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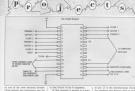
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CHIPS AND PINS









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n elements — yeu will need skill, canning e of humour as you explore caves, faces highes purvaers and exercises a host of need commands and single letter abbrevia

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COMPUTER & VIDEO GAME

It may repel extra-terrestrials, but can it switch on the light in the loo?

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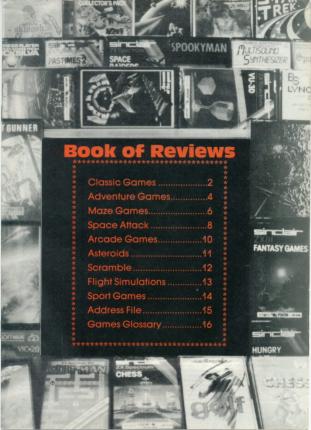
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CLASSIC GAMES



Computer & Video Games' very own contributor, John Ball, has come up with the goods on Sharpsoft's version of Othello.

Complete with loud bleeps, every time it makes a move, the machine plays a very good standard of Reversi and defeated all my attempts to force it into

Even reading John's column on the subject and obeying his guidelines with regard to corner squares and understanding what the computer was up to didn't help.

It had a particularly frustrating habit of turning the tables on me at the end of a game just as I thought I had un

unbeatable position. The screen presentation is simple as Sharp graphics force it to be but simplicity suits Othello and it is a very playable game with a good response time. Only buy it if you can stand to be beaten, It costs £6.90.

- · Getting started Value
- Playability

SPECTRIIM A STANDARD

Reversi, or Othello as it is often called, is a nineteenth century name of territorial acquisition. Strategy and skill are needed to win

Two versions of the game are currently available for the Sinclair Spectrum, and both run on the unexpanded machine. One is by Mine of Information, for Sinclair Research, and the other has been written by Microx. based at Worthing, Sussex.

The Sinclair version comes in a very nleasant nackage, the cassette insert is colourful and packed with information. Beginners should soon become well-versed in the game by simply reading it.

The program loaded without any problems and ran immediately. The game is fairly standard, but with many interesting features.

To begin with, there are nine skill levels, with a three-second response time at level 1.

You can challenge the computer, with either the Spectrum or yourself starting, or you may play against a

friend with the computer acting as If you are a beginner, you may £7.95 and Microx Othello at £3.50.

The classic board games transfer well to computers who make better than average opponents on all the games dealt with here. But there is more to choosing a chess, backgammon, draughts or reversi

program, than picking one which will beat you every time. Most important in these programs are a display that is clear and easy on

the eye, coupled with pieces which can be easily recognised. Programs which use disturbing colour clashes or badly shaped pieces will hardly

help a player trying to give careful study to a critical position. The program should also draw a player's attention to its move. Both an audio and visual signal should be included to let the player know it's

moving and which piece it is changing. A good response time is crucial. If left to its own devices for long enough most computers can come up with a good move. But long study should be the human player's prerogative - computers are used for their speed. Finally an easy-to-understand and implement, move input system will

ensure that the program does not start gathering dust after the first few tries. In chess it is difficult to come up with anything better than E2-E4 but this can easily lead to a mistake which is still a valid move and completely ruin a nlaver's chances.

Few programs allow the player to take a move back, try and find one that

Other key things to question with regard to chess: does the program always respond to P-Q4 openings the same way? If so you're in for a dull opening repertoire. Does it play forced moves quickly? Does it keep its head when things on wrong? Some programs just give up on had positions.

Half-way through a game you may . Getting started change sides, and at the end of one, you may review all the moves of the

The graphics are fair, and there is Microx Othello even a facility to change border, paper . Getting started and ink colours to your requirements. All in all, this is a most magnificent . Playability

I wish I could say the same for the Microx version. The purchaser is greeted by a most unappealing nackage hearing the company's name and the program title.

After sortion out the loading grob lems, which I have never had with any other cassettes. I was confronted with a page of confusing text which would leave the beginner completely

The game itself has a rather uninter esting screen display, and makes average use of colour.

When I tried the program on a monochrome television set, the players' pieces were almost indistinguishable The program is written in Basic, and there is only one skill level. The computer's moves are average, about equal to the moves of level one on the

The computer does not check if an concent has had to pass, and if "enter" is pressed without a move being keyed in, your turn is overlooked, getting used to. With several of the For my money, the Sinclair cassette has to be my choice. Microx Othello is I would not even consider purchasing

review a sample game at your leisure. Sinclair Reversi Value

Plavability

Value

The growling gravelly voice of Quicksilva's Chess program does not add much to the game.

However, its sharp comments on the current state of play do give this neogram a slightly more human feel. There's a surpe of pride each time it finds itself in more difficulties than it expected and says so on screen. And after being roundly criticised for a queen earrifine "That was a nathetic move!" I enjoyed mating it five moves later all

The program does respond quickly at the lower levels but does not play a particularly good opening and has a tendency to capitulate utterly when things start going wrong. Still, it will give beginners a hard game

and will probably hand out more beatings than it takes. The presentation on the Spectrum is a problem and the screen takes some

pieces barely recognisable from their board equivalents. While good chess no comparison to Sinclair Reversi, and players know (by colour and position) where the king and gueen start a game, Sinclair Reversi is available at learners will not have such a clear idea. Probably a bit too gimmicky for the to input a three-figure number from

more serious chess enthusiast and perhaps not enough thought for the complete beginner to help him around the little things most of us take for granted. It costs £6.95 and runs on the 48K model

5

· Getting started Value • Playability

The Spectrum's graphics face a severe test when asked to produce a good chees hoard with easily distinguished

So far I have yet to see a hoard which is easy on the eye and doesn't have at least two niece symbols too close for comfort. The Psion game, which comes courtesy of Micropen, seems to have trouble with pawns and bishops and I had to look hard in some positions to spot a bishop hiding in a pawn chain.

Given this problem and the usual difficulties with keying-in the E2-E4 format, which usually causes me problems when keen to play a good move with black, it's a pity this game does not include a facility to allow you to change mistakes.

Many an interesting position went down the drain after I simply mispressed a square and sent a rook, pawn or queen into a dangerous position

instead of the one I intended Still this Psion tape is probably the best Spectrum chess around so if you can learn to live with these shortcomings, you will manage to get some decent games out of it.

The levels are 0.9 and levels one, two and three all play a fast and fair game. The program allows you to set up a board position to play from and I particularly enjoyed the chance to turn the screen position and moves so far onto the Spectrum printer. Current games

can also be saved on cassette. The game costs £7.95. Getting started Value Playability

VIC-20

CHANGE OF THE PARTY OF THE PART Bug-Byte is offering the lowest-priced

Vic Chess game I have come across but you will already need to have at least 16K worth of memory expansion on your basic machine.

It also takes a sten in the right direction by getting away from the overused notion of chess levels. Instead the Bug-Byte programmers ask the player



Sinclair cassette

0-9.99 to determine the play. The number before the decimal point

is the number of moves it looks ahead at each position. The number after the noint refers to the number of positions the computer will consider at each play.

