

LOOK OUT, LADY! HERE COMES...

# CRASHED

ISSUE 16 •  
SEPTEMBER '96 •  
£1.50 •

## CRASHED

## IS TWO!

*HIP-HIP-HURRAH!*

# NSSS

The Northern SAM & Spectrum Show

Remember, remember -  
21st of September! See  
page 11 for details.

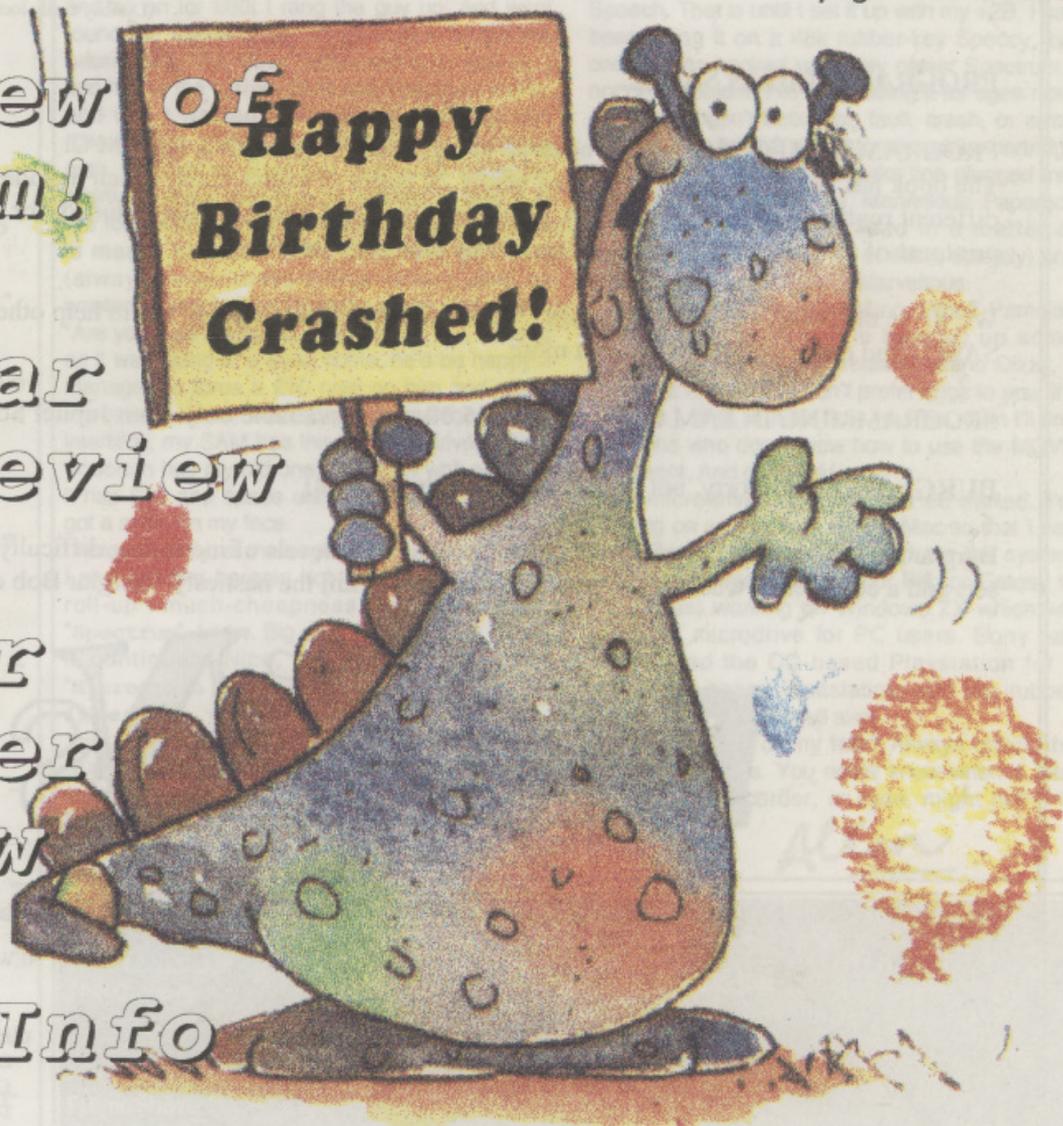
Preview  
Kaboom!

of  
**Happy  
Birthday  
Crashed!**

Burglar  
Bob Review

Quazar  
Sampler  
Review

NSSS Info



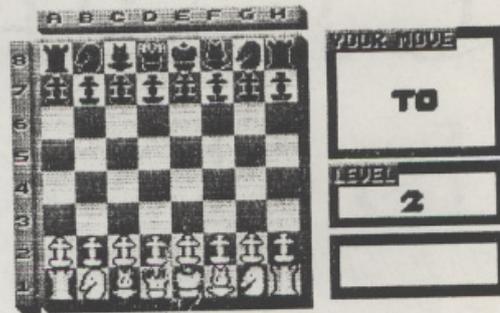
**AND LOTS MORE** in the galaxy's greatest SAM and Speccy magazine...  
Public Exposure, Retro Reviews, Post Box, Game On - inside!

PLEASE MAKE ALL CHEQUES ETC. PAYABLE TO S EKINS

# NEW STUFF

## CHESS MATE.

CHESS MATE is the first, and probably the only chess game that will ever appear for the SAM, it is a joint game between Jupiter and Quazar. It has 16 bit sound (with the Quazar soundcard), 8 skill levels, choice of who starts, let the computer move for you and take back move. All this, together with the many computer opening moves make it one of the most addictive games on SAM. CHESS MATE is out now, and costs only £9.99



(Do they really look like cats? (Format review))

## PROGRAMMING IN SAM C.

PROGRAMMING IN SAM C is a book all about, well, Programming in SAM C. The book has nearly 60 pages, including nearly 20 pages of source code, which includes examples of many different routines (stars, scrollers etc.), plus a couple of full games. Also included, for completeness, are printouts of all the header files (more up to date than the C manual).

We wrote the book not to make a profit - we make about 50p per book, but to help others to get to grips with SAM C and encourage them to use it more.

PROGRAMMING IN SAM C costs a mere **£5.00** and is available **only** from Jupiter Software.

## BURGLAR BOB (sorry, not much space for a description)

Burglar Bob is our latest platform game. It has four large levels of increasing difficulty, two scenery graphics sets and a completely wacky style of playing (try not to kill the nasties!). Burglar Bob costs only £4.00

# BARGAINS

We have reduced the prices on all of our older software titles:

| NAME OF ITEM. | OLD PRICE | NEW PRICE | NAME OF ITEM.                 | OLD PRICE | NEW PRICE |
|---------------|-----------|-----------|-------------------------------|-----------|-----------|
| AMALTHEA      | £10.00    | £5.00     | MEGABLAST                     | £2.50     | £2.00     |
| CRAZYBALL     | £2.50     | £2.00     | MUNCHER                       | £4.00     | £3.00     |
| INVADERS      | £4.00     | £3.00     | BOMBS AWAY                    | £6.50     | £3.00     |
| LABYRINTH     | £4.00     | £2.00     | TRANSLATOR                    | £6.00     | £4.00     |
| BLAZING TANKS | £2.50     | £2.00     | (French - English dictionary) |           |           |

DEL  
DEE  
4 Stu  
fairly  
exclus  
actual  
5 The  
Postie  
- Yes.  
7 Loo  
- You s  
here, e  
third.  
8 Gam  
Jet Set  
special  
9 Rev  
Burglar  
gets a  
10 NS  
- Just  
advert  
12 Pu  
Expos  
latest  
greate  
14 Re  
Review  
another  
comeba  
15 Ha  
Quazar  
review  
16 Po  
Kreega  
17 TH  
The po  
really  
honest  
18 Ne  
/ Sub  
- Spec  
all th  
at the  
guide  
gettin  
regula

**DELVING DEEPER...**

**4 Stuff** - Some fairly exclusive news, actually.

**5 The Postie's Sack** - Yes.

**7 Looking On** - You saw it here, erm, third.

**8 Game On** - A Jet Set Willy special.

**9 Review** - Burglar Bob gets arrested.

**10 NSSS Info** - Just a big advert, really.

**12 Public Exposure** - The latest and greatest.

**14 Retro Review** - Makes another comeback.

**15 Hardware** - Quazar Sampler review.

**16 Post Box** - Kreegah!

**17 The Shop** - The posters are really good, honest.

**18 Next Month / Subscribe!** - Specially for all the buyers at the show, a guide to getting it regularly.

**Diary Of A Spectrumite**

Due to popular demand, I've decided to ditch my old style quick-hello type editorial for this more substantial Sunday Telegraph-style ramble. Hope you like it.

Most days I check the local newspaper's classified adverts section for any bargains that I may wish to snap up. Unfortunately, the items on offer are usually of dubious quality; 'Reel-to-reel tape recorder, in case' (in case of what, I'm not sure), 'Child's pram, with hood' (shame, I was after an adult's pram), and so on. On the more computery side, there's a vast range of Sega consoles, 386 PCs that "need slight attention" (translates as "it's broken and I'm buggered if I can be bothered fixing it"), and a fair few overpriced Spectrums (£50 for a +2 with 30 games? Hah!) to choose from. However, now and again there's an incredible bargain to be had...

A couple of years ago I saw an advert for a SAM with two drives, some software, printer interface, and so on for £60! I rang the guy up, and went round the following day. He looked a bit like the bassist from The Move, which was quite spooky. I told him of the current SAM and Spectrum scene, and why I wanted it. He told me that his son followed his friends and went down the Amiga path, and that the SAM had been stuck under the stairs for years, and how he wanted to give it to me for nothing. What? Nothing? Surely this man is mad. I had £50 in my pocket to give him (always barter these things down!), and he wanted to say no, thanks all the same, just take it. "Are you sure?" I asked. Yes, he told me. As long as it was going to a good home, he'd be happy. I managed to force a £10 note on him and made my retreat. Now, Mark Bennett has the printer interface, my SAM has the two disk drives (Colin Anderton has my old one), the man who sold me it has £10 and space under the stairs, and I've got a smile on my face.

More recently, at the beginning of August in fact, I saw another bargain not-to-be-missed roll-up-roll-up much-cheapness advertisement. "Spectrum", I saw. Big deal. "Interface One", it continued. Nice, but useless without a "Microdrive and cartridges". Ooh. "Mouse interface, Software, Interface 2, In/Out interface, ZX Printer, etc." Surely a handsome price was being asked for such a princely purchase. "£30". Wow. I'm having this one, I thought. "Let me get this right," I said to the man on the phone, "£30 for all that?" He

assured me that I wasn't in need of an eye test.

Later that night, I went round with my £30. His wife let me in and called her husband, who saved me from the four large dogs that had suddenly taken a keen interest in slobbering on my hands and intently sniffing my genitals. He showed me the Spectrum, complete with Microdrive, ZX Printer, Interface 1 and 2, and cassette recorder, all mounted on a board that would have made any early Sinclair advert complete. He told me of how he got it, why he was selling it, what he has done with it... His wife told him to shut up. Thirty quid sir? For all this? I'm not even going to barter you down. I think-yow, will you help me carry this out to the car?

