KNIGHT

Draw and store *pictures* in memory using pixels.  
CLUB PRICE: £4.50; OTHERS: £5.50

# TAPE 11: ZX PRINTER DRIVER

JOHN WIKE

305 bytes mainly machine code. Diverts characters from screen to printer. Full character set including lower-case, inverse and graphics. No redefined characters. Needs simple ACE/7X adaptor, but no other hardware. Runs from existing ACE power pack.

CLUB PRICE: £5.50; OTHERS: £6.50

# TAPE 13: ACE ASSEMBLER (3.9K)

GARRY KNIGHT

Complete Forth assembler with Z80-like mnemonics, 20 labels, subroutine calls, source/object code save, macro-assembly, hex dump, etc. Assembled words may be used in Forth definitions.

CLUB PRICE: £6.50; OTHERS: £7.50

# TAPE 17: DISSASSEMBLER (5.8K)

M. FINLEY

Zilog like mnemonics, forth assembler syntax, forth assembler control structures. Hex only. 16 run on instructions. Jump destinations instead of offsets. Optional customising. CLUB PRICE: £6.50; OTHERS: £7.50

# TAPE 18: PROTECTOR (530 BYTES)

A. CRANSTON

Disables LIST, VLIST and SAVE. Uses code word for SAVE. Displays "This software is protected" with error code. Can you crack the test program?  
CLUB PRICE: £3.50; OTHERS: £4.50

# TAPE 19: PRINTERFACE (400 BYTES + 1300 BYTES VERSION)

DOUG BOLLEN

Details of simple RS232 interface for ACE which connects to 'Traffic light' or other in-out ports. Adaptable software on tape to run Tandy CGP-115 printer/plotter with full facilities, including + or - 990 by 480 plot resolution, printing from screen, definer string, dot quotes or stack. Four colours, 63 character sizes and corresponding line lengths, all software controlled. Will not print ACE inverse or graphic set, only ASCII 33-127 plus control codes. Tape + booklet CLUB PRICE: £8.50; OTHERS: £9.50

# TAPE 20: SUPERSTRINGS (3.7K)

GARRY KNIGHT

Advanced string-handling package which may also be used for games and to set up a data-handling program. 67 string handling words combining FORTH and machine code to allow the use of 'long' strings and arrays. Tape + booklet CLUB PRICE: £7.50; OTHERS: £8.50

# TAPE 21: MATHS/TRIG FUNCTIONS (1.5K)

ALAN WATSON

Based on Chebyshev polynomials. Exp, ln, powers, sqrt, arctan, arcsin, and arcos fully floating point. Sin, cos, tan, and cot integer arguments, FP result. Other functions may be derived quite easily. Comprehensive documentation with listings.

CLUB PRICE: £7.50; OTHERS: £8.50

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from:

..... CAPITALS PLEASE

JOHN L. NOYCE

*Publisher*

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BRIGHTON

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tel: (0273) 602354

(formerly Remsoft)

Date:

Please enter my subscription to the

JUPITER ACE USERS CLUB for 1984. I

enclose £7. (Overseas £8 sterling).

I would also like to order the following:

Tape

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1983 newsletters (nos.1-4) (£7)

Total enclosed:

Cheques payable 'John L.Noyce, Publisher'  
please.

All prices include postage & packing

Delivery usually in 21 days (maybe more when  
out of stock).

Overseas members add £1 postage & packing  
on tape and other orders.

# FORTH USER

## vol.2 no.1 1984

(formerly ACE USER).

Contents:

* Centronics Printer Interface for the Ace	p 3
Rom Expansion for the Ace	p 8
Editing and saving screen displays (Ace)	p11
Letters and replies (members of the Jupiter Ace Users Club)	p14
Adding Colour to the Ace (details)	p22
Microkey 4500: reviews and specification	p24
Ace software: readjustments to the range	p30

Coming soon: Simple robot for the Ace, Queues,  
N List, Alternative Case, Control Structures  
(all Ace); Spectrum FORTH, Book reviews, etc.

FORTH USER is edited and published by

JOHN L.NOYCE, Publisher, PO Box 450, Brighton  
BN1 8GR.

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