Of course if you start netting ambitious then the computer begins eating into huge amounts of time as it considers used amounts of data before regiving. In play at the lower end of the scale it produced some difficult to understand moves

The display of the pieces is also a little simplistic and the king and queen symbols are initially confusing. It costs 67.00

- · Getting started
- Value Playah



There is a good book opening built into this program and it etaund within a known variation usually to the sixth or eighth move on most familiar openings. Boss also scores on the display, which is more than just adequate - it is produced with a veritable flourish. It accents entries in four key strokes and will also run chess clocks on both players which offers the additional

challenge of trying to beat the computer while taking less time than it does. A couple of criticisms though: it is difficult to snot the computer's last move as the pieces don't flash after moving and the tage was not a first-time loader. It costs £14.99 and is

distributed here by Audiogenic. · Getting started

 Value Playability



The catch is that it comes in cartridge

form with the attendant rise in price to £21.70 But you do get value for money. The came too scores in our getting started category with a simple plug-in operation and a comprehensive booklet explaining what can and can't be done on each of

the six nossible levels The program has a good pedigree, • Getting started with the Sargon name behind it and is . Value based on the Sargon II program first . Playability

devised for the Apple. The board display is easily distinguished and the six levels well

spaced out with an almost instantane ous response at the lowest level. It plays a good game and it's very hard

to fault this well out together package aveant on the price Getting started Value

 Playability 5 ware with levels 0 to 9 taking you from

> Artic's 1K Chess is an attempt to get a complex strategy game into the minimum of memory space and as such

ran only be a compromise. To make this compromise too much has had to be left out. You are not allowed to Castle, capture en-passant or even promote your pawns and to crown it all even a victory is not acknawledged by the computer. You'll have to snot it for yourself

The board is little more than an 8×8 square of spaces and inverse spaces with the nieces represented by their initials either in white or black or in black on white. This is the cause of confusion later in the game, when pieces have been forgotten.

Worse still it keeps moving its pieces around the board while it makes up its tiny 1K mind what its next move will be. Still it does play chess - just - a con-

siderable achievement in 1K. This is not so much a game as a feat of programming which, in itself, pught to make 1K Chess a collector's item. It does just about succeed in playing chess but don't expect to play too many memorable names on it. Just admire the thought and dedication which made such a thing possible.

A considerable achievement for only £2.95.

Racknammon is a three-thousand yearold name of chance and skill for two people. This Psion/Sinclair version for the 16K ZX81, is most impressive. The cassette is well packaged, with

the insert containing five pages of information including the history rules and all other aspects of the game of backnammon which are relevant to beginners and experts alike. The program loaded without much

difficulty. There are four skill levels and the game can run in fast or slow mode. This simply means that if the computer is taking it's turn and it is in fact mode, the screen ones blank and it makes un its mind four times faster. The 81 plays an adequate game at level 1, and plays extremely well at

level 4 The graphics are adequate, with normal and inverse 'O's representing the two players' pieces. Fotry of moves is very simple, as is accepting or rejecting the doubling cube - which the computer controls yeary wall You only have to press one key, and the ZX81 always asks you to confirm

Backgammon costs £5.95 from Sinclair Research. There is a Dice program on side R of the cassette.

 Getting Started Plavabilit

DRAGON

Marrison Micros of Leeds.

a great deal can be learned by the time to study the listings.

second game on this tage and in this be available for the Apple. version of the arcade machine you play points as possible. A conventional hat is not used - you simply fire your projectile using the snace har Moonlander is the third game on tage the computer room!

one and is a fairly good representation of this well-known computer game. Awari is a copy of the African national at £27.50. game, which for the uninitiated is . Getting started played with nebbles. Numbers are used . Value to display the counters, but like Othello Playability you are not told how to play the game. The final program on Dragon Games 1 is called Raffles. In it your task is to find

hidden treasure. A sleeping dog guards the treasure rooms. This is a short praphic adventure - and although simple I found it quite addictive

It costs £5.95. Getting started Value

Playability

vou're a keen Reversi - also known as Othello - player, you'll get extra value for money playing BBC Publications' version for the BBC Model A or B The games of Galaxy, Gomoku and Mastermind are all included on the same

tape, which goes under the name Strateny Games for the RRC micro The Reversi game features a well produced but simple display and I found the move entry system of letters appearing in all the legal positions very easy to cope with. The game plays to a

high standard but is not unheatable With the other three games it's good value at £10. Getting started Value Playability ATART

Strip Poker is a game for the adults who are fed up with Space Invaders. Pacman Dragon Games 1 and 2 are tape com- and all the rest. More precisely it's a pendiums for this new micro from J. game for men as it features two model girls gambling their clothes in a All the games are written in Basic and computerised round of poker.

Suri and Melissa each have their own would-be games programmer who finds style of play. One is a skilled poker player the other is fairly inent. The name Othelio, on Dragon Games 1, plays a requires a large amount of memory standard game but it does not give any 40K - and runs on the Atari 400/800 instructions or rules. Breakout is the with a disc drive. Versions will shortly

For people who are likely to be trying against the clock to score as many the game out at work it has the sensible device of being able to black out the screen at any time. Useful if your boss (or the children!) turn up unexpectedly in

Strip Poker is manufactured by Allrian of Hayes, Middlesex and retails

6

ADVENTURE GAMES



This is your chance to play sleuth for an afternoon as you are challenged to solve the Murder At Awesome Hall.

Colonel Awesome lies dead on the floor of his 20 room mansion. You must find out who did it: in which

room, and with what murder weapon. Clues in the shape of an on-screen map of the mansion's first floor and ground floor.

After entering a room pressing "Q" enables you to find out who or what is in a room. If any of the Colonel's associates are in the room you can question

The computer will also give you a list of suspects, extra clues if you need them, and the solution for the completely exasperated.

This game is not visually exciting and if you do not like solving puzzles can become rapidly boring

The game runs on a 16K Atari and is available from Calisto Computers at £14.95

· Getting started Value





SPECTRUM

Fauet was a German who sold his soul to the devil, and bid many treasures. The player is led near to the treasures and must then find them. The creatures encountered in the quest are mutants from long ago

That is the setting of this name which although mainly text, is accompanied by mini-pictures of the objects as they are mentioned. The screen during play has varied

colours, which combined with some simple sound effects make for a quite pleasing Adventure from Abbex of London for the 16K Spectrum at £4.95. · Getting started 10

8

- Value
- Playability



This series of adventures displayed as plain scrolling black text on a gale vellow background, the conversation scrolling continuously up the screen. In itself this is acceptable. But is conversation has been held at one place into androids.

Adventure is what all small boys - and most bigger ones - long for Remember all those childhood books that took you into a world of excitement and fantasy? Didn't you, like me, wish you were one of the Famous Five?