Once home, I plugged it all in and tried the printer out. What a racket! Lovely silver paper, though. Three rolls of the stuff, too! The Microdrives proved as unreliable as reported thirteen years ago; format errors, files not reading, microdrive not present, constant crashing. About as useful as a Currah Micro-Speech. That is until I set it up with my +2B. I had been using it on a 48k rubber-key Speccy, but once it was hooked up to my newer Spectrum... not one problem. I've been using it for ages now, and there hasn't been one fault, crash, or error. I've got The Artist 2 saved to microdrive cartridge and the mouse interface works fine plugged into the back of the Interface 1. Marvellous. Paperboy and Stop The Express load in a matter of seconds (well, about 10-15 of them, actually) and it even works in +3 BASIC. Marvellous.

Hang on, the phone's ringing. Who? Pamela? Look, I can't tonight, I'm backing up some software to microdrive. Treasure Island Dizzy, if you must know. No, I don't prefer eggs to you, it's just that... Well, if that's how you feel, then I'll find someone who does know how to use the MOVE statement. And good riddance!

My microdrives and I cannot be parted. I'm working on an interface for my Mac so that I can do away with the hard-disk and run the system from microdrives, and I've got Bill (or Gatesy to his friends) working on Windows ZX which will run from microdrive for PC users. Sony has abandoned the CD-based Playstation for a microdrive-based Waitstation, and the rubber industry has gone on full alert.

So, the moral of my tale? Always check the classified adverts. You never know when a reel-to-reel tape recorder, in case, might come in handy.

*Allan*

**IT'S SHOWTIME!**

The Ringleader - Allan 'lovley' Clarkson  
The Clowns -

Hardware Review - Mark 'buzz' Bennett  
Game On - Robert 'tararabit' Chilton  
Public Exposure - Dave 'awrite' Fountain  
Freak Show - Daniel 'all turning nasty' Bailey  
Gullible Punters - George 'hilloo' Boyle

Write to us at **CRASHED, 16 THE AVENUE, MANSTON, LEEDS, LS15 8JN.**

Call us on **(0113) 232 6726.**

Fax us on **(0113) 237 4349.**

The articles in *Crashed* are copyright of the individual

authors. The magazine as a whole is (C) 1996 **Crashed Magazine**. All information contained within *Crashed* is believed to be correct at time of going to press and the views expressed in *Crashed* are not necessarily those of the magazine as a whole. *Crashed* cannot be held responsible for any inaccuracies printed in the magazine. No part of this magazine is to be reproduced without the written permission of Captain Caveman. Please make any cheques/POs payable to **Crashed Magazine**.

This issue is dedicated to Leeds for being my home for eighteen years. Although it's a nice place, the next issue will be coming live from Nottingham.

ISSN 1361 - 5505

# stuff

**Today's Sesame Street Was Brought To You By The Letter Z.** Zodiac's software arm Zedd-Soft has recently released **Conquest**, a strategy game in the *Civilisation* or *Settlers* mould. According to Zodiac, the game features over 64,000 levels, six races, and full Quazar support. In playing *Conquest*, you take control of an army with the intention of attacking nearby races in order to become the most powerful general ever. Which sounds a bit egotistical if you ask me, but there y'go. There's weapons, researchers, wizards, buildings, and so on. *Conquest* costs a mere £5 and you'll get two disks and a detailed manual with full-colour Steven Pick artwork (*O! That's our trick!* -Ed.). Could well be worth a look. Expect a review next issue.

## Back In The Limelight

Well, our favourite genius Sir Clive Sinclair has been putting himself around a bit recently. He appeared on Channel Four's early morning magazine *The Big Breakfast* on his 56th birthday. Interviewed by Zoe Ball and Keith Chegwin (who constantly referred to Clive as a "loony inventor"), Father Sinclair revealed that he's still into electric transport, that he's developing an electric lightweight bike (because "we've got to get the fumes out of towns"), and that he was going to a barbecue that evening to celebrate his birthday.

Uncle Clive also pops up in the latest issue of *FHM*, a men's general interest magazine. In their article entitled 'coming up next', Clive gives his opinion on all manner of futuristic gizmos suggested by reporter James Lawrence, including 3-D television ("...the technology for it already exists"), breakfast beer ("...certainly possible..."), x-ray specs ("...maybe this would work best in some kind of club"), health cigarettes ("...we'll market these!"), and a self-destructing android girlfriend ("...she could be so much better than a real person that the human race would end up dying out. Still, we'd enjoy ourselves in the process..."). Sounds like fun!



## JOLLY GOOD SHOW

Yes, as pages 10 and 11 show, the First Northern SAM & Spectrum Show is taking place on the 21st of September in Wetherby, a town between Leeds and York. The doors open at 10:30am and you can walk through them for a mere £1.50 (£1 under 14's, under 5's free), though there's probably a 50p off adult entry voucher or two in the envelope if you've not thrown it away yet. Just about all the SAM exhibitors from the Gloucester shows will be there, along with lots of companies who've never been there. There's plenty of Spectrum interest, too, with Alchemist, Fountain PD, Impact, Sintech and others turning up. See page 10 for more details. If you go to one show this year, this is the one to be at.

## Whoa! Totally Mungus, Dude!

*Mungus Software's* second release, *IMPostors*, is out now. Similar to a PC game which I've forgotten the name of, you take control of one of four imps, each of which have a special skill (magician, gardener, kamikaze and balloon). The idea is to get all the imps out of the room which they're in. We saw an early version at Gloucester in April, but haven't seen it since. *IMPostors* costs £6 and is available from Mungus. Review next issue.



And now on *The Big Breakfast*, our daily competition - *C5 Racing!*

## THE RUMOUR MILL

• A little bird tells me that a certain top selling Ocean game is being converted to the SAM as we speak. Don't hold your breath, as it may not be out for a while. But I can say that two top SAM people are working on it. Although I'd hate to burst anybody's bubble, Ocean may not even give the go-ahead, but if they don't I'm sure it will come out under a different name.

• Another SAM title in progress is the computer's first beat-'em-up. Being worked on by someone with stax of programming talent, it could be good. Again, don't hold your breath for it.

• There's also the possibility of the NSSS show having a few special guests including everybody's favourite inventor and a few others...

## Champions!

It's official - the *Crashed Crusaders Fantasy FRED League* team are leading by thirteen points! Fred Magazine's *Fantasy Football League* spoof asked people to send in teams of programmers, with points being scored by what they wrote for the magazine. The *Crashed* team stormed into first place after the first round, and haven't lost it since. Here's to the rest of the season!

## NEW RELEASES

**Revelation Software** are releasing the classic *Elite* on the SAM, and **Fred Publishing** will have Graham Burtenshaw's *Spindizzy-ish Momentum* coming out soon (both out at the Wetherby show).

## PRICE RISE

As of this issue the price of a copy of *Crashed* is £1.50, which is still very reasonable. Subscription price will be £8 for six issues, though, making each sub issue £1.33. Any orders already received will be honoured.

## Der Handel Posten

Trading Post, they of many an 8-bit product, have now taken on the role of selling German company **Sintech's** range of software, which includes *Tango & Magic Dice*, *Klatiba Noci*, *Color Draw*, *Inferno*, *Orfeus*, *Prometheus*, *SQ-Tracker*, and many more titles. Send an SSAE to trading post for a full price list. Their address is **TRADING POST, VICTORIA ROAD, SHIFNAL, SHROPSHIRE, TF11 8AF. Tel/Fax (01952) 462135.** Lovely.

P  
DOWN OR D  
Dear Crashed  
I must say th  
hasn't been n  
Alchemist/Pri  
down or don't  
It's nice to s  
comeback - y  
close to the o  
didn't have a  
issue 16 will  
Keep up the  
S. Russell  
Sawbridgew  
Nr. London

Thanks for th  
afraid to say  
it into this iss  
writing the co  
had the Glouc  
is a little sma  
squeezed out  
return next is  
technical or p  
SAM or the S  
please!  
As for the P  
we've stoppe  
sick of the lav  
death threats

I PUNCH OA  
Dear Allan,  
Hello there.  
your fax. I en  
Post advert. I  
fans. I slobbe  
kettles.  
A-ha! I'm no  
writer, eh? TH  
my name nev  
page. Anywa  
that. I DO car  
single lovely  
send issue 15  
looking forwa

## THE POSTIE'S SACK

I've only had one this issue - not enough! I'll have to look through all my old cheque books to see exactly how much money I've sent over the years. I think we're about equal because there have been several issues that I've not contributed to. But will it be chips? We'll have to wait and see.

I've been after a Microdrive for bloody ages. Is it any good? I've got Inferno

ticket sales - none. We're not selling advance tickets. The stands have gone like hot cakes, though. I hope to have my eyesight intact after the event (but thanks for the comment).

### STUCK DOWN MICROBE

Dear All,

Please find enclosed my cheque for payment of a subscription of your mag.

Q) Which film is this a quote of?

"And for you, son, a french poodle!"

"Sorry, son, the dog was rabid, had to put it down!"

Answers on a stuck down microbe to...

Good stuff, these Pez tablets!

**Darren Wileman,**  
**Saturn Software,**  
**Ashby De La Zouch,**  
**Leics.**

Erm.... um.... ah.... Would you buy software from this man?

Ed.

### ANSWERING MACHINE ANTICS

In this space filler, erm, I mean special feature, are excerpts from some of the more interesting messages on the *Crashed* answering machine...

Colin Anderton: "Oh, crikey. You're not in. I could have bought a tin of beans with that ten pence, but I'll have to go hungry now. You said to ring you. Sob."

That's about it. There were lots of other messages, but they're mainly James Curry or George Boyle telling me that I'm not there and that they're going to try and ring me at home/at the office. Still, took up some space, eh?

### JUST BECAUSE

Dear Allan,

It's me again. Sorry I've not written since last December, but things have been busy, what with the opening of *Barbed Wire* and everything. I've heard that that loser Sturdy is still moaning about the issue with me on the cover and the one after. When will he forget it and get a life? Hasn't he got anything better to do?

Anyway, love the idea about the Northern SAM & Spectrum Show - I'll try my best to get there, but I think my agent has got me booked in for a photo shoot. Whatever it is, I'll try to cancel it.

Bye for now. Tommy sends his regards.

**Pamela Anderson**  
**Hollywood**  
**America**

Yes, Pam, I know how you feel. At least it's not you he moans at - I have to listen to it! I do hope you can make it to the show, it'll be nice to see you again after so long. Must dash, I'm being interviewed for Breakfast With Frost in ten minutes. Say hello to Tommy for me.

Ed.

### DOWN OR DON'T

Dear Crashed,

I must say that since you took over there hasn't been many mentions of the Alchemist/Prism argument. Has it died down or don't you mention it?

