

AN ARGUS SPECIALIST PUBLICATION

AUGUST 1983

75p

Add-on  
Action Inside

# Personal Computing Today

**THE AQUARIUS**  
Mattel's  
rising star?

**TI TACTICS**  
A strategy  
game to play

**Software to  
key-in for  
Commodore 64,  
VIC-20, BBC,  
TI99/4a,  
Atari,  
Oric,**

**Checklist**  
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our software  
supermarket



Reach the  
Spectrum's  
outer limits in  
software Reviews





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An Exciting range for 16K ZX81  
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## SUPER SCRAMBLE

### YOUR MISSION

To penetrate the witches defences, enter  
her cavern and destroy her wicked heart.

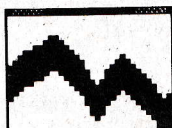
### THE WITCHES DEFENCES

Stalagmites and stalactites - which grow  
across your path.

**Volcanoes** - to get past alive - if you can!

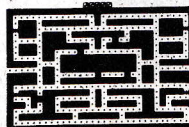
**Vampire Bats** - that cling to your ship and  
make controls sluggish

**Cave-ins** - should you hit the side of the  
cave with your Laser Cannon or Bomb, part  
of the roof will cave in on you



- Written entirely in machine code
- Hall of Fame
- 1 or 2 players
- Mystery score positions to bomb
- 5 skill levels

## GOBBLERS Mk 2



Beat that high score!  
Gobble those dots before those meanies  
gobble you!  
Your only aids are four 'Power Pills' which  
make the meanies edible. But not for long!

- Machine coded for fast action
- Extra 'Gobbler' for 10,000 points
- On screen scoring
- High score with enter name facility
- Up to 4 players

Improved Mk 2  
version!

## ASTEROIDS

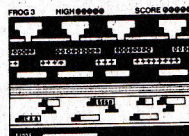
Stay alive as long as possible in open space  
filled with flying rocks. Score by shooting  
them - which also causes them to break into  
lots of little bits and makes life even worse!

- Machine coded for fast action
- On screen scoring
- High score with enter name facility
- Up to 4 players
- Extra ship for 1,000 points (not as easy as it sounds!)
- Ship moves just like arcade version
- Rotate left/rotate right/thrust
- Fires in all 8 directions
- Increasing number of asteroids
- Three asteroid sizes
- 'alien spaceship (fires back!)

All games  
£5.95 each

NEW!

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- 50 Skill levels!
- Played against the clock -  
froggie only has a short while to live!

Jump your frog over the lanes in the road -  
preferably without being turned into jam by  
the approaching traffic! Then cross the river  
by hitching a few rides on some passing logs  
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# ASP SOFTWARE



# ZX81

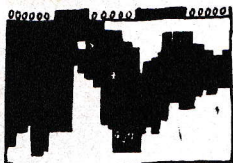
## Games from ORWIN SOFTWARE

### WHAT THEY SAID ABOUT CASSETTE 4

"quantity as well as quality" *Sinclair User*, Oct '82  
 "If each game was on a separate tape and selling for £5 each I would still recommend them!" *ZX Computing*, Oct/Nov '82  
 "Easy to operate, graphically impressive and good value for money." *The Times*, 11th Dec '82  
 Now we have collected another set of 8 excellent games for Cassette 5

#### CASSETTE 4 8 games for 16K ZX81 £6

##### ZX-SCRAMBLE (machine code)



With 3 stages.  
 Bomb and shoot your way through the fortified caves.

**GALAXY INVADERS (machine code)** Fleets of swooping and diving alien craft to fight off.

**SNAKEBITE (machine code)** Eat the snake before it eats you. Variable speed. (Very fast at top speed.)

**LIFE (machine code)** A ZX81 version of the well known game.

**3D TIC-TAC-TOE (Basic)** Played on a 4 x 4 x 4 board, this is a game for the brain. It is very hard to beat the computer at it.

**GUNFIGHT (machine code)** Western style shoot-out between 2 players or against the computer.

**FUNGALOID (machine code)** Bomb the Fungaloids before they grow to the sky or shoot you down.

**INVADERS (machine code)** 49 aliens and random flying saucers to shoot down.



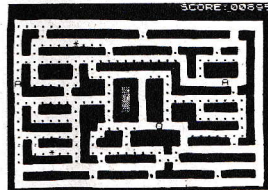
7 of the 8 games are in machine code because it is much faster than Basic. Some of these games were previously available from J. Steadman.

