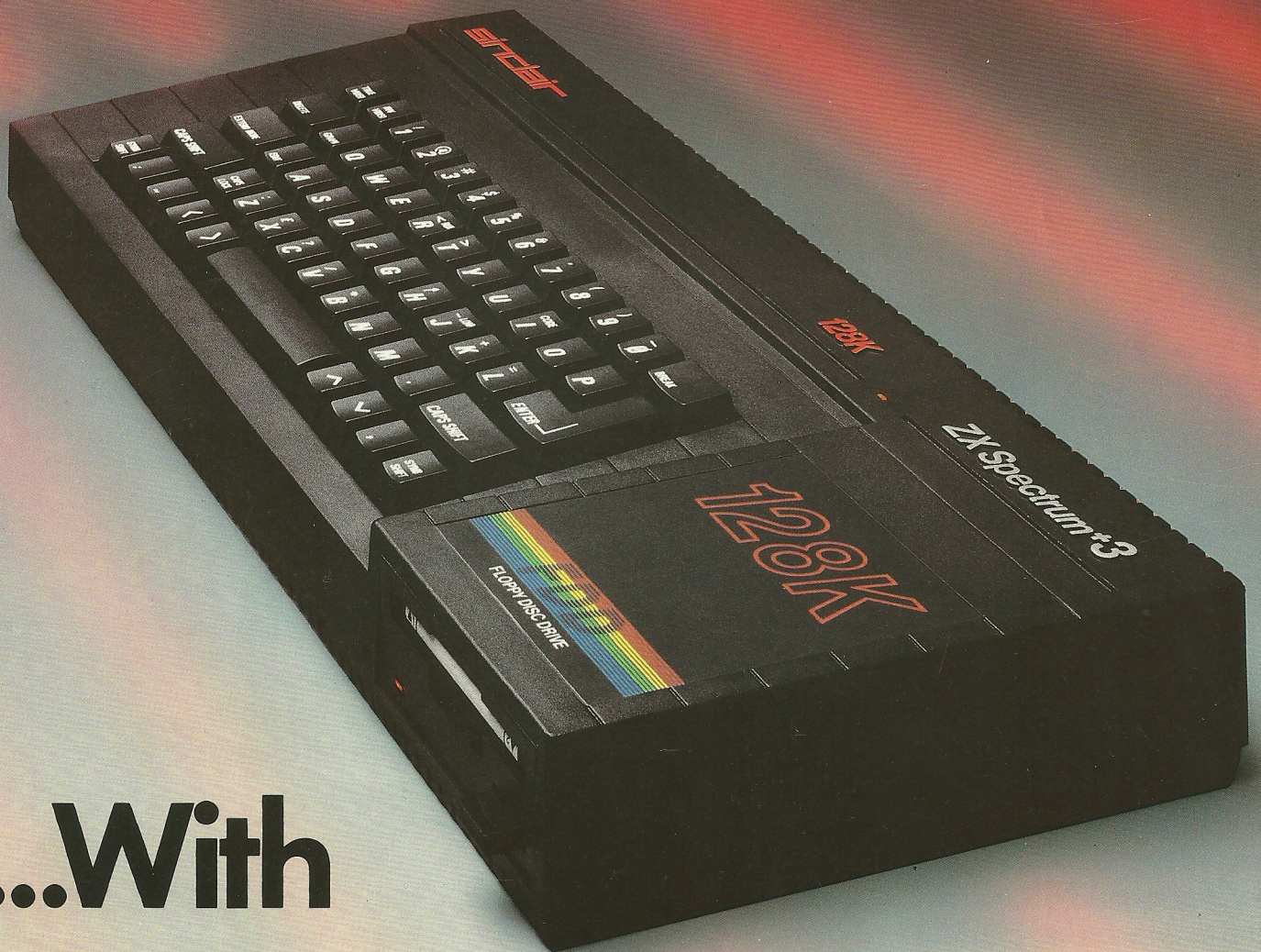
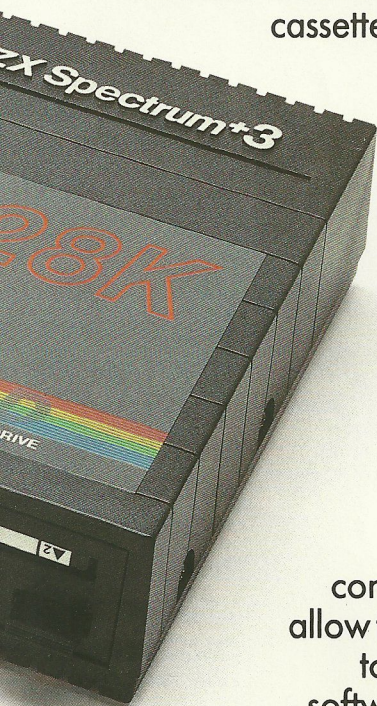


The New Sinclair Spectrum 128K+3...



...With
Built-in
Disc Drive

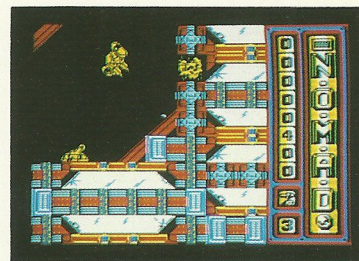
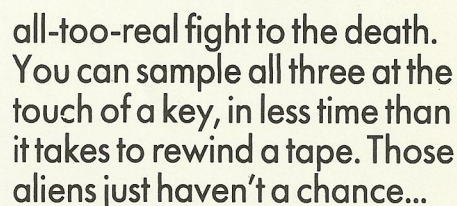
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Existing owners have been well catered for. Spectrum ZX BASIC has been extensively redesigned and enlarged. A resident Disk Operating System allows instant access to the new facilities, and there are many features to ease the transition from tape to disk. In most cases, BASIC programs will transfer without modification. An ordinary cassette recorder can be

connected to
allow full access
to the huge
software base.