It's nice to see Spec Tec Jr making a comeback - you've got your design quite close to the original. It's a shame issue 15 didn't have a Spec Tec column. I hope issue 16 will have.

Keep up the good work.

**S. Russell**  
**Sawbridgeworth**  
**Nr. London**

Thanks for the kind comments, S. I'm afraid to say that Spec Tec Jr hasn't made it into this issue, either. Simon is still writing the columns for us, but last issue had the Gloucester special, and this issue is a little smaller than usual, so he's been squeezed out again. Spec Tec Jr should return next issue - but we still need technical or programmy questions on the SAM or the Spectrum, so send them in please!

As for the Prism/Alchemist 'debate', we've stopped mentioning it, 'cos we got sick of the lawyer's letters and death threats.

Ed.

### I PUNCH OASIS FANS

Dear Allan,

Hello there. I thank you for your fax. I enclose a Trading Post advert. I punch Oasis fans. I slobber over broken kettles.

A-ha! I'm not on the database as a writer, eh? That would also explain why my name never appears on the contents page. Anyway, I don't really care about that. I DO care about receiving every single lovely issue of *Crashed*. Please do send issue 15 and the Pammy one. I'm looking forward to receiving both issues;

from Trading Post and will be reviewing it within the next month or so. I'll also try to send in a lot of hints 'n' tips cos I've finally got a few.

NSSS. Yeah, superb idea. Have you got Prism to come? That would be a good laugh if they and Alchemist met up. I haven't decided whether I'll be able to turn up - I certainly hope to. But Watford FC are at home on the same day and I've got a season ticket and I love 'em. How are you doing in terms of ticket sales so far. I hope it's a blinding success.

**St. John Swainson,**  
**Rickmansworth,**  
**Herts.**

Hello there. I thank you for your letter. I read the Trading Post advert. I kick Oasis fans. I, erm, throw away broken kettles.

For readers who aren't sure what St. John is going on about in his second paragraph, I should explain. St. John should have been on the *Crashed* Database as a writer, but because of a mistake which was made probably over a year ago, he hasn't had all the issues. It's all been sorted out, now, though. So it will be chips, then, eh?

The Microdrive question is there because I bought a Microdrive - see the editorial. I think it's great.

Please review *Inferno*, it'll look lovely in issue 17.

Hints and tips are

also welcome, because it'll be all *Jet Set Willy II* if no-one sends any in.

Yeah, I tried to get Prism and Alchemist to turn up, but only Alchemist can come. I was looking forward to a good scrap. Can't say I didn't try my best for you. Watford FC? Dave Fountain says that they're crap and that they'll lose anyway. I'll let you in the show for free, too! As for

**CRASHED**  
**16 The Avenue**  
**Manston**  
**Leeds**  
**LS15 8JN**



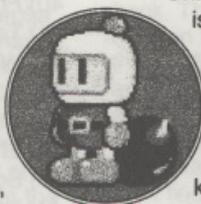
# Looking On... Kaboom!

Preview by  
Allan  
Clarkson

Well, well, well. what have we here. Blow me if it's not **Super Bomberman** (TM) on the SAM! And blow me again if it's not really promising! And keep blowing me till you're blue in the face if it's better then the SNES version in some ways!

That's alright, you can stop blowing now. Stop it! Anyway, as you've probably guessed, the game known popularly amongst console users as *Super Bomberman* is coming to the SAM, courtesy of Wayne Coles and Fred Publishing.

I've got a demo of the game with four levels on it, and I can tell you that it's going to be pretty good. The graphics are



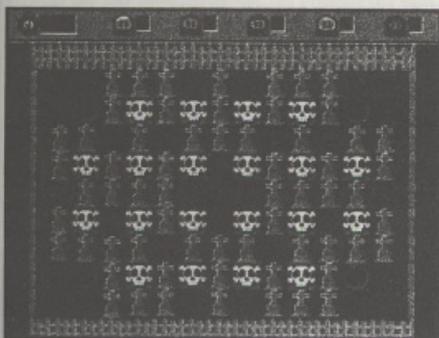
dreamy and are worthy of a 16-bit console, the little guys on the screen run like the clappers and the bomb animation is very nice.

Unfortunately, the in-game music isn't done yet so I can't tell you how it sounds. These programmers, eh?

The whole thing is done very much in the Japanese video game-style of the original, which keeps it authentic, though perhaps a little irritating. I never did like those Japanese cartoons. They always look so weird, y'know. It's still fun to play, even though my version only has two players.

The idea of the game is to be the last Japanese-looking character standing in the maze-type field. To do this, you place bombs on the ground, which explode a few seconds later, sending out four fiery flames of death. Anyone caught in this path will be killed, and any walls will be destroyed. Of course, you can be killed by your own bombs, so it's best to keep a safe distance, just like at bonfire night. There's lots of power-ups, ranging from funny bombs with spiny things on top (I've no user guide) to extra speed, etc.

Wayne sent me this SAM - SNES



Ooh, lots of scary skulls. But there's still a distinct absence of little guys in helmets with bombs.. Perhaps there's a shortage of them at the moment.

## A Chat With Our Man Wayne

**Why a Super Bomberman clone?** "Well, it's a really good game, so... On the SAM you don't really get many multi-player games, because of the keyboard clash, so I thought it would be really interesting to do a five-player game on the SAM, to push it as fast as it could go."

**How did you design it? Did you look at the SNES version?** "Yeah, that's basically what I did. I had a SNES and Bomberman, and I really liked it. There had been attempts at it on the SAM before, but they don't come close to the original."

**What do you think of it in comparison to the SNES version?** "Erm... it's pretty close, but there were a couple of things which I had to miss out, such as bomb-punching and kicking, but that's basically because of processor time required. The presentation, though, is at least as good, if not better."

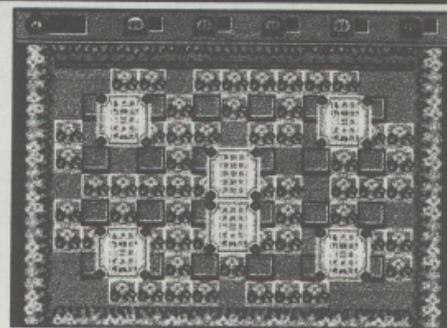
**Who came up with the name?** "Nick Bay did. I couldn't think of a name, so he said "What about Kaboom?", so I said okay. And that was it."

**Future projects?** "Loads. Next year you should see quite a few games coming out from me." **Could you be more specific?** "Early next year there'll be a beat-em-up, then a racing game, then possibly a platform game. We also want to do a role-playing game like *Legend Of Zelda*. I've already got the graphics for it, but it's such a big game that it won't be out until the very end of next year, maybe even 1998. The role-playing game will scroll, too. I've been working of a scroll routine which will allow almost full-screen scrolling."

**...Favourite yoghurt?** "Strawberry" **Custard-style or regular?** "Regular"

**Any last words?** "Look out for my games, they'll blow the rest away."

**Blimey. Thanks, Wayne.**



There appears to be an absence of little guys with bombs on these screenshots. Um, perhaps they've popped out for a fag, or something.

comparison chart with the letter he sent. Here it is (with a few additions of my own).

| Feature        | SNES     | SAM        |
|----------------|----------|------------|
| No. of players | 4        | 5          |
| No. of zones   | 14       | Over 20    |
| Timer          | 2 mins   | Selectable |
| Sound          | Music/FX | Selectable |
| Teleports      | Yes      | Yes        |
| Storage        | 1 Cart   | 2 Disks    |
| Stupid Name    | Yes      | No         |
| Blue Feet      | No       | Yes        |
| Manic Miner    | No       | Yes (2)    |

There y'go, then. The SAM's brilliant - and that's official.

To sum up, **Kaboom! Battle Valley** (as it insists on being called) looks very promising. And with a great coding team behind it, how can it fail to be good?

### INFO BOX

**Name...** Kaboom!

**By...** Wayne Coles (code)  
Nicholas Bay (graphics)

**From...** Fred Publishing

**Price...** £TBA

**Out...** October



Coming soon, to a SAM near you. Oh, I've used that one, haven't I? Well, I've got a bit of a box to fill up, so, erm... Weather, eh? What a lot we've been having recently. Yes.

# Game On

Aaand now, after a bit of break, *Game On* returns with our resident Brummy Robe Chilton at the helm. This month Robert has a Jet Set Willy special, to go with last issue's covertape. Take it away, Rob...

This month's **Game On** is dedicated to last issue's covertape extravorganza or JSW games. Having fun playing them again? Getting lost and stomped on by the nasty sprites? Well help is at hand. For those of you wanting to cheat your way through JSW, here is a program that will work with the *Crashed* version of the game. Type in for hours of fun...

**Jet Set Willy (1)**

- 10 CLEAR 32000
- 20 LOAD "" CODE
- 30 REM \* PUT POKES IN HERE \*
- 40 PRINT USR 33792

Type in the program, RUN it and play the JSW tape (the BASIC loader will be ignored). Here's a selection of POKES to place on line 30:

- POKE 35899,0 - INFINITE LIVES
- POKE 36477,1 - FALL WITHOUT DYING
- POKE 37874,0 - ALL OBJECTS COLLECTED WHEN YOU ENTER ROOM
- POKE 35123,0 - GETS RID OF ALL THE NASTIES
- POKE 37925,0 - LOSE MARIA

That lot should keep you happy for a bit.

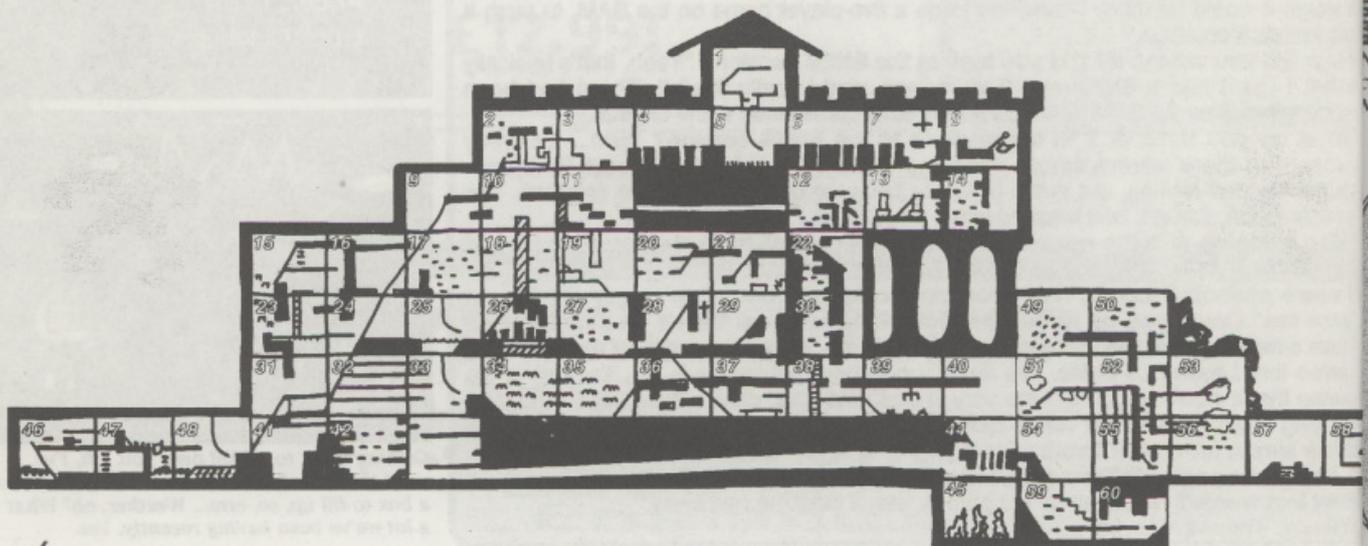
To help all you lost types out there, here's a map to help you find your way around Willy's mansion. The map

shows all the rooms - you just have to figure out how to collect all the goodies and dodge the baddies. Here's a list of the room names and numbers...