Adventure gaming will take you one step nearer to your dreams, in the

comfort of your own home. Originally written for large mainframe computers, these games have now been brought to the masses via the micro. Adventures are being pub-

lished in ever increasing numbers for every popular machine. An Adventure name makes you the would-he hero. You move about from one location to another, examine things, pick up and manipulate objects.

and solve nuzzies. But all the time danger lurks and hidden enemies may etrika at any tima Your goal may be anything from collecting priceless treasures to saving the world from disaster. You become part of the story, the computer

working to calculate what your actions will achieve within the plot devised Don't expect fancy graphics in an Adventure - although there are graphic Adventures. Expect words. Your imagination will provide the

pictures - just like it does when you read a good book. And like a good book, you will find it just as difficult to put down. When buying an Adventure first discover if the scenario and degree of complexity suit your tastes. Games reviews will help here. Find out if the

speed of the game is right for you as there is a great deal of variation From my experience a minimum of 18k of memory is required for a decent adventure and from there on up the bigger the better. A "save game" feature is useful as it enables you to return to a name where you left it at a later stage without having to leave the machine running all night If your computer has sound and colour these will enhance a pame. But for

the purist a good plot is enough. KEITH CAMPBELL

and the location details have long since disappeared, there seems to be no way of recalling them. The lack of a cursor can also be confusion Planet of Death, for the 16K

Spectrum, sets you down on an alien planet where your space ship has been captured and disabled. You must find it and accone

The environment here seemed just like earth to me - very mundane. Most things I tried to do proved impossible or went unrecognised. A weak theme and frustrating game.

Inca Curse, for the 48K Spectrum places you in a South American jungle outside an Inca temple. This you must explore and return with as much

treasure as possible. Quite a good game with plenty of exploring to do, and goints to score, but a disaster from an educational point of

Spelling is obviously not the author's strong point! I came across "vandels". "armary", and "hyroglithics"! The publishers claim 3200 to be the maximum number of points to have been

scored to date. Could this be the total number of spelling errors in the game? In Shin of Doom which runs on the 48K Spectrum you are in a space ship which has been drawn into an alien cruiser by a Gravitron beam. The aliens spoiled by the fact that when a lot of are rounding-up humans to turn them

Your mission - to press the main computer control button to free your ship. There are endless corridors and rooms to roam about with some strange devices whose purposes are not

The control button is easily found, but covered by seemingly unbreakable

glass! Quite an interesting adventure, if SF is for you! Espionage Island, again for the 48K

Spectrum, puts you under pressure from the start. You are in an aircraft which has been shot at, and you can see a narachute and lever. Your mission is to find the secret of the island on which

you were spying from above, but first you must get there. The island is populated by natives and hides a guarded camp.

Are the things you find in the wreckage of your aircraft a clue? Can you penetrate the camp? And will you he able to return to your aircraft carrier base? Quite an exciting Adventure.

This series of adventures from Artic Computing of Hull, seems to improve alphabetically! I can hardly wait for Adventure 'E'. The Adventures cost

£6.95 each Planet of Death Getting started

 Value Playability Ship of Doom · Getting started

 Value Playability Inca Curse

 Getting started Value Playability · Getting started

10

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5



At last a realistic 007 adventure! The mode of play is quite different from most Adventure games, successfully recreating the world of James Bond on a

You are 007, of course, and M takes you to 0 to choose your weapons. You then reneatedly select des tinations from a list of cities around the world and the micro takes you there. On arrival you may be offered a ride by a mysterious taxi, or given clues in the form of one letter of an anagram to enable you to solve where a missing jet with a nuclear homb has disappeared to Meanwhile, you must save London

from a threat of destruction by Dr. Death. An original presentation from Richard Shepherd Software of Maidenhead, with authentic 'feel' of a

James Bond novel. It costs £6.50. Getting started Value Playability



As The Hobbit loads, an illustrated title page is displayed, rather like the cover

of a book Indeed the book The Hobbit by J.R.R. Tolkien is supplied as part of the package, and it is advisable to read this before playing, since the game

follows the theme quite closely. Another booklet describing how to play the name is provided and includes hints on the plot and how "Inglish". the command language works.

In play the screen is split in two. A "communication window" at the bottom scrolls independently from the "adventure window" above which gives details about the location and action On his first visit to a location the

player is rewarded with a colour illustration of it The action is continuous, since The

Hobbit is played in real time. The creatures oo about their business whilst the player is thinking. Whilst head-scratching is in progress 10 it is quite likely that more messages



will annear on the screen, such as "Thorin ones east through the green door" or "Gandalf gives you the map". The nublishers call this feature "Animaction", and it means there is no unique solution, the game being slightly different every time it is nlayed.

A charming Adventure, requiring considerable time to complete The Hobbit comes from Melbourne

House for the 48K Spectrum at £14 95

· Getting started Value Playability



Pimania really IS different! It is a complete entertainments package! It all starts with a flashing picture of the Golden Sundial of Pi, a prize worth £6,000 offered to the first person to solve the puzzle.

The player is accompanied by the Pi Man, who starts off by laughing himself silly, and proceeds to offer extremely disconcerting comments.

The game offers a series of puzzles and clues, interspersed with funnies, Like a little man who for no reason walks boldly on to the screen and dances the Hokey Kokey to music a dog that walks up to a tree and barks at it, and a commercial break offering Pimania tee-shirts in protesque colours and sizes which are all out of stock! So when the player gets thoroughly frustrated over a problem, the chances

The computer program is complemented by a catchy audio number on the reverse side of the tape. "Pimania" by Clair Sinclive and the Pimen. Show business, pork pies, and a deaf-aid among other things feature in this. I suspect that there are clues hidden in every part of the whole package, and that it will take a very long time to solve

are that a good laugh is just around the

One thing is certain - it will never bore anyone with a sense of humour! Pimania is available from Automata of Portsmouth and runs on the 48K Spectrum and 16K ZX81. It costs £10 for the Spectrum and £8 for the ZX81.

· Getting started Value

Playability

DRAGON

Go adventuring on your Dragon in the Forbidden City in this text adventure produced by Anex Trading of Brighton

Loading instructions were supplied on computer printout paper and the packaging was noor. Loading was also difficult. The organ is short taking just over a minute to load once your computer accents it

It is a standard Adventure. The player has to enter a city, find a treasure and escage. A short introduction to the game gives you three "key words"

- the rest you must discover for your-Your location is printed at the top of the screen and the input prompt "what now?" at the hottom

Various dangers encountered along the way include force fields, lasers and a mysterious green mist. As with all Adventure games once solved it becomes unplayable. Unfortunately the game did not make full use of the Dragon's reasonable RAM. However it did provide some hours of

amusement. Versions available for the Dragon at £4.95 and TI 99/4a at £2.05 · Getting started Value



Goblin Caves, for the Dragon 32, comes from Apex Trading of Brighton and as with other tapes from this company the

packaging was poor and loading presented some problems The game is written in Basic and can be listed, so it might prove useful to anyone who is learning the art of program-

As for the game itself, it's a 3D adventure, the aim being to find and kill a monster with a fire arrow. The arrows are useful protection against any goblins you may come across. A view of the location you are in is

drawn in hi-res graphics. This is redrawn after every move - and becomes

annoying after a while. The player enters the direction he

6

10

10

wishes to face and then presses the 'F' Deadline enables you to play your key to move forward. The space bar is used to fire arrows