There are a large number of games already available on disk. You can defend the universe from intruders, win gold on the ski slopes and battle mythical monsters in an



Games aren't the only things that are better with the Spectrum +3. The professional user will find a built-in parallel printer port, with in-depth support from BASIC. The disk system is hardware compatible with the

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Even better...

Following in the footsteps...

The Spectrum was famous from the first day it appeared. Five years later, its fame has spread. Millions of Spectrum owners know the reason; the combination of colourful graphics, creative sound and great

the 128 +2. Most of all, it has the original Spectrum's inexhaustible appetite for software. But it's the new features that set the Spectrum +3 apart as the most exciting Sinclair computer to date.

possible. Then remember that the country's leading software houses have been working with the +3 for some considerable time. A challenging prospect.

value have guaranteed an unparalleled range of software. Today, there are more Spectrums and more Spectrum programs than ever before. And today there is a Spectrum with more features and more power than ever before. The ZX Spectrum +3. The Spectrum +3 has everything that made the family famous. It includes 128K of RAM and the enhanced sound capabilities of the Spectrum 128K +2. It has the advanced keyboard and built-in joystick ports of

More in store

For the first time, the Spectrum has a disk drive as standard. Games load in seconds, not minutes. Each disk can hold more than 350 kilobytes of programs and data; more than enough for a fifty thousand word novel. Imagine the games that this sheer size makes

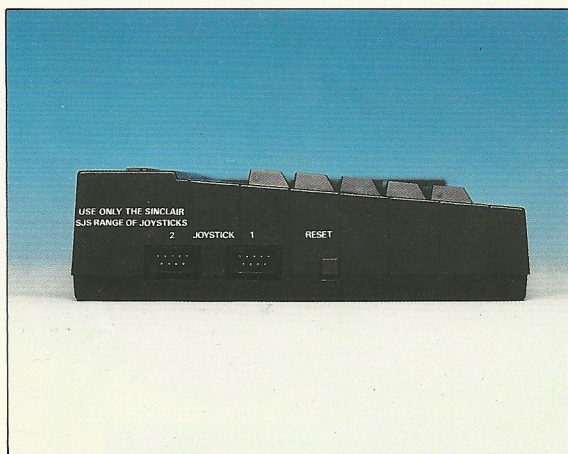
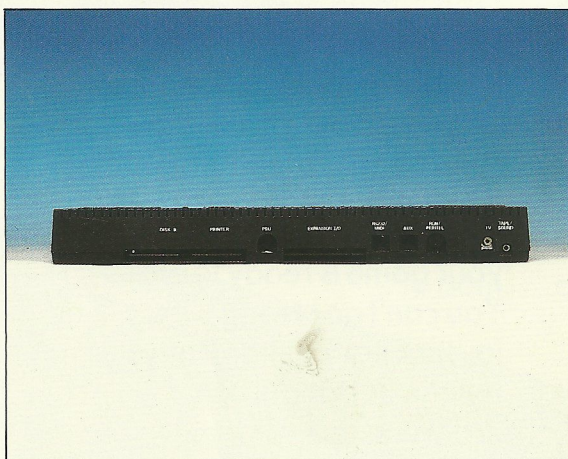


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Amstrad range of home computers, ensuring that designers and programmers already have the expertise to create truly advanced software. There's a socket for a second disk drive, to produce a system capable of working hard for its living. Inside, the Spectrum +3 makes full use of new technology. By using fewer chips to do a better job, the Spectrum's reputation for value is enhanced while reliability is improved even further. All aspects of the Spectrum +3 are covered in the comprehensive manual, which combines tutorial and reference material to provide an ideal introduction and working companion. Everything is described, from first programming in BASIC to the hard facts about machine code and the Disk Operating System.

Good, Better, Best.

The new Spectrum +3 is every bit a Spectrum. It comes from a good family. It's been made better. And it's the best Spectrum yet.



Technical Specification

Memory:

RAM 128 Kbytes as 8 x 16K pages
ROM 64 Kbytes as 4 x 16K pages

CPU:

Z80A running at 3.54690 MHz

Screen:

256 x 192 Pixel resolution
24 x 32 Colour resolution
8 colours foreground,
8 colours background,
plus intensity and flash settings
Start of buffer switchable
Independently controllable border

Sound:

Three voices tone and / or noise
with 16 envelope settings
One voice CPU generated
Output via TV, Audio or Monitor socket

Keyboard:

58 key full travel QWERTY keyboard

Storage:

Integral 3 inch disk drive, single-sided
reversible media
40 track, 9 sector, 512 bytes / sector.
CP/M compatible structure
Optional second disk drive
Volatile RAM drive
Interface for external cassette recorder

Firmware:

48K Spectrum BASIC
(compatibility mode)
128K Spectrum ZX +3 BASIC,
integrated with +3 DOS
Storage selection by reassignable default
with optional override

Interfaces:

UHF PAL TV port
Serial interface (RS232) port
Parallel Printer port (8bit)
Auxiliary interface port
RGB Monitor (and PERITEL TV) port
MIDI output port
Two Joystick ports
Audio Out / Cassette port
Second Disk Drive port
Expansion I/O port (full Z80 bus)

Made in Taiwan

In keeping with our policy of continually improving our service and the technical quality of our products, we reserve the right to change component types, manufacturers, sources of supply or technical specification at any time.

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