- 1) Watchtower
- 2) Nomen Luni
- 3) On The Roof
- 4) Up On The Battlements
- 5) We Must Perform A Quirkafleeg
- 6) I'm Sure I've Seen This Before
- 7) Rescue Esmerelda
- 8) On Top Of The House
- 9) Conservatory Roof
- 10) Under The Roof
- 11) The Attic
- 12) Dr Jones Will Never Believe This
- 13) Emergency Generator
- 14) Priest's Hole
- 15) Above The West Bedroom
- 16) West Wing Roof
- 17) Orangery
- 18) A Bit Of Tree
- 19) Bedroom
- 20) Top Landing
- 21) Bathroom (Start)
- 22) Halfway Up
- 23) West Bedroom
- 24) West Wing
- 25) Swimming Pool
- 26) Banyan Tree
- 27) Nightmare Room
- 28) First Landing
- 29) The Chapel
- 30) East Wall Base
- 31) Back Door
- 32) Back Stairway

- 33) Cold Store
- 34) West Of Kitchen
- 35) Kitchen
- 36) To The Kitchen / Main Stairway
- 37) Ballroom West
- 38) Ballroom East
- 39) The Hall
- 40) Front Door
- 41) Toolshed
- 42) Wine Cellar
- 43) Forgotten Abbey
- 44) Security Guard
- 45) Entrance To Hades
- 46) Bow
- 47) Yacht
- 48) The Beach
- 49) Out On A Limb
- 50) Treetop
- 51) A Branch Over The Drive
- 52) Inside The Megatrunk
- 53) Cuckoo's Nest
- 54) The Drive
- 55) At The Foot Of The Megatree
- 56) Under The Megatree
- 57) The Bridge
- 58) Off Licence
- 59) Under The Drive
- 60) Tree Root

Next time we should have a map and details of *Jet Set Willy 2* for you to peruse, as well as some other hints and tips. Send any pokes, cheats, maps, etc. which you want to share with the nation to Game On, *Crashed*, 16 The Avenue, Manston, Leeds, LS15 8JN.



BU  
BY Ju  
PRICE  
AVAIL  
in Pos  
OUT N

An incredibly logical plot to control the game Bob, who is in you guessed non?  
The house is rings, candle other priceles which you mu level. Which is burglar would and surround- ump out the v  
To help you which go up a and right, lifts which move d fanatic's drea  
There's lots house, which the household which seem la vampire bats. you'd have cu

Not that I know course. I've nev Mojo chew.

Burglar Bo developme main selec and the an disappear crap. There most notice yet) and the where you' fair game b

# Burglar Bob

BY Jupiter Software

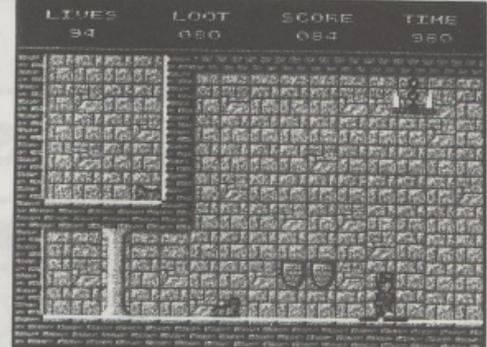
PRICE £4.00

AVAILABLE FROM Jupiter Software - address

in Post Box

OUT Now

Review by Allan Clarkson



After a bit of  
On returns wit  
Bummy Rober  
elm. This month  
Jet Set Will  
with last issue  
It away, Rob...

Main Stairway

An incredibly simple but really quite logical plot to this one: steal. You control the game's namesake, Burglar Bob, who is in a house which he has to, you guessed it, burgle. Simplessement, non?

The house is littered with diamond rings, candelabras, large gems and other priceless objects, a number of which you must collect to complete the level. Which is rather odd, as any sane burglar would be looking for the VCR and surround-sound amplifier, and then jump out the window, wouldn't they?

To help you get about, there's lifts which go up and down, lifts which go left and right, lifts which do both, and lifts which move diagonally. So, a lift fanatic's dream, then.

There's lots of dangers around the house, which mainly come in the form of the householder's rather unusual pets, which seem largely to be worms and vampire bats. Hardly the sort of pet you'd have curl up on your lap while you

watch TV, but there y'go. You can kill these by jumping on them, though they return if you leave the room then go back. There's also security guards, who happen to be really crap at guarding things. For a start, they're short sighted, and don't even see you until they're really close.

To complete each level you'll need to find a key to open the end-of-level door, then find the end of level door. You also need to collect enough booty - too much and the alarm will be raised, as will it if you kill too many pets. To top it all, there's a time limit which is quite constricting. Pah.

If you like Jet Set Willy then you'll probably like *Burglar Bob*. Although the sprites are much bigger, the rooms less imaginative and the meanies less interesting, it's basically the same thing. Lifts, goodies to collect, baddies to avoid, and so on.

The graphics are quite nice and largely well drawn and animated, although some of the pets are a bit dodgy. There's a nice egyptian-style backdrop on the first two levels which makes the screen much nicer to look at than a plain black background. The lifts work well, and they carry you along, rather than insisting you walk along with them (a la *Dizzy*). The main sprite moves very well, although when you stop it stays in the current frame of the animation rather than displaying a 'standing' frame, which can look odd.

The sound, however, is non-existent. *Quazar Surround* effects are promised in a future version, but considering that most SAM owners don't have access to this miracle-in-a-box, it's a bit of an empty promise. Not even a beep or a

Bob really was an utterly crap burglar. For a start, he chose an old castle full of worms. A bit of a crap place to burgle if you ask me.

buzz passes through the speakers during *Burglar Bob*. Which makes the sound score only slightly better than that stupid piano chord rave tune I keep hearing every time I go out to town.

The presentation of *Burglar Bob* is largely non-existent. There's no loading screen, no intro, and only a badly-drawn 'you die' screen for when it's Game Over. However, this sort of thing doesn't really affect the gameplay, but just looks a bit tacky when friends come over



to attempt to play games which prove far too difficult for them to master (or is it just my friends who can't grasp to fundamentals of a diagonal jump?).

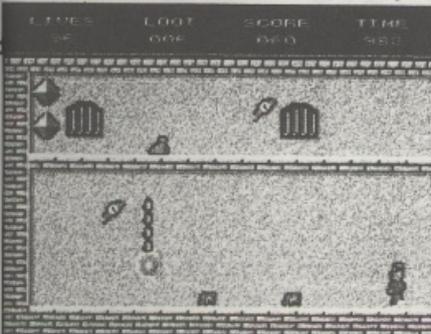
However, the actual game is quite enjoyable and I found myself wanting to load it up and play. There's four levels to play through, and there's an incentive to see the next one. The scenery changes half-way through, too.

So, *Burglar Bob* is quite nice, though it's got a few rough edges which could do with a smoothing down. It's only four quid, though, so it's well worth sending off for.

Allan's Score - 72

LOOKS - 76  
FEELS - 72  
SOUNDS - 0

FINAL SCORE - 69

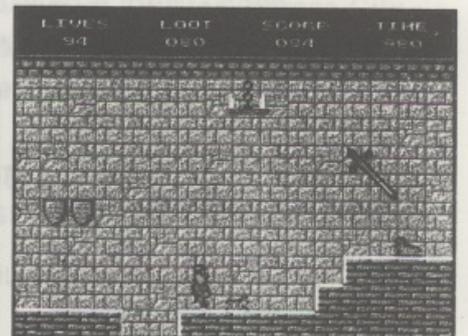


Not that I know anything about burgling, of course. I've never even nicked so much as a Mojo chew.

## MARK

*Burglar Bob* is another game written by Jupiter Software using the SCADS development system. The presentation is absolute minimum with only one main selection screen and no music at all. The graphics are nicely drawn and the animation such as Bob walking is quite good. The nasties just disappear when you jump on them to kill them, though, which looks a bit crap. There are, however, a couple of things which let the game down, the most noticeable being the distinct lack of sound (the *Quazar* version isn't out yet) and the annoying feature of the nasties returning if you return to a room where you've previously killed them. Taking all this into account, it's a fair game but could have been much better for sound chip-only users.

65



No, look Officer, I've never broken the law in my life! I'm writing to my MP about this. I don't have to put up with shoddy treatment...

|   |   |  |   |
|---|---|--|---|
|  |  |  | S.D. SOFTWARE   |
|   | <b>SATURN SOFTWARE</b>  |  | <b>Flexibase Services</b>   |
|  |  |  |  |
| Alchemist Research  |  |  |   |

# Who will you meet at the first Northern SAM & Spectrum Show?

Just about everyone by the look of things. Most major SAM and Spectrum companies will be there, including **Alchemist Research, Format Publications, Fountain PD, Fred Publishing, Persona, Crashed...** and many more! This show is a must for any SAM or Spectrum owner who wants to see the scene at first hand. There'll be exclusive new releases, special offers on software and hardware, opportunities to see works in progress, and some *very* special guests have been invited...

