



ERRATA

Please Note

1. An improved pair of Acorn monitor PROM's are now being supplied with all Acorns; they are coded blue for high nibble and yellow for low nibble. The listing is modified as follows:-

FE26	C9	38	FE48	DO	E4	
FE28	BO	06	FE4C	FO	E2	
FE2A	86	19	FE5E	A1	00	
FE2C	A9	40	FEA8	D5	08	
FE2E	85	OF	FEF5	9A		
FE30	A1	00	FF2E	20	64	FE
FE32	88		FF53	05	OD	
FE33	DO	FB	FF76	20	B1	FE
FE40	DO	EE	FFDI	E5	1B	

2. In-appendix B part III of the Users' Manual, the following comment for RTI and RTS should be noted:-

RTI executes the opcode obtained by pulling PC, but
RTS Steps PC to PC + 1 and executes that opcode.

3. In appendix B note that RECAL is at 001B.
4. Correction to 'Duck Shoot' - 0238 should be

0238 20 OC FE

5. Correction to 'Nim'

0255 E9 01
02A5 AO 07
02AC 88
02AD 88
02BI AO IF
02B3 60

6. Correction to '8 Queens program'

022C 95 IB

7. On the Acorn mains adaptor the white wire is positive.

8. In Section 6.2 the break address for diagnostics should be loaded as:-

B3 in 001E
and FF in 001F

9. The single step mode will work if the 1K base resistor of the BC107 is connected to Q and not Q̄. The chip used is a 74LS74.

10. The following corrections are necessary in the programs:-

a. Single Byte Multiply

0200 EA NOP
0201 D8 CLD

0222 20 04 FF JMP RESTART

b. Offset Calculator

022F A9 55
0231 20 48 02
0234 8A
0235 49 80
0237 20 60 FE
023A 4C 04 FF
023D A9 57
023F 20 48 02
0242 20 0C FE
0245 40 01 02

All other instructions move up
four spaces

Data	0225	53	71	71
		6D	7D	F8
		78	5C	5C
		00	71	77
		50	00	

COUNTER KEYBOARD

0022	C9	17	
0026	C9	16	
002E	85	79	
0030	FO	EB	
0035	C6	79	
003E	20	4F	00
0041	D0	DA	
004B	D0	D0	RAPID DECREMENT
005B	A9	FF	STOP LDA FF
005D	85	0E	

The counter subroutine should read

```
0060 E6 7A
0062 D0 0D
0064 E6 7B
0066 38
0067 B0 08
0069 A5 7A
006B D0 02
0060 C6 7B
006F C6 7A
0071 A2 7A
0073 20 64 FE
0076 60
```

11. NIM

The game starts at 0200 with your move or 022B and the computer's move.

12. The hex code to display 'H' in Appendix A should be 74

13. Appendix A

Section III should contain

MNEMONIC	VERBAL	CODE	TIME
SEC	Set carry	38	2
SEC	Set Decimal	F8	2

Section IV should contain

MNEMONIC	VERBAL	CODE	TIME
JSR	Jump to subroutine	20	6