As it stands this is a fair name but im. provements could be made. I would like

to see the moneters and publing renresented graphically - instead of using text. I also feel it would be a better program if it was re-written in machine

code. It costs £4.95. · Getting started

• Value Playability



Softporn Adventure is like no other adventure name you have ever olsver! before. Instead of dealing with trolls and wizards you are challenged to find

The key to the game is the amount of money you have on you. You start the game with a thousand dollars but this will not last you long as whisky costs a The Goblins which gave their name to hundred dollars a shot and you will need this Apple adventure, also serve as its to bribe the manager of the club to get most unique feature. into his seamy disco-casino. The only

gamble a few dollars in the casino. depicting scantily clad young women presented in hi-res graphics then Softporn Adventure is not for you.

on the screen UK suppliers of Softporn Adventure are SBD Software in Richmond. It runs Computer Services of the US and

Value

favourite sleuth for an afternoon as you weigh up the clues in this superh crime solving adventure You get a complete dossier of a crime

committed on the 7th June 1982 when the wealthy industrialist Marshall Robner died of an overdose of Ebullion - an anti-depression drug he had been taking for some time. But was it suicide or was it murder?

Your brown folder contains all the documentary evidence. This includes the Coroner's report, a large black and white photograph of the scene of death with a white chalk line showing the position and outline of where the body had been found and a letter from Mr Marshall's Attornies.

This immensely popular game in America is now available in the UK from Pete and Pam Computers running on an Apple II and retailing athe slightly expensive price of £39.25. · Getting started

4

 Value Playability

While the player is challenged to nit way to build up your cash supply is to his wits against a horde of horrible monsters and nasty traps, the Goblins If you are hoping for hi-res graphics hide in the countryside scenes -

If the adventurer is found loitering too It's a text only adventure with only long in any particular location, the written results of your moves appearing. Goblin will rush in to the attack with a good chance of killing the poor soul off. The game comes from Highland

on a 48K Apple and costs £17.95 - far costs £15.95. But it has only brief cheaper than a real night out in a seamy instructions on the disc and far too many arbitrary deaths.



MAZE GAMES

Based on Pacman but adding a few twists of its own comes this latest game from the business software firm Campbell Systems Gulpman offers good instructions

with a comprehensive list of game options.

There were fifteen different mazes to choose from with an option to vary the speed of the Gulpman and his chasers. Another interesting feature is a laser oun with a limited amount of energy

with which you can shoot the chasers On the minus side Guloman has pretty basic graphics. The Pacman, for example, moves around the maze without moving his legs. It would have been more convincing had the program simulated some sort of running motion. At £4.95 I found this the most playable of the batch of Spectrum maze games tested. The variety of mazes

- adde interact · Getting started
- Value Playability

Spookyman sounds more like the title of a new horror comedy film than the name of the latest Pacman type game for the

Although the maze looks fairly good the Pacman somehow failed to convince. If you got caught by one of the ghosts the game pauses for an annov-

ingly long period There is also a sad lack of shrinking and gobbling sounds and the characteristic gulp, gulp, gulp, as you clock 200 then 400 and 800. An adequate game

- but far from exceptional, from Abbex of London at £4.95
- Getting started Value
- Playability

azeman from Abersoft is a particularly fast version of Pacman. The speed improves the playability considerably just as it does in the arcade original with quick responses.

One drawback with this version is that joysticks are not widely available . Playability as yet for the Spectrum and playing Pacman without a joystick is rather like Blackpool without the illuminations Again on the minus side the game

sound effects, bonus fruits or flashing ghosts. Despite my reservations Mazeman was a reasonable version at under task of rewiring a mansion which is

Dots on the menn

Pacman may well be the last of the great craze arcade games after much mega-hits as Space Invaders, Asteroids, and Galaxians

Greater competition and an ever increasing number of names releases has created a much greater variety in the arcades and few. If any definable trends

But there is an added dimension to the Pacman story. While the game was reaching fever pitch popularity in the US the home computer boom was also beginning to hangen. The game was soon converted for the home

computer and is now an essential part of the games players collection. The game takes its name from the Japanese verb Paku — meaning to eat - which aptly describes the simple task of steering a vellow change around a maze - nobbling up dots, bonus fruits, and nower nills as you no.

There are two types of computer maze game. Straight rip-offs of the Atari original and developments of the basic theme which add a number of

Things to look for when buying a straight copy of the Pacman game are bonus fruits, an authentic and steadily accelerating movement of phosts. multiplying bonus score for ghost gobbling, and an accurately shaped

If your computer has joysticks then make sure your maze game works with them. And beware, playing Pacman without a joystick is rather like fishing without a rod. If you opt for an original maze game avoid gimmicky graphics, but look

for extra features which genuinely improve the playability of the game. A choice of different mazes is a useful bonus as it is good fun developing strategies and working out the best routes. **EUGENE LACEY**

bonus points.

the top of the screen.

and game play

Value

by Bug Byte at £5.

Playability

· Getting started

You travel through the corridors

placing light bulbs to score points. If you

can touch one of the four penerators in

the maze you can then send the phosts

hack to under the stairwell to score

of energy which is shown in points at

This is a most entertaining and colour-

Spectrum Spectres is manufactured

ATOM

The ninth Atom games pack from

Acornsoft rates as the best of the

The three games on the cassette,

Snapper, Minotaur and Babies, use

graphics and sound effects to the

utmost, showing just what can be

Snapper is a version of Pacman.

simplified somewhat for the Atom. The

changes include turning the ghost

achieved on the Atom.

CX 1050

8

ful maze game with variety in the mazes

 Getting started Value Playability

ste comic character Hungry Horace adds the sparkle to the Psion software maze game for the Sinclair Spectrum. In this episode he plays cat and mouse with the park attendants, stealing their

sandwiches and eating their prize winning daisies. There is also an alarm bell which Horace just can't resist ringing, much to the annovance of the park attendants. The maze was a little bit on the simple

side and a common problem with Spectrum games is the absence of a joystick - particularly acute with maze games - slightly detracted from my

With this one reservation my overall impression was of an amusing game with entertaining graphics and worth the £5 price tag. It comes from Melbourne House originally but is sold by

· Getting started Value



You play the part of Eddie the electrician lumbered with the unfortunate £5.00. I found it difficult to walk away haunted by four ghosts.

colour encoder fitted) and some simplifi cation of the rules - you don't get the fruit in this game.

When you have run over an energiser. Snapper's mouth falls open and be can then eat the phosts until it shuts again There is only a few seconds of phost eating time available to you The second game, Minotaur, has

impressive graphics too. The object of this game is to take all the gold bars from the boxes scattered around the maze and put them in a safe while avoid. ing the Minotaur who is out to catch and est unu

All this is done with 3-D nictures of the passages and various objects to be found in them. If you get completely lost, it's possible to call up a map of the labyrinth to show where everything is. Another scheme for keeping track of events, is to mark the floor with a hin

cross so that you can remember where you've been. The game is difficult to win and ends when you have put all five bars in the safe or finished up on the Mino-The sound effects in this game tell

how far away the Minotaur is - he growls when he is petting close The third game on the tape is Babies which has little to do with mazes. It is a

close copy of the LCD watch game, in which babies jump out of a burning building and must be caught before they hit the ground. The tape costs £11.50.