So don't miss out. Be there on the 21st September 1996

For more details, call Allan or Daniel on (0113) 237 4800  
or fax (0113) 237 4349

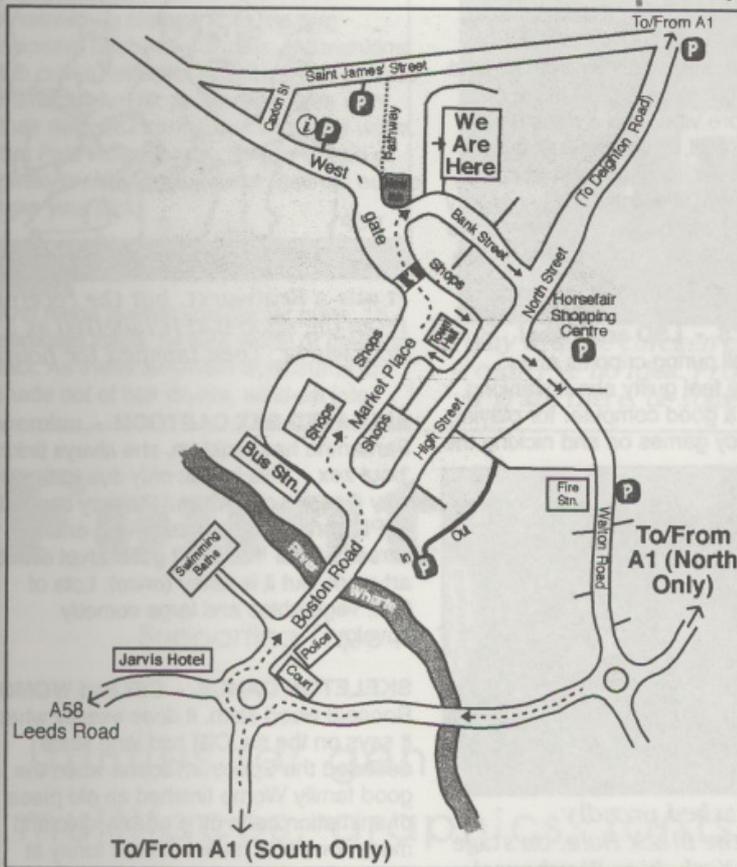
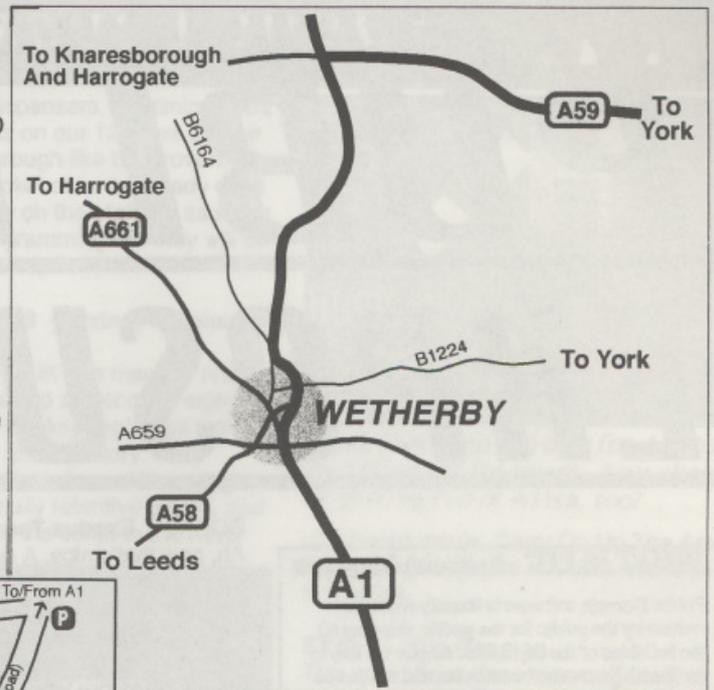
Or send an SSAE to NSSS, 123 Potternewton Lane, Chapel Allerton, Leeds, LS7 3LW.

By car:  
Coming  
Wether  
A58 to  
then yo  
right-ha  
Coming  
to Weth  
bottom-  
below.

A58  
Leeds Road

Publi  
80808  
Harro  
Suar  
Both  
statio  
In We  
river  
the p  
Entry

**By car:** Follow the A1 towards Leeds  
 Coming from the North, take the last exit to Wetherby, which is also signposted for the A58 to Leeds. Turn right at the junction, then you'll find yourself at the bottom-right-hand roundabout on the map below.  
 Coming from the South, take the first exit to Wetherby, then you'll find yourself at the bottom-left-hand roundabout on the map below.



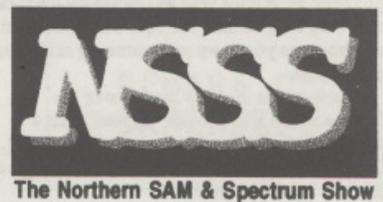
Take the top exit of the left-hand side roundabout, go over the bridge, then turn left. Follow the road round right then left, then take the first right after the pedestrian crossing. The hall is on your left.

- Parking:**
- Turn right after the bridge (200 spaces, free)
  - Go straight ahead after the bridge, and park in the Horsefair Shopping Centre car park further up on the right.
  - Take the second right after the pedestrian crossing (after the church).
  - Take the third right after the crossing, then right again. There's a car park further down on the right.

**Public Transport:** Some National Express coaches run to Wetherby. Call them on 0990 808080 for details. Trains, National Express and other coaches run to Leeds, York and Harrogate, all of which are close by. From Leeds, take either the 99 or 98 (from across City Square, which is outside the train station), or the 760 (from the bus and coach station). Both run every half hour. Local transport offices are in both the train and bus/coach stations.

In Wetherby, you'll end up at the bus station, which is just above the left-hand side of the river on the map. Turn left when leaving the station, walk across the pedestrian crossing, then turn right down Bank Street.

Entry is £1.50 for adults, £1 for under 14's, under 5's are free.



The Northern SAM & Spectrum Show

# PUBLIC EXPOSURE

In association with



Here's Dave Fountain with the best of the past few months Spectrum PD releases. SAM correspondent wanted, please apply to the usual address...

## WHAT IS PD? *By Hoojah R Legbaum*

Public Domain software is literally software written by the public for the public, skipping all the bullshine of the capitalistic empire we live in (so there). It can also be software that used to be commercial but the author has decided to free it from the dusty shelf to be enjoyed by anybody who wants it. Standing alongside we have Freeware (who used to be the dog in *Hart To Hart*) and Shareware (a knobbed program where you have to cough up for all the missing good bits).

The idea of PD was started by some free-wheeling hippies in the States, and like all idealistic attitudes, it has been tweaked, diluted, honed and abused by just about everybody since.

PD Libraries are the supermarkets for you to browse around in, as they do all the hard work gathering the programs together from the four corners of the globe. Just like girls, some libraries are bigger/cheaper than others, so check them all out first for the best deal. A couple of orders later and you'll soon realise who is on the ball.

The software is and should be free but libraries do make a minimal (or in some cases extortionate) charge to cover the cost of printing catalogues, electricity bills, lack of social life and having to answer the phone to twits. Libraries run as a business tend to give the worst deal for the end user, and that's you and me.

The software available runs from simple BASIC programs to sound and graphic demos coming in at Megabytes. With no major commercial games having been released for the Speccy since 1993, demos make the majority of new releases. A good library will have up to 3000 programs in stock so again, shop around for the big boys.

Demos can be what they say, demonstrations of what a computer can do that nobody thought is could do; usually they are just open letters to other enthusiasts seeking contact, etc. The PD network is worldwide, so a demo written in Potters Bar is more than likely going to turn up in Argentina given time. They can be awe-inspiring, funny, rude, stimulating or none of the above...

Utility software is essential if you want your computer to do something that you can't program yourself. Odds are that there is a program out there that you'll find priceless, a program that was never released commercially but is there for the taking. And if it doesn't exist someone will probably write it for you. PD programs are usually very easy to customise for your own needs and will improve your own programming skills into the bargain.

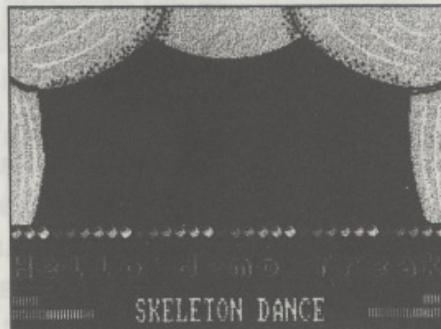
PD software is the very life-force of the Spectrum (the SAM is still 'blessed' with a capitalistic tinge) so what are you waiting for? Check out the addresses on the Post Box page and fill your boots for pennies.

## SORRY - Exodus Team

Ah, now that's nice. A demo crew apologising for not doing what they said they would. These guys must have one hell of a code compressor 'cos for 40-odd kilobytes you get three digi-tunes in the Happy Hardcore vibe, and a dancing handkerchief (well, what would you call it?). From now on, Exodus wish to be known as CLAW, and only they know why because the W is a bugger to draw on the Spectrum. Best crew on the scene still so check this out.

## JESUS ON E'S - LSD and Rebel

It's all very well curing cripples and making people feel guilty about wanking... The Amiga is a good computer for playing glorified Speccy games on and nicking the



*And now Crashed proudly presents... the Black Hole, on stage at the West Yorkshire Playhouse!*

graphics off like Rebel has done here. Jesus is the world's biggest bastard, and that's a fact (*though a rather controversial one -Ed.*). You can look at this for hours and not get bored... there's not that much to it but what is there is rather striking. On one!

## GALAXY 3 - Flashsoft

The floodgates have been opened and here come all those domes from Latvia, Belarus, Ukraine and Russia. They have Spectrums called Pentagons with Beta disc drives and will thrill us for the next two years as we swop Levis for Lithuanian porno (well, I will be, anyway). The demo scene needed a big shot in the arm and here it is right on cue. Soon to be known as Flash Sod.



Whilst shopping one day, our two Gals happened across a Remarkable sausage!

*It was a Bratwurst, but the receipt from the shop had it labelled as a Bockwurst. They laughed for hours.*

## ANIMATED SEX CARTOON - unknown

Samantha has problem, she always tinks 'bout zex... This is disc only due to the way it uses screen\$ and the lazy bastards at PD libraries who hate saving endless screen\$ files. You don't get Marvel comic art-work, but it is funny (once). Lots of fruit, vegetables and large comedy saveley.

## SKELETON DANCE - CIR and WOMO

Ronseal wood stain, it does exactly what it says on the tin. CIR had long since deserted the Spectrum scene when the good family Womo finished an old piece of animation code off a grubby disc and made it work to music. This is funny at least twice so its better than the other one, but not quite as funny as seeing a goth get his cloak caught in the doors of tube train like I did last week.



*Marcia had the whitest skin in the land, and it was so smooth it made her nose look all flat. Pah.*

Ooo-eee-oo  
s pac-ey mu  
Daaa-ooo-a

MUNCHKIN  
Fudgepacke  
A refreshing  
standard bim  
are cuties, el  
humans who  
their devious  
But Paul How  
geeky lookin  
take your pic

ECSTASY M  
Makers  
And mega is  
separate loa  
fact. As the  
made out of

F

Util  
mul  
al  
ec  
gar

F

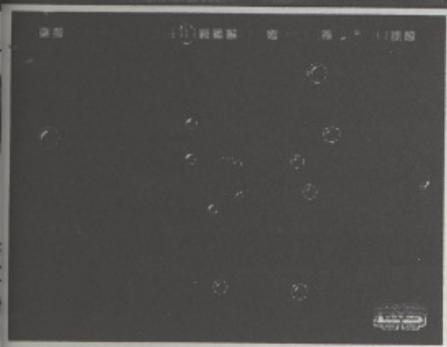
ation with.  
PD  
IC DOMAIN LIBRARY  
ountain with th  
st few month  
leases. SAM P  
wanted, pleas  
al address...



ne day, our  
across a  
but the receip  
it labelled as a  
laughed for hour  
TOON - unknow  
n, she always tinkir  
only due to the  
and the lazy bastar  
te saving endless  
t get Marvel comic  
(once). Lots of  
arge comedy

- CIR and WOMO  
does exactly what  
had long since  
scene when the  
shed an old piece  
grubby disc and  
This is funny at  
than the other  
unny a seeing a  
ght in the doors of  
week.

test skin in the  
smooth it made  
at. Pah.



