

sinclair®
ZX Spectrum® 48K RAM

CHEQUERED FLAG

from **PSION** 

Load and run by typing LOAD "flag"

Chequered Flag is a fast moving motor racing simulation in which you have to negotiate some of the world's most famous racing circuits. From behind the wheel of your thoroughbred Formula 1 racing car you have a dynamic view of the outside world flashing past and of continuously changing instruments on your dashboard display. Watch the various landmarks appear over the horizon and snake towards you — trees, milestones, rocks, warning arrows, a lake, etc.. There are even hills to climb and descend. Keep an eye on your instruments to achieve maximum performance and avoid skidding or overheating.

Your car has been carefully programmed to model accurately the dynamics of a real racing car, and you even have a choice of cars. Peak power will be delivered at the appropriate revs, and drag and road traction are all evaluated. In order to achieve maximum performance you will need to change up and down through the gears to keep the revs at the optimum level, and if you take the corners too fast you will start to slip sideways. But don't worry, to make things a little easier you can opt for a car with an automatic gear box — at the cost of a little power of course.

PSION software cassettes are manufactured by a fully automated process under the strictest quality control. Here are some details about the range of Psion software for the Sinclair Spectrum.

HORACE — HORACE AND THE SPIDERS is the most recent addition to the Horace series which began with **HUNGRY HORACE** in which our hero is chased by guards in the park, and includes **HORACE GOES SKIING** in which he faces all the dangers of the piste and more.

TRADITIONAL GAMES — Pit yourself against your Spectrum in these classic games of skill and tactics. Psion's **CHESS** has ten skill levels and

BACKGAMMON has four, as does **Computer SCRABBLE**®, sufficient to match any opponent who cares to try his hand.

MODERN GAMES — Play those ever popular Space Games — **SPACE RAIDERS** and **PLANETOIDS** or turn your Spectrum into a Flight Simulator with

FLIGHT SIMULATION, a sophisticated program which really tests your skill as a pilot. Take-off or land on a choice of two landing fields or fly around and survey the panorama, using your full instrument display, 3 dimensional view from the cockpit and detailed map of the local scenery.

APPLICATIONS — Get down to some serious business. **VU-FILE** is an all-purpose program for filing and information retrieval. Define your own records, add to them at will and find the information you require instantly. **VU-CALC** is the versatile spreadsheet program for producing and manipulating text, data and formulae in large tables. **VU-3D** is your own Computer Aided Design program. Create and design complex 3 dimensional objects, manoeuvre them as you please and display them at will from any perspective or with different shading.

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Ever wanted to drive a Formula 1 racing car flat out round a circuit?

CHEQUERED FLAG places you behind the steering wheel. You'll need one eye on the road and one on the dashboard as you steer and brake to avoid hazards and work your way through the gears in search of a lap record. An exciting full colour machine code game.



CHEQUERED FLAG

G31/S

SOFTWARE BY **PSION**  — 48K RAM



Your dashboard display features full analogue speedometer, rev counter, fuel and temperature gauges along with a gear selection indicator — plus lap timer and lap counter. The steering wheel is also visible and turns in response to your commands.

Driving a racing car is a very skilled business, and apart from keeping on the road and trying to establish new lap or race records, you will have to avoid various hazards and look after your car.

OIL/WATER — driving over oil or water on the road will dramatically reduce your grip and induce a skid if you try to turn.

OFF THE ROAD — if you put a tyre off the road your ride will get rather bumpy and the car's performance will be impaired. Don't go too far off the road or you'll crash!

GLASS — running over glass on the road will cause a tyre to burst, inducing a dramatic wobble and serious loss of performance. You must limp round to the pits to have a new tyre fitted.

OVERHEATING — constantly over revving will cause your temperature to rise, resulting in a blown-up engine if you don't take it easy. A visit to the pits will cool you down quickly. Take care that you don't change down a gear at high revs because this is also likely to cause severe overheating.

FUEL — if you undertake a very long race you will have to watch the fuel gauge. Stopping at the pits will refuel the car.

PIT STOP — just pull over to the side of the road by the pits and come to a halt. A full service will be performed, including new tyres, fuel and some engine cooling!

All that remains now is for you to select the circuit, car and number of laps, and there you are, on the grid waiting for the light to turn green.....

OPERATING INSTRUCTIONS

Accelerator: *qaz* key "Q"

Brake: *hannah* key "I"

Gear change Up: *2* key "M" or any key to right of M

Gear change Down: *1* key "N" or any key to left of N

Steering Fast Left: key "A"

Slow Left: key "S"

Slow Right: key "D"

Fast Right: key "F"

Pause: key "H": press again to continue

About the race: key "H" and key "T" together

THE CIRCUITS

Ten circuits have been programmed into Chequered Flag, most of them modelled on world famous Grand Prix circuits. Your choice is between:

Brands Hatch	Monaco
Psion Park	Cambridge Ring
Silverstone	Paul Ricard (France)
Micro Drive	Saturn Sands
Osterreichring (Austria)	Monza

THE CARS

FERRETTI TURBO

Immensely powerful, this turbo charged car develops 640 bhp between 8,000 and 10,000 revs, giving it superior acceleration. A very difficult car to handle, and only recommended to the more experienced racing drivers.

PSION PEGASUS

A new car featuring the latest technology and the highest standards of engineering. Develops 560 bhp between 5,000 and 10,000 revs and has an exceptionally low drag coefficient. A very fast car which is also reasonably easy to drive.

McFASTER SPECIAL

This car has an automatic gearbox, making it the ideal choice for the more inexperienced driver. Nevertheless it is still very fast and reliable, developing 500 bhp.

Psion cassettes for the Sinclair ZX Spectrum are designed to load over a very wide range of volume and tone settings on your tape recorder. If you have any difficulty, ensure that the head and pinch-roller of your tape recorder are quite clean. Cleaning kits for this purpose are widely available.

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MADE IN UNITED KINGDOM

1. The procedure for loading a program is described in chapter 20 of the Spectrum manual. The steps are summarised below.
2. Connect the ear socket on your Spectrum to the ear socket on your cassette recorder.
3. Position the tape before the beginning of the program that you wish to load.
4. Turn the volume control to $\frac{3}{4}$ of maximum or to a level which you have found to be reliable on your recorder.
5. Type LOAD "flag" and press the ENTER key.
6. Start the cassette recorder playing.

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