Once you have cleared a complete floor you can move upstairs to the next. · Getting started There is an added twist in that the · Value generators only have a limited amount

 Playability TEXAS TO THE WAY IN THE

The Wumpus lurks in his lair deep beneath the ground. In this labyrinth of caves he waits for the unwary to blunder in and present themselves as

This cave dweller is so deadly that none who have ever entered his caves have ever escaped. He wolfs them down so quickly they never have a chance. The Wumnus that dwells in the Tayas Instruments TI 99/4a cartridge is pretty typical of the species.

The amazing thing is that there exists a breed of tough Wumpus hunters who still wasuer down into the depths and reckon to have a fair chance of killing the heast

Their only chance is to fire a special corner-rounding arrow into the correct cave without actually entering it. As Wumpus hunters are only equipped with pursuers and the Snapper itself into one arrow, they don't get a second circles (colour circles if you've got the chance.

This seemingly hopeless task can be achieved by the more logical amongst us as the Wumpus leaves clues to its whereabouts. In fact every cavern within two caves of his lair bears the taint of the creature

By notion these, the player can often logically deduce the whereabouts of the creature Other hazards in this maze of caverns

and passages include slime pits which offer death just as certainly as the Wumnus itself and a hat who hears grudges against those who disturb it. This hat will suffer intruders once but on entering his lair a second time, the

player is grabbed and deposited elsewhere in the complex Among the different levels of the game, it is possible to attempt to track down the Wumpus in a particularly difficult and twisting series of tunnels. Or, the very brave may even elect to go

Wumpus hunting blindfold. A computer maze game with a long history, Wumpus brings the art of logical deduction to life but offers a pinch of luck which means that comptimes the odds are with the Wumpus. If you like working out mastermind problems,

you'll probably enjoy Wumgus-hunting. The cartridge costs £19.35 from Texas dealers

Getting started

Value Playability ATABI

arry Rain is a nlumber with the Rodent Rooster Plumbing Service who installs pipes throughout the levels of Rat Alley. This is a maze race game of the Pacman type. Instead of phosts you are chased by giant rats.

To keen down the rate you are connied with two cats and two trans Trouble is the cats are scared motionless and the traps only hold the rats for a few seconds. Although the cats will scare some of the rats there is a breed of super rats running around in this maze who will simply eat the cats. Periodically replacement cats and traps are dropped in the centre of the

maze and these must be nicked up quickly before they disappear Once you have plumbed one maze completely, another maze commences with smarter rats

It costs £22.95 from Gemini Flectronics Getting started

Value Playability is probably the most

authentic arcade to home computer conversion ever made, rivalling Acornsoft's Snapper and Commodore's Jelly Monsters. Books, records, T-shirts, telephones

marketed in the US carrying a motif of the rute little vellow onbbler Computer gamesters need no introduction to Pacman but for the uninitiated it is a case of running around a

maze pobbling wafers, bonus fruits, and power pills whilst dodging the four phosts that are in hot pursuit.

Not to be played if you have an annointment Parman runs on an Atari 400 or 800 and is available in cartridge format from most Atari stockists at around the £30 mark

· Getting started · Value Playabilit

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VTC-20

With the disappearance of Ruo Byte's excellent version of Pacman for the Vic 20 under the threat of legal action from Atari - the owners of the Pacman coovright - Puckman is one of the few authentic versions of the game left.

of the arcade game. The ghosts chase you through a maze full of dots which and even suspender belts have all been you must eat up as you go along. If you eat the power pills in the corners of the maze you can eat the ghosts.

Every so often a bunch of cherries appear in the centre of the maze which are worth a lot of extra points. The graphics are surprisingly clear considering that the game is written for

the unexpanded Vic. My main criticism is that the Pacman is difficult to negotiate through the maze as the keys that move him tend to stick

Once you press a key to move him he will continue in that direction even when you take your finger off the key. Puckman is available from Morris

Associates at £5.50. · Getting started · Value Playability



one-company campaign to prove that the BBC is the best games machine

They've proved their point to me. Snapper is a Pacman variation which is bit as playable Only keen arcade fans will notice the

difference between Snapper and the original. It has a slightly different maze layout but the ghosts make life just as difficult around the new format Fruits follow the arcade pattern and

the Snapper still has four corner energisers to run to in times of stress so he can turn the tables on his opponents. The tunnel leading off-screen is also there and you have a high score facility as well as the usual catchy tunes. Mar-

vellous arcade fare at £9.95. Getting started

 Value Playability











SPACE ATTACK

APPLE

Pilot the Starblazer on a mission to destroy enemy radar bases which are mining your chances of a successful

You can only bomb the bases from close range which is particularly difficult to do without crashing into the ovions.

Points are also awarded for hombing the radar out-buildings though you cannot fly on to the next part of the mission until you have destroyed all the radar dishes

Once the radar installations have been destroyed the Starblazer zooms up to the too right hand corner of the screen and mission two flashes up the message

"destroy supersonic tank". This, alas, is easier said than done. First you must dodge or shoot a barrage of missiles which fly at you at

great speed moving left to right across the screen. If you survive this lot you then attempt to divebomb the supersonic tank which - maddeningly seems to be always out of your bombing

range. A most addictive "shoot 'em out"

Starblazer runs on an Apple II in 48K. It is available from Software House at

Getting started



A dual sensation of flight and speed are the two key attractions in a new 3B-Aggle space game from America called

Your mission: defend the new space city which is being constructed to house the inhabitants of the old galaxy. The aliens are attacking. Spiralling towards you in colourful geometric shapes.

You wrestle with the joystick in an attemnt to keen your shin steady, and get the aliens in your gun sights - as the chequered ground sways to and fro. zooming past beneath you.

Zenith is produced by the new American software house Gebelli. aliens. This can be done in two ways, by The games impressive playability and superb graphics put it firmly in the highly recommended category with

plenty of action. It is available in this country from SBD Software at £21.50.

· Getting started Value

marcote acostem edit

Science fiction buffs have explored the galaxies from the comfort of their armchairs for decades thanks to authors like Michael Moorcock. Arthur C. Clarke and Frank Herbert.

Now there is an even easier way to stretch your imagination out into the stars - through the medium of home computer space games You are now the space hero battling against evil forces intent on the destruction of the earth or event the universe. Pit your wits against alien beings with powers beyond imagination. In fact imagination is only limited

to the type of program that you can obtain for your micro In this article we tell you some of the things to look out for when buying a computer space name

Whatever type of micro you own, you may be sure that there will be a number of space programs to choose from.