Ooo-eee-ooo-aaa-ooo (and other  
spac-ey music) waaaooooooooo!  
Daaa-ooo-aaa, etc. etc.

**MUNCHKIN SLIDESHOW - Fudgepacker**

A refreshing change from the bog standard bimbo digi-shows... Munchkins are cuties, elfin-like, gamine, adrogenous humans who stir your pantal area with their devious charms and winsome ways. But Paul Howard says it's just a load of geeky looking girls without their tits out so take your pick.

**ECSTACY MEGADEMO - Dream Makers**

And mega is what you get for once. 15 separate loads, 54 files worth of mega in fact. As these ex-USSR Spectrums are made out of hair dryers, wind-up false

teeth and Pez dispensers, the timing goes out in some parts on our 128k'ers but the quality shines through like the proverbial diamond in a bucket of turds. Beedy eyes should focus now on the Makers, as when they sort the programming out they will be top three contenders.

**ONE TOO MANY 3 - Extacy 3 Yolpa Bros.**

The finest that the UK can manage return from what seems like a silence of eight months and two weeks. Bogie has moved again, but that's another story. We resume with the Bristolians still coming to terms with the anally retentive period, and what seems to be the script to the never



Why did the chicken cross the road? I've no idea. Probably a bit of grain there, or something.



Good. I've been waiting for Alf to be killed off for years. Any chance of getting rid of Ailsa, too?

completed movie, Carry On Up The Arse. Stimulating sound as ever but a new joke is needed.

**EXALF - The Gasman**

This could have been a homage to the great working class anti-hero Sir Alf, but Mr. Gas has decided to thrill us all with modern rendition of Axel F. For this I hope you will all join me on a march to his house with torches aflame, and for the guilty to be seen to with a potato peeler upon his private parts, his entrails slung from lamp-posts like paper chains, and to administer a ruddy good punch to his chin. (You're not too keen on this one? - Ed.)

# Fountain PD

Public Domain  
Software For The  
ZX Spectrum

Supporting Tape / +3 / +D / Microdrive / Opus

Utilities for general programming, multifaces, graphics, fonts, sound, application, business, printers, education, leisure, high quality games, disk/tape-zines, and over 700 demos!

First six titles free with every order, then only 5p (disk) or 10p (tape) per title - **WE ARE THE CHEAPEST!**

The largest selection of programs in the UK. Send for our latest free catalogue (no SAE required)...

**Fountain PD**  
(Dept. C)  
11 Camel Road  
Silvertown  
London  
E16 2DE

**BEWARE OF EXPENSIVE IMITATIONS**

# retro review

Hello, Allan here. This Issue's *Retro Review* seems to have a somewhat bikey feel to it, due to Robert choosing to review three games based on bikes. So I've had to follow suit and review some bike based games too. Tsk, eh? If you don't have any particular interest in bikes then blame Robert for this.

### Eddie Kidd Jump Challenge / Martech (1984)

**Robert** Now this is what I wanted - stunt biking. The real macoy. The game begins with you pedalling your little legs off on a BMX, then flying up a ramp and over a line of barrels to qualify. Dead easy. But then comes the motorbike-jumping-over-cars-bit, which takes lots of patience and skill. After several hours of becoming a crumpled mess and waving to the crowd (to show that you're alright) you'll manage to get it right, and then another car is added on. I once managed 24, y'know. After this feat I promised never to play it again, and I didn't, until now, and it's brought back all those nightmares from 1984 to haunt me. Although it's difficult to master, it's a good game, with no annoying noises and functional graphics. If you can concentrate for long periods then this game is for you. Oh, and play it using a rubber keyed Speccy - it's easier to master.

SCORE - 75

### Milk Race / Mastertronic (1987)

**Robert** Britain's answer to the Tour De France, but with the added novelty of watching bottles of milk ride racing bikes.



Joe tried his hardest to overtake the car, but soon realised that he was on the wrong side of the road and was just about to hit a lorry.

The game begins with a map of the route which you're going to take. There's 13 stages in all, and the basic plan for all is change gear, dodge riders, avoid cars. Oh, and don't forget your milk - not for nighty nights but for energy. There's conveniently-placed bottles of milk placed on the side of the road, which is handy. However, none of them dance like they do in the advert. Tsk. When you crash (and you will), the team car appears - it's an Astra GTE Cabriolet (the programmer must have been a yuppie) - chucks you a new bike, and while posing to the crowd, runs you over.

This game is too repetitive to be addictive, and it doesn't give you the feel of riding in the Pelaton. Though for £1.99 what more could you ask for? Tour De Force was £8 more expensive and pretty much the same as this.

SCORE - 60

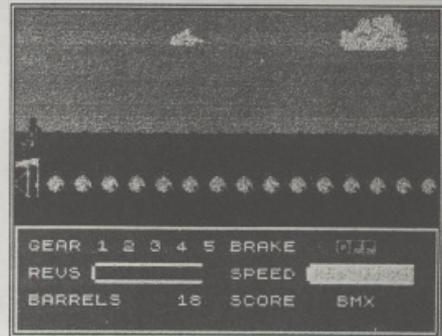
### Clumsy Colin Action Biker / Mastertronic/KP Crisps (1987, probably)

**Allan** This game was given away free with KP Skips if you collected enough tokens and sent off for it (which I never did). It's based around Clumsy Colin, who was the character who adorned advertisements for the product and the packets themselves.

The game takes absolutely ages to load, but this isn't because it's a massively brilliant game or anything, it's because there's about ten different loading screens, each advertising a KP or Mastertronic product. Crap or what?

The game itself takes place in a rather overcrowded town, where Colin has to complete tasks to finish the game, which I recall involves collecting crisp packets. You can run out of fuel, skid on oil, and fall into many other hazards. The oddest part is the "dark area" of town which is basically a black part of the map which you can't see (unless you've collected the torch, quelle surprise).

It's quite boring, really, which is a shame. But what do you expect for ten tokens? The Commodore 64 version is much better, mainly due to the fact that it is completely different to the Spectrum version. It's an isometric 3D affair, with ramps and stunt courses and things. It's not brilliant, but kicks the ass of the Speccy version.



Wheeeee! Eddie jumps over some barrels, but his revs count is right down - will he make it? Who cares?

Action biker indeed. I've seen more action watching the test card. Pah.

SCORE - 48

### Wheelle / Microsphere (1983)

**Robert** This was one of the first games I ever bought, because the packaging showed motorbikes jumping over buses. Yes, this is what I want - stunt biking (again? -Ed.). I do a bit of that in the real world, and in Specland I won't get bits of me broken. So I gave the man my money and pedalled home to play, popping wheelies down the high street to get into the mood for playing. I got home, loaded it up, and... wait a minute. This isn't stunt biking, it's an arcade platformy thing but on a motorbike. Pah.

There is a plot of sorts. Ride from one side of the map to the other dodging hedgehogs, jumping buses and catching tyres (to get a higher score). A lot of skill is needed to get to the end screen, where you find another biker who shouts "Nah-na-na-naah, race you back, girlie" (or something similar).

So you take the challenge and race the biker back to the start, which would be fine apart from the fact that you have to remember the awkward route back whilst the Ghost rider (as the blurb calls him) whistles on his merry way and two finger salutes you as her rides through walls. In fact, he cheats that much that you'll swear back at him as you pull the plug.

SCORE - 70



Leave the tape running, my leige. The dawn of Ragmorath is upon us, and the gods of the sky will revenge us if ye tape is stopped. Forsooth, ye Wheelle loading screen, 'tis patronising.

Qu...  
BY C...  
PRIC...  
AVAI...  
Box...  
OUT...

The Hardv...  
This piec...  
Quazar ow...  
waiting for...  
Sound car...  
People spe...  
socket on...  
and it is he...  
Quazar Su...  
(QSSM) is...  
Quazar Su...  
The Mod...  
white met...  
matchbox...  
box is the...  
plug, on th...  
for stereo...  
hand side...  
which con...  
signals fr...  
allowing t...  
The QS...  
the "free"...  
Disc (ca...  
delved in...  
designed...  
maximum...  
can sam...  
7800Hz...  
asking (y...  
sample...  
Sound c...  
stereo?...  
why this...  
produce...  
bit stere...  
of £70-9...  
that san...  
taken u...  
looking...  
taking u...  
are san...  
good as...  
possibl...  
CDqua...  
second...  
The Sc...  
The Sa...  
contain...  
Sampl...  
Quaza...

## Quazar Sampler

BY Colin Piggot

PRICE £29.99

AVAILABLE FROM Colin Piggot - address in Post

Box  
OUT Now

Review by Mark Bennett

### The Hardware

This piece of hardware is what every Quazar owner out there has been waiting for since the Quazar Surround Sound card came out last Summer. People speculated as for what the 25-pin socket on it's side would be used for, and it is here that the aptly named Quazar Surround Sampler Module (QSSM) is attached to complete the Quazar Surround hardware.

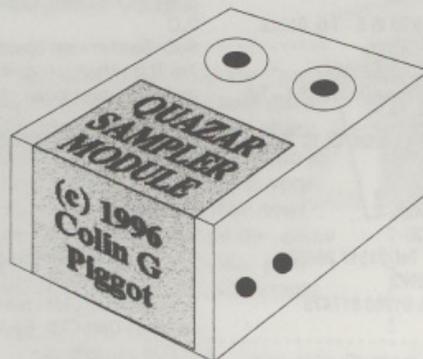
The Module is a very neat compact white metal box a little larger than a matchbox. On the left hand side of the box is the all important connecting 25 pin plug, on the top are two phono sockets for stereo audio input, and on the right hand side of the box are two screws which control the calibration of the signals from your sound source, thus allowing for optimum audio input.

The QSSM will only (as yet) work with the "free" **Sampler Software Utility Disc** (catchy title -Ed.) which will be delved into later. The QSSM has been designed to sample audio at a maximum of 8 bits and at the moment can sample at a frequency of either 7800Hz or 15600Hz. You might be asking (well I did), why does the QSSM sample at only 8 bits when the Quazar Sound card can play back at 16 bit stereo? There are two main reasons why this is so, the first being that to produce a sampler that is capable of 16 bit stereo would have cost in the region of £70-£80, and the second reason is that sampling at 16 bits the memory is taken up very quickly (you would be looking at only around 3-6 seconds taking up 380k). Besides, sounds that are sampled at 8 Bits 15600Hz sound as good as a CD player, anyway. So, it's possible to record 24 seconds worth of CDquality (15600Hz) mono or 12 seconds stereo taking up 380K.