#### CASSETTE 5 8 games for 16K ZX81 £6

##### SPACE RESCUE (machine code)



##### BYTE-MAN (machine code)



##### BLITZ (machine code)



**PLANETOID (machine code)** Move your ship and fire missiles in 8 directions to avoid and shoot down the large planetoids and small fliers and bouncers. Rotate left, rotate right, move, fire and hyperspace controls.

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**DRAUGHTS (machine code)** Play against the computer. Three skill levels.

**MERCHANT (Basic)** Make your fortune on trading voyages in the Mediterranean and beyond.

7 of the 8 games are in machine code because it is much faster than Basic.

SPACE RESCUE and BYTE-MAN were previously available from Mindseye.

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#### CASSETTE 2, ten 16K games in Basic £5

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 We stock all items to expand your T199/4A. Please send for list and check our Super Deal Expansion Options. 99ER magazine now in stock. Limited supplies 3rd party software stocked for TI. Send for latest TI list. SAE please.

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 For latest developments on Dragon expansion call + disc + 64K RAM

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**XXX NEW XXX**  
 3rd party software stocked for Dragon. SAE for list of all Dragon products.

**Colour Genie** 194.00  
 Joysticks 49.95  
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 Golden Baton 10.06  
 Time Machine 10.06  
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 Skramble 8.95  
 Genmon 12.95  
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Genie software expanding. Send SAE for latest list. All Genie products stocked including Genie 1 & 2 and accessories and software.

Sinclair ZX81 and Spectrum. All hardware stocked. Software too numerous to list here. Send SAE for latest list.

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Wide range of books stocked. Popular titles shown here. Send for book list.

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 Basic Comp Prog Home 9.70  
 TRS80 Colour Basic 6.75  
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 Basic Comp Games 6.95  
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 Jupiter Ace Forth Computer Graphics 6.95  
 Spectrum Graphics 6.95  
 Working Spectrum 5.95  
 60 Games Spectrum 4.95  
 Over Spectrum 6.95  
 The ZX Spectrum 5.95  
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# REFERENCE

## FACTFILE

### SHARP MZ-80A

Sharp UK Ltd,  
Thorn Road,  
Newton Heath,  
Manchester  
M10 9BE  
Tel: 061-205 2333



#### STANDARD PACKAGE

Memory Size (RAM)	48K
Screen Size	25 lines of 40 characters
Expansion Sockets	BUS connector
Tape Included?	Yes
Display Unit Included?	Yes
Usable Domestic TV?	No
Size of BASIC	12K
Average Price	£549

#### MANUFACTURER'S EXPANSIONS

	DETAILS	PRICE
RAM	No	£450-800
Printer	Yes	—
Monitor	N/A	£600
Disc Drives	Yes, dual	£45
Other Languages	Yes	—
Multi-user Capabilities	No	—
BASIC extensions (Toolkits)	No	—

OTHER ADD-ONS:  
None Reported

### SHARP MZ-80B

Sharp UK Ltd,  
Thorn Road,  
Newton Heath,  
Manchester M10 9BE



#### STANDARD PACKAGE

Memory Size (RAM)	64K
Screen Size	25 lines of 40 or 80 characters
Expansion Sockets	BUS connector
Tape Included?	Yes
Display Unit Included?	Yes
Usable Domestic TV?	No
Size of BASIC	16K
Average Price	£990

#### MANUFACTURER'S EXPANSIONS

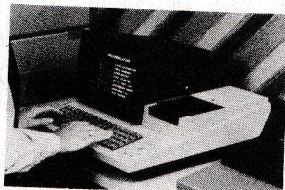
	DETAILS	PRICE
RAM	Yes	£120
Printer	Yes	£450-800
Monitor	N/A	—
Disc Drives	Yes, dual	£600
Other Languages	Yes	£45
Multi-user Capabilities	No	—
BASIC extensions (Toolkits)	No	—

#### OTHER ADD-ONS:

Multi-vision and triple-vision, Datron Micro Centre, 2 Abbeydale Road, Sheffield S7 1FD, £35.79

### SHARP MZ-80K

Sharp UK Ltd,  
Thorn Road,  
Newton Heath,  
Manchester  
M10 9BE



#### STANDARD PACKAGE

Memory Size (RAM)	48K
Screen Size	25 lines of 40 characters
Expansion Sockets	BUS connector
Tape Included?	Yes
Display Unit Included?	Yes
Usable Domestic TV?	No
Size of BASIC	12K
Average Price	£350