Buying software by post means that you have to rely on advertisements when making your choice, but you can also choose from the ranks of cassettes on display in local computer shops. And don't forget that magazines, like Computer and Video Games publish games. It is not possible to recommend a set type of space game program as

many of the features are matters of individual choice Straight forward attack games in the Space Invader vein still have a lot of anneal and some of the latest versions based on this theme are

Programs are available to take you into the realms of space adventure where deduction, strategy, memory and planning are as much a requirement as quick finner on the fire button

Micro versions of arcade games like Defender and Galaxians, to nam but two from a vact selection, are fast, colourful, highly playable, and in some recent cases extremely authentic versions of their arcade counter-

With the advent of the new generation of low priced computers, high standards are expected with this type of program. So look for good pre-

sentation with clear instructions. Where applicable the program should have high score facilities as well as good use of colour and sound. But the main points to look for are excitement and enjoyment without which the games will not hold you attention for lone.

SPECTRUM STREET, STREET,

For sheer frenetic action it's hard to heat conflict with the hordes of Winged Avenger from Workforce.

These outer-space fleets dive out of the sky, scattering bombs in all directions and challenging you to match their fearsome fire.

You are represented on the screen by a small laser base, with left and right controls plus fire and shield. A timer ticks down from 500 and you have to get rid of wave after wave of

shooting them or by running into them while they spend time on the around. Both are equally effective. But as the aliens have a tendency to swoop down at your position regularly, it is possible

to build up quite a score by merely staving still and letting them crash against you - I have wiped out whole waves without touching the controls

There are speed levels from a sedate 0 to a hectic 6 and the aliens come in three waves. First the small round ment blurb and gives you a good aged with comprehensive instructions

DAT MODDIC variety, then as large green birds which can lose wings without being affected.

And finally in a mothership which contains a fuel cell. If this is blasted successfully the timer resets and you can start all over again. Guaranteed to give you an aching wrist, Winged Avenger, unfortunately,

doesn't leave much scope for tactics. It costs £6.95 for the ZX Spectrum. · Getting started Value

Playability



shoot "em up game ever" and it certainly does give you a wierd and wonderful continent of aliens.

They attack in eleven waves of propressive difficulty and come in different shapes and sizes. You can move from left to right arross the bottom of the screen and also thrust

The game makes good use of the Spectrum's colour capabilities but most importantly it lives up to the advertise

addictive game of space attack Arcadia is produced by the new Liverpool software house Imagine and is also available for the unexpanded Vic 20. Both versions are available at 03 33

8

8

· Getting started Value Playability



Dragon Games 2 features Snake. Lander and Space Invaders. All three are written in machine code. The first two use the highest resolution and so are in black and white - but this does not affect the nuplity

Snake is similar to the arcade version. The aim is to gain as many points as possible by shooting the snakes. You move your man around the screen using the cursor keys. He fires when you press the space bar. An entertaining and addictive game.

Lander is another interpretation of an arcade game. It's a standard version which gives you the choice of two landing-pads — worth differing amounts of points. The cursor keys are used to control the craft - and this requires a lot of skill and practice. I found myself playing this game more than any other. I could suggest a changing landscape as an improvement - otherwise it's an excellent adaptation.

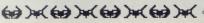
Dragon users will be pleased to see the classic video game - Space Invaders - up and running on their micro. Being in machine code, movement of the alien invaders is smooth. Although not as good as Dragon Data's own version on ROM cartridge, it is better value for money.

From J. Morrison Micros. it costs £5.95 Getting started Value



produced by Salamander Software for the Dranon 32, was a short letter containing the aims of the producers "to offer high quality professionally packaged software at a reasonable cost." After a battle loading badly produced software from other companies I was sceptical about this claim, However, I

am very pleased to say that my fears were unfounded. In fact I think Salamander surpassed their aim. Dragon Trek came attractively pack-



in a thorough 16-page flight manual. This is a real time version featuring full colour tactical status and long range scanner displays, hyperprobes, tractor beams and Klingons. A lot of work has gone into producing this

tage! The various displays are all well designed and arranged - easy to read and understand.

The aim of the game, of course, is to wine out the Klingon fleet. Using various keys you can call on your long range scanner, call up a damage report, go into warp drive, or send your hyperprobe on ahead of the Enterprise to see what's going on.

On challenging a Klingon you can activate your defence screen and choose your weapons - phasers or photon torpedges. Phaser fire is controlled by your on-board computer and you direct a torpedo using your joystick.

When energy is running low docking with a starbase will recharge them and renienish your wear

Black holes and supernovas add extra hazards as you igurney where no man has gone before.

I find it difficult to fault this tape. but perhaps the explosions of Klingon ships could be a bit more dynamic Excellent presentation along with good use of the Bragon's facilities left me thinking - why can't all software

come up to this standard! At only £6.95 order your copy now - before they sell out! Sorry I have to

10

go, my crew needs me · Getting started Value

Playability

As close a copy of the brilliant arcade game of Defender as you are going to get on a home computer.

That's Acornsoft's Planetoids which runs on the RRC Model R. If anything it is slightly faster than the arcade orininal.

You have the scanner on the top of the screen to show the entire planet an arcade-style space game. It is humanoids away from the main action without your knowing. The aliens and the sound effects are faithfully reprodured and all the usual controls are there

These seven necessary keys to control your craft take some getting used to and in moments of extreme panic I still find my fingers thudding This game uses the moons to, Europa down on quite useless parts of the key- and Ganymede as moonbases for your

hoard, but that is part of the skill of the

If you are a keen Defender fan from way back (about 1980) and are still un. convinced that the detail can be as close as I've outlined let me assure you

The third wave often finds all three pods in smart-bombing position on the screen and the programmer has even included Swarmer "bleed" should you slightly miscalculate on this tactic. Mar-

vellous entertainment and pure addiction at FR 95

Value Playability

wasion Force is an original and addic

ve name from Artic Computing of Hull. You are under attack from an alien command ship with a fleet of bombers which form the advance wave Ralow the chine is a wall constantly maying from right to left obscuring your

Your mission is to destroy as many bombers as possible, earning 1000 noints for each one downed. Ultimately

you will have to gun for the base itself but this is pretty well impossible. There are two levels of play - which is a hit of a minus as I would have prefer. red a third factor level

My only other criticism is that after each game you must go back to the instructions. It would be better if you could simply press a key to continue. noression was one of an eniovable

addictive game. It costs £3.95. · Getting started Value Playabil

6

ATARI

onbase to - pronounced eve-oh - is

surface, so sneaky landers can't grab actually a combination of three games - inspired by the recent flights of Voyager 2 to Jugiter. The "lo" in the game's title refers to one of the four major moons of the solar

system's largest planet. Since Jupiter was discovered to be a large mass of inhospitable liquids and gasses, unsuit-

able for landings.

spaceship. This choice of bases, t however has unset the local hun eved population and they are determined to send you back where you came from or destroy you in the attempt. The aliens against your probe.

One particularly outstanding feature Rescue. of this game is the synchronisation of the graphics with a soundtrack on a stranded on hazardous alien terrain in senarate voice recorder. This gives you a full briefing from Cape Canaveral the them safely aboard the ship. irst time the game is played.

There was a slight snag here though. 10 It was not always easy to synchronise 10 the voice tape with the play tape.