### The Software

The Sampler Software Utility Disc contains two pieces of software - the **Sampler Suite** and version 2.2 of the **Quazar Surround Sample Players**.

What we are interested in at the moment is the Sample Suite and what it enables you to do with the QSSM. The program allows you select between mono or stereo inputs, toggle between 7800Hz and 15600Hz for recording audio input. To ensure best quality audio input as possible a sound source that has a good volume a graphic equaliser should be used, so you can play with the audio frequencies to obtain a signal that you are happy with. Also, if your sound source only has a stereo jack output you will require a lead with twin phono sockets at one end and the stereo jack at the other (these cost about £2-3 from Tandy, etc.).



*Artist's impression of the Quazar Sampler Module. Have you seen him in the area? Perhaps he's tried to sell you something. Call Crimewatch UK on...*

Right, on with the program itself. You are presented with the main screen, which shows the various options that are available. These include the frequency toggle and stereo/mono toggle options, the record, play-back and save options, and the calibrate option. A nice touch is that if you have the sound source attached with nothing playing and have selected the calibrate option then background screen goes green (or should, anyway). The brighter the green, the better the input calibration. It also has a built in volume sensor, so if your audio input is set to too loud then the

background screen shows red and blue lines, and if the screen shows a lot of bright green lines then the sound is too quiet. Once you have selected the sound input, the volume, which sampling settings you want and most importantly what to sample, it's time to press the R button and see what happens. Due to the normal SAM only having 512K (the 1MEG RAM packs are not supported) the longest sample you can hope to get is 48 seconds at 7800Hz Mono, and although this is the lowest sound resolution, the resulting recorded sample can still sound very good if the audio input has been passed through a graphics equaliser beforehand. The best quality is at 15600Hz Stereo and returns 12 seconds of sampled sound, though selecting Mono sounds more or less the same and you get a nice 24 seconds of CD quality playback. You can, of course, stop the recording at any time, and pressing "P" will play back the sample. If you are satisfied with what you have, you can save the sample to disc. A nice thing about this utility is that you can hear the audio input even if you are not recording, so you can find the part that you want to sample without unplugging your CD or tape playre. This is because the unit is sampling all the time, and in a future version it should be possible to play around with the audio as it plays through.

If you enjoy using your SAM to play about with sound and music, then the Sampler Module is ideal for you. It's even better for someone who can program games and wants to include better sound effects. Using the sample players written by Colin, it is reasonably easy to include any sampled speech or sound effects into your own programs. Even if you are only going to use the module and your SAM mainly as a hobby, it is nice to be able to add this extra dimension to your computing enjoyment, and at the same time have some fun seeing what you can do to your favourite song.

### Final Verdict

The **QSSM** is an ideal piece of hardware both for the hobbyist as well as the more professional coder, especially when used with the **Quazar Studio** editing suite. It's very easy to produce decent results first time, and with a bit of practice and patience you can get some very impressive samples. The QSSM is very easy to use, and at only £29.99 is very good value for money, especially considering the possibilities.

# 16 Post Box

## Software houses / suppliers

Ace Software/Alan Cresswell (Spec) - 18 West St, Geddington, Northants, NN14 1BD  
 Adventure Workshop (Spec Adventures) - 36 Grasmere Rd, Royton, Oldham, Lancs, OL2 6SR - Tel. 0161 652 7565  
 Atomik Software (SAM) - 20 Grove Road, Hoylake, Wirral, Merseyside, L47 2DT  
 Betasoft (SAM) - 24 Wyche Ave, Kings Heath, Birmingham, B14 6LQ  
 Brendan O'Brien (Spec) - 22 Garron Cr, Larne, Co. Antrim, N. Ireland, BT40 2AT  
 Capri Marketing (Spec) - 9 Dean St, Marlow, Bucks, SL7 3AA - Tel. 01628 891022  
 Dreamworld (Spec adventures) - 10 Medhurst Ct, Gravesend, Kent, DA12 4HL  
 Elyziy Software (SAM adventures) - 50 Chadswell Hgts, Lichfield, Staffs, WS13 6BH  
 Everglade (Spec) - 68 Telford St, Inverness, Scotland, IV3 5LS - Tel. 01463 240 168  
 F9 Software (SAM) - 18 Mill Lane, Glenburn Rd, Skelmersdale, Lancs, WN8 8RH - Tel. 01695 731163  
 Fish (Spec) - 3 Station Rd, Birch Vale, Stockport, Cheshire, SK12 5BP - Tel. 01663 743397  
 Flexibase Software (Spec/SAM) - 20 The Parklands, Droitwich, Worcs, WR9 7DG  
 Fred Publishing (SAM) - 40 Roundhill, Monifieth, Dundee, DD5 4RZ - Tel. 01382 535 963  
 Grafix Wizards/Jonathan Cauldwell (Spec) - 5 Helmsley Dr, Eastwood, Notts, NG16 3RS  
 Impact Software (Spec) - 36 Budge's Rd, Wokingham, Berkshire, RG40 1PJ - Tel. 01734 891292  
 JRC Distribution (Spec) - Tel. 01789 490307  
 Jupiter Software (SAM) - 2 Oswald Rd, Rushden, Northants, NN10 0LE  
 Kobrahsoft (Spec/SAM) - Pleasant View, Hulme Lane, Hulme, Staffs ST3 5BH - Tel. 01782 305244  
 MDL Software (SAM) - Holmrigg, Wester Essendy, Blairgowrie, Perthshire, PH10 6RD  
 Microspec Software (Spec) - 22 Bond St, Innerleithen, Perthshire, Scotland, EH44 6HW - Tel. 01896 830560  
 Mungus! Software (SAM) - Moorview, Leigh Rd, Chulmleigh, N Devon, EX18 7BL  
 Persona (SAM), 31 Ashwood Drive, Brantlesholme, Bury, Lancs, BL8 1HF - Tel. 0161 797 0651  
 RDS Software (Spec) - 24 Chelsea Park, Easton, Bristol, BS5 6AG - Tel. 01227 555064  
 Revelation Software (SAM) - 45 Buddle Lane, Exeter, EX4 1JS  
 SD Software (Spec/SAM) - 70 Rainhall Rd, Barnoldswick, Lancs, BB8 6AB  
 Sintech (Spec) - see Spectrum-User-Group for address  
 Spectrum Software Hire, 32 Dursley Rd, Trowbridge, Wilts, BA14 0NW - Tel. 01225 775446  
 Steve's Software (SAM) - 7 Narrow Ct, Histon, Cambridge, CB4 4XX - Tel. 01223 235 150  
 Supplement Software (SAM) - 37 Parker St, Bloxwich, Walsall, WS3 2LE - Tel. 01922 406 239  
 Tasman Software (Spec) - Hilton Court, 2 North Hill Road, Leeds, LS6 2YY  
 Wizard Games (Spec) - 1 North Marine Rd, Scarborough, North Yorks, YO12 7EY - Tel. 01723 376 586  
 Zenobi (Spec adventures) - 26 Spottland Tops, Cutgate, Rochdale, Lancs, OL12 7NX

## PD software

Alchemist PD (Spec) - 126 Hayward Rd, Redfield, Bristol, BS5 9QA  
 Fountain PD (Spec) - 11 Camel Rd, Silvertown, London, E16 2DE  
 Hammer PD (Spec) - 43 Gwydir St, Toxteth, Liverpool, L8 3TJ - Tel. 01517 289084  
 MDL (Spec) - 249 Dunbarton Rd, Old Kilpatrick, Glasgow, G60 5NQ  
 Prism PD (Spec) - 13 Rodney Ct, Bilton, Rugby, CV22 7HJ - Tel. 01788 817473  
 SAM PD (SAM) - see F9 software above for address  
 Womo PD (Spec) - Ernstrasse 33, D-51069 Kohn, Germany  
 Zedd- PD (SAM) - see Zodiac fanzine for address

## Hardware / consumables

BG Services (Spec/SAM) - 64 Roebuck Rd, Chessington, Surrey, KT9 1JX - Tel. 0181 3970 763  
 Chris Box (external 3.5" +3 drives) - 31 Stanley St, Semilong, Northampton, NN2 6DD  
 Colin Piggot (SAM) - 204 Lamond Drive, St. Andrews, Fife, KY16 8RR  
 Dattel Electronics (Spec) - Govan Rd, Fenton, Stoke-on-Trent, ST4 2RS - Tel. 01782 744 707  
 DCP Micro- Developments Ltd, Edison House, Bow Street, Great Ellingham, Attleborough, Norfolk, NR17 1JB - Tel. 01953 457800  
 EEC (Sinclair) - 8 Ravensmead, Chalfont St. Peter, Bucks, SL9 0NB - Tel. 01494 871319  
 Entropy/Rookssoft (SAM) - 1 Dovey Close, Astley, Tyldesley, Manchester, M29 7NP - Tel. 01942 886084  
 Greenweld Electronic Components, 27 Park Rd, Southampton, SO15 3UQ - Tel. 01703 236363  
 Romantic Robot (Spec) - 54 Deanscroft Avenue, London, NW9 8EN - Tel. 0181 200 8870  
 SD Software (SAM) - see software houses for address  
 SRS (second-hand computers, including Spectrums, Spectra? Sod it.) - 94 The Parade, Watford, Herts, WD1 2AW - Tel. 01923 226602  
 West Coast Computers (SAMs and accessories) - Format Publications, 34 Bourton Rd, Gloucester, GL4 0LE - Tel. 01452 412572

## Spare and repairs

City Computer Services, Units 4-6 Adderly Estate, 197 Adderly Rd, Salfrey, B'ham B8 -

Tel. 0121 327 3176

Electronic Services (Spectrum repairs) - 33 City Arcade, Coventry, CV1 3HX - Tel. 01203 224632  
 Heath Computers (Spectrum repairs) - Unit 3, Speedwell Trading Estate, Kings Road, Tysley, Birmingham, B11 2AT - Tel. 0121 772 1200  
 HEC (Spectrum repairs) - 47-9 Hindley Street, Leigh, Lancs - Tel. 01942 672424  
 HS Computer Services, Unit 2, The Orchard, Warton, Lancs, PR4 1BE - Tel. 01772 632686  
 Infotech & Stree (repair/service manuals - £15 - for the Speccy) - 76 Church Street, Larkhall, Lanarkshire, ML9 1HE - Tel. 01698 883334 / 888343  
 JRC Camera Repairs, 2 Forge Cottage, High St, Ewelme, OX10 6HQ - Tel. 01491 834403  
 KPR Micro-systems (Spectrum repairs) - Springfield, Chelmsford, Essex, CM1 5YP - Tel. 01245 468554  
 Trading Post, Victoria Rd, Shifnal, Shropshire, TF11 8AF - Tel. 01952 462135  
 WTS Electronics Ltd., Studio Master House, Chaul End Lane, Luton, Beds, LU4 8EZ - Tel. 01582 491949  
 West Coast Computers (SAMs) - see Hardware section for address