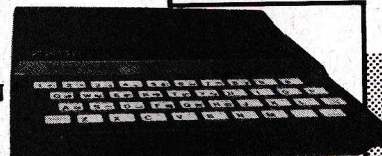
#### MANUFACTURER'S EXPANSIONS

	DETAILS	PRICE
RAM	No	—
Printer	Yes	£450-800
Monitor	N/A	—
Disc Drives	Yes, dual	£600
Other Languages	Yes	£45 upwards
Multi-user Capabilities	No	—
BASIC extensions (Toolkits)	No	—

OTHER ADD-ONS:  
None Reported

### SINCLAIR ZX 81

Sinclair Research,  
6 Kings Parade,  
Cambridge CB2 1SN



#### STANDARD PACKAGE

Memory Size (RAM)	1K
Screen Size	24 lines of 32 characters
Expansion Sockets	BUS connections
Tape Included?	No
Display Unit Included?	No
Usable Domestic TV?	Yes
Size of BASIC	8K
Average Price	£49.95 built

#### MANUFACTURER'S EXPANSIONS

	DETAILS	PRICE
RAM	16K RAM pack	£29.95
Printer	ZX Printer	£59.95
Monitor	No	—
Disc Drives	No	—
Other Languages	No	—
Multi-user Capabilities	No	—
BASIC extensions (Toolkits)	No	—

#### OTHER ADD-ONS:

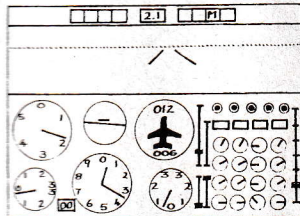
Memory expansion unit 16K or 64K, Memotech Ltd, 3 Collins St, Oxford OX4 1XL, £39.95-79; Memory Expansion 64K, Downsway Electronics (UK) Ltd, Dept M, Downsway House, Epsom Road, Ashted, Surrey; £59.95; Key Bleep Unit, Microtronix, 3 Buxton Avenue, Coulton, Nottingham, N94 3RR, £8.85 kit, £9.95 built; Maximem 1.1, East London Robotics, Finlandia House, 14 Darwell Close, East Ham, London, E84 BT, £93.50; Music Synthesiser + 16 line control port, William Stuart Systems Ltd, Dower House, Billicicay Road, Herongate, Brentwood, Essex CM13 3SD, £19.50; Full-size keyboard, Protos Computer Systems, Frome Computing, 20 Ashtree Road, Frome, Somerset, BA11 2SF, £64.95; ZX99 Automatic tape control, Data-cassette, 44, Shroton Street, London NW1 6UG, £59.95.



## SOFTWARE GAMES

### DRAGON/32 BBC MODEL B TRS80, C/C 32K 747 FLIGHT SIMULATOR

Superbly realistic instrumentation and pilot's view in lifelike simulation which includes emergencies such as engine fires and systems failures. This program uses high resolution graphics to the full to produce the most realistic flight-deck display yet seen on a home computer. There are 21 real dials and 25 other indicators (see diagram). Your controls operate throttle, ailerons, elevators, flaps, slats, spoilers, landing gear, reverse thrust, brakes, etc. You see the runway in true perspective. Uses joysticks and includes options to start with take-off or random landing approach. "A real simulation, not just another game." (Your Computer Apr. 83).  
Cassette £9.95 (PP and VAT included)



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### SOFTWARE FOR TANDY COLOR & DRAGON

REF	ADVENTURES	PRICE
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1002	DRACULA'S CASTLE	16K 5.00
1003	DEATH PLANET	16K 5.00
1004	FLOATING BOMB	16K 5.00

REF	GAMES	PRICE
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2002	A-MAZE-IN Seek and destroy the monsters in the maze as quickly as you can could take you hours	16K 10.00
2004	OWNERSHIP Similar to MONOPOLY	32K 10.00
2006	GAMES PACK 1 5 Different games	4K 5.00
2007	GAMES PACK 2 5 Different games	16K 5.00

Send SAE for catalogue. State if TANDY or DRAGON. All prices include P&P and VAT  
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For free advice or list send SAE to:

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State if Tandy or Dragon. Send SAE if catalogue required.

**FLATBELL LIMITED (???)**  
9 Franklin Road, Haddenham,  
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