Moonbase lo provides a fast machine node name with player-missile graphics. redefined character sets, fine scrolling and impressive sound effects.

The game has three phases. To secure each of the three moonbases, the player must pass a docking phase - impeded by swarms of aliens and the nearby moon - and if successful, transport to the surface of each moon for a phose which involves defending the base against more formations of aliens. In addition there are seven skill levels

from novice to galactic wizard - with variations in scoring and reserve ships. Some hidden features are also

promised, although I never managed to survive long enough to experience them. Moonbase lo runs on an Atari 400 or 800 in 16K and requires a joystick controler and can be obtained from Centre-

soft at F24.95 Value Playability 0

launch swarms of ships to battle A space mayday message brings a swift response from your mothership in Space

Five spherical life support pods are this Pet game and your job is to bring But of the rescue hatch opes the

ship's recovery shuttle which is control led by means of the Pet's keypad. The shuttle is released by pressing a "2" to move it planetwards and from this moment your score increases by one for every second you survive.

To rescue a pod, the shuttle must be positioned immediately above it, and the 'A" key pressed. This manoeuvre can be difficult on the higher skill levels since the shuttle moves quickly but the control key is responsive Next, the shuttle should be guided to a

position just above the mothership and the pod dropped through the rescue hatch by pressing "D". If you miss the pod drops back to the planet surface. On saving all five gods, you are invited to dock with the mothership for a bonus of 500 points and then it's on to the next skill level to try and repeat your hard-earned rescue.

Supersoft has succeeded in creating another addictive game purely because it is so hard to master. It costs f8. · Getting started



Value

NOVELTY GAMES

back for more.

stretch him further.

Pull the joystick down and you add

road in front of him. All these must be

jumped over in order for him to continue.

The further he gets the more difficult

There is also a guard who rushes out

knock Pogoman down. Pogoman runs

on Atari 400 or 800 with versions avail-

It is imported into the UK by Calisto

Computers of Birmingham and sells at

Those crazy Duke Boys have been

making moonshine again and gunning

the souped-up General Lee around

Hazard County leaving the sheriff in a

This game turns reckless driving into

You are at the wheel of the souped-up

able on disc or cassette

Getting started

around £20.

Value

Playability

the obstacles become. A bird swoogs



Can you throw the switch that stoos the robot before he blasts you? That's the challenge issued by Viking Software of Bournemouth on their latest tane for the BBC B - addly enough called Robot!

You control a little man being shot at by a big robot. Unfair. I hear you shout. The little man can save himself by dodging the robot until he gets to the bottom of the screen where there's an OFF switch which will immobilise the

This is an addictive game - although it's a bit slow having been written in

- Basic, It costs £4.95 · Getting started • Value
- Playability

APPLE The Market of the State of the A belligerent old soldier refuses to leave

his wartime enclave high in the Cannon Rlitz Hills For him the war still ranes and he will shower anyone who passes below with cannon balls. You must dodge the cannon balls and escape to the next level where a balloon is waiting to carry

you safely out of range. At the third level of this game you have to jump from platforms onto a moving escalator which takes your little down from the sky to try to knock man to the top of the hill where he can Pogoman off his stick.

deal with the old soldier. A game of impressive graphics with obvious associations with the popular arcade game Donkey Kong, Cannon Ball

Blitz is available from Spider Software at £19.95 on disc for the Apple II. · Getting started

Value Playability





blacked out. Move the joystick slightly to the right 10 and Pogoman will do a little bunny hop. lanes and twisting country roads.

Conta is crocial

The video games business in America has until quite recently been referred to as the recession proof industry. Its astonishing growth over the last few years has been due in large

part to the wizardry and imagination of the names designers As well as the ubiquitous "shoot-'em-up" space games we have had exciting adventure games like Tutankham and Space Dungeon and more recently sheer fantasy with Donkey Kong and Pengo.

Most computer gamesters will be familiar with Donkey Kong and Frogger and versions based on these novelty games are now available for most of the nopular micros.

There is no need to restrict your purchases to straight copies of arcade hits. There are no rules for novelty names. The only restriction is the breadth of imagination on the part of the programmers and game

Despite this there are some common elements which you should look out for which will collectively contribute to a good game. Good graphics are by definition crucial to the success of payelly names. The characters must be cute or plausible, well defined and

above all central to the general theme of the game. Sound effects can often make or break novelty games. Some of the naw arrade machines excel here, such as Pengo for example, with a trio of tag dancing baby genguins who do a little number for you if you get a sufficiently high score. Your home computer will not be able to provide a

song and dance routine but providing the program is a good one, it should be able to produce some impressive sound effects, and this is definitely something to look for when making your purchase. Graphics, sound, and plot are all important elements of a good novelty game but they can never compensate for a game that basically is not playable. Look for that little twist in a game which will keep you coming

q

6

8

EUGENE LACEY

The sheriff is on your tail and you will height to his iump - oush up and you need to drive smartly to give him the slip or make a spectacular leap across the As Pogoman moves down the street river and watch his car nosedive into the past trees, office blocks and parked water as he tries to follow you. cars a number of obstacles annear in the Hazard Run is based on the popular

American TV programme the Dukes of The game is available from Allrian of Middlesex, running on the Atari 400 and 800 and retailing at £21.50 for

cassette and £24.95 for disc A good novelty game if a little pricey. from the right hand side of the screen to But it does allow you to relive the TV

· Getting started Value Playability VIC-20

Shadowfax brings one of the most exciting chapters of Lord of the Rings to the screens of your Vic computer. The game takes its name from Gandalf's horse - the swiftest beast in Middle Earth

This is your chance to ride Shadowfax as you gallop against the Black Riders of Chevyy as you drive through farmyards, Sauron - the Dark Lord of Mordon The idea of the game is to shoot as

many of the advancing Black Riders as possible. To kill the Riders you must release a thunderholt by pression the shift key. Quickly release the key when the bolt is centred on a Black Rider this will explode the bolt - killing the Rider — which then glows red and disannears

If you fail to release the key mickly enough the bolt will pass through your tarnet and leave him unharmed The graphics are most convincing -

particularly the galloping motion of the A highly principal and addictive name

Shadowfax is available from Postern Limited of Cheltenham at £9.00. Getting started

8

8

• Value Playability

Hopper is Frogger with a whole lot of differences. The game has undergone

some Rabbit Software replanning on its way into 3.5K of memory for the You still command a hopping creature

and it still has to get over a busy road and across a loo-filled river to one of five bases in a bank to score, but there the similarities end.

This poor amphibian also needs to negotiate parked cars on either side of the road. he has to avoid houses on a grassy verge in the middle of his adventure and finally he has to swim the river avoiding the brown logs! All this and a quickly counting down

time limit serve to make the game more difficult than the arcade original, but not pe aninvahla Honner is rescued by some very suit.

able sound effects which sploodge him around the screen with such an air of dampness you feel he's leaving a soggy trail behind him. The parked cars and houses are im-

mobile, so add little to the game, five streams of traffic on the road are easily crossed with the two lanes of brown sneeders being quite infrequent This leaves the river, which is where the difficulties start. It's seldom that a free white route leading to a home base

becomes visible in the brown murk. When it does it's usually closed before you get across. So you're left hopping between the logs enclosed on all sides hoping a white space will appear above But this tactic falls down as you are

not allowed to hop along the bank at the end to a home base Hopper costs £9.99.