## Publications

8Bit (all 8-bits, £2 per issue, or £1.50 if 10 or more issues are ordered at once) - 39 High Street, Sutton in the Isle, Ely, Cambs, CB6 2RA - Tel. 01353 777006  
 Adventure Probe (all formats, £2) - 52 Burford Rd, Liverpool, L16 6AQ - Tel. 0151 722 6731  
 AlchNews (Spec tape/disk, £1 or free with medium and SAE) - 62 Tith Barn Lane, Woodhouse, Sheffield, S13 7LN - Tel. 0114 269 7644  
 Blitz (SAM disk) - See Persona (software) for address  
 Crashed (SAM/Spec) - ...and a big old garage thing 'round the back...  
 Format (SAM/Spec, £1.50) - see West Coast Computers for address  
 Fred (SAM disk, £2) - see Fred Publishing above for address  
 JDH Tipskip (Spec) - 40 Rosarie Place, Grimsby, S Humberside, DN33 2JS  
 Outlet (Spec, £3.50) - 34 Saltersgate Drive, Birstall, Leicesters, LE4 3FF  
 PD Power (Spec, £2.) - see Prism PD above for address  
 SAM2SAM (SAM disk, £1.50) - 65a Norman Crescent, Sunnyfields, Doncaster, DN5 8RX.  
 SAMDisk (What d'you think?, £2.00) - see Atomik software for address  
 SAM Supplement (SAM disk, £2) - see Supplement s/w for address  
 Sinclair Express (Spec, £1.75) - 7 Manor Drive, Merriott, Somerset, TA16 5NT  
 Spectrum UK (Spec, £1.50) - 28 Rockingham Dr, Melton Mowbray, Leicestershire, LE13 0LQ  
 SUC- Session - see Spectrum-User-Club for address  
 The Thing Monthly (lots of humorous wibble with a section on old computers, SAE for new-look promo issue) - 46 High Rd West, Felixstowe, Suffolk, IP11 9JE - Tel. 01394 273178  
 Zodiac (SAM, 50p) - New House, Holbear, Chard, Somerset, TA20 2HS - Tel. 01460 62118

## User groups

8-Bit Alliance (Spec) - see Hammer PD for address  
 Chic Computer Club/Spectre, PO Box 121, Gerrard's Croes, Bucks, SL9 9JP  
 INDUG - see West Coast Computers for address  
 Spectrum Profi Club - see Womo PD for address  
 Spectrum-User-Club, Gastackerstr. 23, 70794 Filderstadt, Germany - Tel. 0049 711 777142

This thing just keeps on getting bigger and bigger (ahem)! Phew...

## NOTICE BOARD

### MESSAGE

I've just bought loads of Speccy stuff, including a Genius (Kempston) mouse with interface and Artist 2 software. £20, anyone?

Allan.

### WANTED

Small ads for Notice Board. Send short lineage to the usual address. Absolutely free!

### WANTED

Passwords for SU Great 8 proze games. No. 20 July 92 Lone Wolf and No. 22 Sept 92 Nightrun. Call Robert on 01543 360819 or write to Crashed tips.

FOR SALE  
 100's of  
 Spectrum  
 games. Call  
 Gareth on  
 (0191) 373  
 6322

### MESSAGE

Don't forget the first Northern SAM & Spectrum computer show on the 21st September...!

The

CRA

Dalek Attack,  
**Issue 2** - It's  
 other stuff.  
**Issue 3** - Len  
 Ledbury, High  
 Tips.  
**Issue 4** - Lo  
 Sinclair User  
**Issue 5** - Sim  
 Witching Hou  
**Issue 6/7** - F  
 NC, Interview  
 Fishpaste vo  
**Issue 8/9** - M  
 machine in N  
 Fishpaste 2 r  
 the Crashed a  
**Issue 10/11** -  
 Towers pics,  
 reviewed, Lin  
 Sinclair Resea  
**Issue 12** - BA  
 controversial  
 now only if 50  
 one of our Bo  
 soundcard, an  
**Issue 13** - A r  
 Chop/Football  
 Brechley inte  
 helping of Ret

CRASH

CRA

Yes, that's  
 now offer  
 games for  
 bought a  
 there's ma  
 (title), hen  
 (most of it)  
 All games  
 with instr  
 any free  
 badges, m

60p  
 • Barry McG  
 Champions  
 • Cubey  
 • Die Alien

# The Shop

## CRASHED back issues

Issue 1 -  
Jon Nash  
interview,  
Reviews of

Dalek Attack, Street Fighter 2 and Nigel Mansell's Grand Prix.

Issue 2 - It's A Goal and Rotor reviewed, a letters section and some other stuff.

Issue 3 - Lemmings and Fireview 2 reviews, interview with David Ledbury, Highly Recommended, Whittle's Wibble oldie reviews, Playing Tips.

Issue 4 - Lookback at 1994, PD software reviewed in Public Exposure, Sinclair User in Nostalgia Corner, Dave F interviewed.

Issue 5 - Simon Cooke interview, Gloop, The Addams Family and The Witching Hour reviewed, Crash in Nostalgia Corner.

Issue 6/7 - First nice-looking issue! Home Computing Weekly appears in NC, Interview with the Shaw Brothers, Gloucester Fair report, TNT and Fishpaste vol 1 reviewed, Tech Niche Extra, plenty of News.

Issue 8/9 - Mark leaves in a blaze of no glory whatsoever, a stupid Atari machine in Nostalgia Corner, fanzine roundup, Ball Games and Fishpaste 2 reviewed, John Wilson interviewed, Public Exposure returns, the Crashed awards are announced.

Issue 10/11 - First colour cover, preview of Kilcol, exclusive Aiton Towers pics, Amalthea and Tango/Magic Dice and SC\_Word Pro reviewed, Linda Barker interviewed, Public Exposure exposes PD, Sinclair Research's 1984 catalogue in Nostalgia Corner, and lots more!

Issue 12 - **BACK IN STOCK** - but supplies are still limited! With it's controversial cover, this issue also has a free tape/disk with it, available now only if 50p or blank tape/disk is sent with order. Inside, there's part one of our Bob Branchley interview, a review of the Quazar Surround soundcard, and FLM on the SAM.

Issue 13 - A report of the Edinburgh show, a review of Hop N Chop/Football Glory, games tips in Game On, part 2 of the Bob Branchley interview, a look at the rivals in Going Underground, a double helping of Retro Reviews, and lots, lots more!

## Issue 14

Grubbing For Gold adorned this issue's cover (which no-one understood to be a European flag), and a review appears inside, along with reviews of Rat Salad, Dead Or Alive, the resurrection of Simon Cooke as Spec Tec Junior, Brian Watson (editor of 8Bit) is interviewed, The Postie's Sack gets controversial, and Public Exposure exposes the latest PD software.



## Issue 15

Manic Miner, Jet Set Willy, and Jet Set Willy 2 all feature on this issue's coverdisk/tape for Spectrum or SAM, and on this issue's cover. Inside we have a feature about the Spectrum on the Internet, a four-page words and pictures report of the April '96 Gloucester Fair, an interview with Jupiter Software's boss, reviews of Ice Chicken and Atomix, controversy in The Postie's Sack, and lots more!



## CRASHED posters A BARG AT £2.99 each

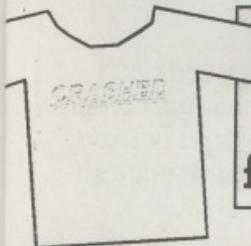
New! Fresh! Lovely! Adorn your walls with these full colour glossy A3-sized Crashed posters. Poster 1 features issue 10/11's cover artwork, 'Amalthea' (or 'the guy with the gun'), and poster 2 has issue 14's Grubbing For Gold cover, both drawn by Steven Pick. All posters are of high quality - much better than the covers themselves!



## CRASHED t-shirts

A SNIP AT  
£4.99 each

Yes, you too can have the Crashed logo plastered across your chest. These high-quality white t-shirts sporting the new Crashed logo in colour are only available in very limited numbers, so order now! We've got two left at £4.99 - show your support! We can also print slogans on them, call for details!



## CRASHED mail order software

Yes, that's right - Crashed is now offering the following games for sale. They've been bought as a job lot (ie. there's many copies of each title), hence the low prices. (most of it goes on postage). All games are new and boxed with instructions, inlays, and any freebies (such as badges, maps, etc.) included.

60p

- Barry Mcguigan's World Championship Boxing
- Cubey
- Die Alien Slime

- Enterprise
- Leviathon
- Protector
- Rad Ramp Racer
- War Recruit

80p

- Angle Ball
- Canyon Warrior
- Chronos
- Collision Course
- Colony
- F-16 Fighting Falcon
- Gregory Loses His Clock
- Hacker 2
- Jackal & Wide
- Jonah Barrington's Squash

- Knuckle-Busters
- Legend Of The Amazon Women
- Majik
- Micro Mouse
- Milk Race
- Prowler
- Pulse Warrior
- Raid (Over Moscow)
- Rapid Fire
- Rasterscan
- Rebel
- Rescue On Fractalus
- Shard Of Inovar
- Strike
- T-Bird

£1.00

- Agent X

- Cauldron 2
- Dun Darach
- Federation
- Marsport
- Tetris
- Tir Na Nog
- Trailblazer
- Xenon
- Zub

£1.20

- Cisco Heat
- Stifflyp & Co.
- Teenage Mutant Hero Turtles (the platform one)
- Welltris

And that's yer lot! (for now...)  
Nb: Delivery within 28 days.

# NEXT ISSUE

We're going to try to get issue 17 out in time for the Gloucester show, but we mightn't make it. Anyway, you'll find lots to read in the next issue of *Crashed*, which should return to it's usual 20-paged self, including...



**Spec Tec Junior** - he's been missing for a while, but with a bit of luck you'll see him next issue. Send in your questions now!



**Reviews** - lots of SAM and Spectrum software has been released recently, including Conquest, Chessmate, Elite, Momentum, and lots more, so expect to see reviews soon!



**The Crashed Interview** - shall return with a top SAMSpec celeb answering our many questions and queries. Will it be Matthew 'Jet Set' Smith, or the MD of Mikro-Gen? Find out in issue 17...

And lots, lots more! *Crashed Issue 17* - Out October/November. Don't miss it!

# SUBSCRIBE!

Send off before  
5th November  
and get a free  
Spacey game!

That's right - subscribe to *Crashed* for six issues and get a Spectrum game of our choice (tape only) from our mail order range absolutely free! The games are all boxed and unused, but we cannot guarantee any particular title. Just fill out the coupon below, send it off, and you'll be able to enjoy *Crashed* popping through your letterbox for the next year! Plus, a sub costs less than buying the issues seperately, making each issue around £1.40!



Name.....  
Address.....

..... Post Code.....

Tel..... Fax.....

Main computer/s (in order of preference) .....

What do you like/dislike about this issue of *Crashed* ?  
.....  
.....

I enclose a cheque/PO for £8.50 made payable to  
**Crashed Magazine.**

BP116/FG

Subject to availability. Offer applies only to current non-subscribers. All forms must be received by 8/11/96.