· Getting started Value Playability

an indoor nursuit.

ASTEROIDS



Software for the Dragon 32 is gradually becoming available and arcade fans with one of these new mirroromouters will be pleased to see two versions of video game favourites for their machine. Meteor Run - a version of arcade

asteroids - and Breakout are two games on a tape titled Arcade Action produced by Apex Trading of Brighton. Loading instructions were supplied on a sheet of computer printout paper. The instructions were short and precise but the nackaning was poor

The cassette interface of the Dragon has always proved reliable but loading these games turned out to be a long strupple. Breakout defeated this reviewer - and on listening to the recording I found it to be really quiet. Meteor Run was also a strungle to

load - it's a pity it wasn't worth the effort. It is a short program written in Basic. You control a space craft - using the left and right cursor keys - while dodging meteors regresented by red graphic blocks. You have to shoot enemy ships using the space bar to fire your laser

It held my attention for all of two minutes - but being in Basic it can be listed and may be helpful to beginners. All in all this was a very disappointing package - one not worth the £4.95

- Getting started
- Value





Electric Pencil Company's version of Asternids for the 7X81 is the hest I have played. It has superb instructions, it is fast, has great graphics and good game options. The spaceship was cleverly regre-

sented by either an 'A', 'V', 'D' or 'C' Block symbols from keys Q, W, E and R were used for 45 degree angles. There are four sizes of Asteroids and these were just about right. Their speed

varied during the game - getting progressively faster. The game has five speed levels. Level

3 should satisfy all but those of you who score a billion points for 20p. There is an option for doubles or singles and the five top scores and names can be displayed

Firing to escape

privacy of your own home is sheer ecstacy!

alarming rate and with so many about how do you choose?

you find it unplayable move ston variety or a true inertial thrust (turn round and thrust to ston

have hi-res graphics, colour? Dogs it have different attack waves (more rocks each wave)? Does the game have an attract mode, full scoring, high score, bonus ship?

outstanding graphics, sound or speech?

A great game for one or more players, this version of Asternids is manufactured by the Electric Pencil Company

at \$3.95 · Getting started Value Playability

Quicksilva Asteroids for the ZX81 oot off to a bad start as it did not supply any game play instructions.

After a lengthy process of key fumbling I managed to locate the correct controls and played a fairly average game There were no alien except to shoot

at for bonus points and the asteroids themselves were just clusters of "B"s. I found it difficult to tell which way I was facing as the ship is represented by a number from 1-8 - depending on which way you're facing. It will take you some time to master the controls. Responses are fairly fast and you can

turn clockwise (7 or 4), anti-clockwise (5 or 6) fire (1 or (1) and to thrust forward (2 or 8). Flash packaging fails to rescue a par-

ticularly mediocre version of this hit arcade game. It costs £3.95. · Getting started

Value

Playability



Asteroid Belt is a version of the popular arcade game asteroids for the BBC model B

Who can resist blowing up asteroids? To have them careering about in the

Rut what flavour do you prefer? This game has been multiplying at an

The first consideration must surely be how fast, there is little point getting either a game that is so slow that it bores you to death or so fast

Next consider the controls you are offered, rotate left, rotate right and fire are universal but what of hyperspace and thrust? Is the thrust of the

yourself moving). Then you may consider features: How many sizes of rock do you get? Two, three or more? How many saucers do you get, do they fire at you?

Have you a wrap around screen? What does the game look like? Does it

Finally, does the game have any special features such as particularly A game that has most of the above features is likely to be fairly close to

the arcade original and give you hours of entertainment. MARK FYLES Armed with a photon cannon, your mission is to destroy the oncoming on-

> with your ship The larger asteroids split into two when hit to the sound of a satisfying rumbling noise. These may be, in their turn, split to become two small actornide which if hit again, will

become cosmic dust. You have a hyperspace button which will make you momentarily disappear and then randomly replace you somewhere on the screen.

The name is reasonably fast with adequate sound effects. On the minus side the operating keys were ridiculously far apart and the ship

would not turn quickly enough. A reasonable game but not without a few flaws. From Computer Concepts

for £8 97 · Getting started



CONTRACTOR OF THE PARTY OF THE Meteor Storm is a close copy of arcade asteroids for the Sinclair

The asteroids were represented as neometrical - line drawings drifting weinhtlessly towards your ship. The name displayed clear instruc tions on the screen and also showed

you the value of the various asteroids and flying saucers on the screen. The game kept a running total of the high score and also allowed you to

chart - in true arcade style You are also provided with a key. board overlay which, although it seems just like a nimmirk, is actually quite useful in Asternids where you have five controls to concentrate on. A most playable and authentic

version of the hit arcade game. The game runs on the Spectrum and is available from Anieksilva at £4.95

· Getting started Value Playability . 0



Official Sinclair writers Psion have entered the battle for Spectrum asternids with Planetnids.

This name is not quite so close to the arcade original as the Quicksilva version though it is none the less improceive for this The game has an excellent fire mechanism - the missiles could be fired in

quick succession and reached their slaught of rocks before they collide tarnets swiftly. The name had the essential five features - rotate right. rotate left, fire, thrust and hyperspace, This version also includes the missile-spraying UFOs which really add spice to an Asteroids screen and usually warrant a torrent of abuse after one of their more successful

> One drawback was the lack of inertia on the thrust button. This makes the game slightly easier to play but would upset the purists who want to play arcade Asteroids on their own

> TV sets Despite this one reservation, the game plays pretty good Asteroids and is a more than reasonable piece of

> > 5



4

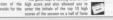
4

Meteoroids is the third and final version of asteroids we tested. It too offers most of the features we have come to expect from the arcade priginal.

However the Softek programmers have also tried to get away from the usual asteroid design of craggy white outline and little else inside. The Softek version features an admirable attempt to simulate the rock-like texture of asteroids. This version has been written to work

with some of the new Spectrum joysticks. An adequate game of Asteroids. · Getting started

 Volue Playability



6

SCRAMBLE

APPLE

Chaglifter is the too selling game in the US for the Apple computer. Superb graphics and superior game

play have shot it to the top of the You play the part of a helicopter pilot on a mission to rescue hostages trapped

inside enemy harracks deen inside hastile territory. Each time you rescue a hostage the computer emits a high-gitched bleeg

telling you that the hostage is safely You can only carry 16 hostages with out overloading the chagger so you will have to make more than one sortie into

The number of hostages rescued and tanks destroyed is recorded at the too of the errose

The game is best played with joyetirks although this reviewer played quite an interesting game using paddles. The helicopter can fly backwards, forwards and sideways - leaning into a dive most realistically, it is also quite difficult to control and will take you some time to master just as a real helicopter would. A most addictive game and easy to

see why it did so well across the

The game is available from S.B.D. Software and costs £19.95.





Take up the Gauntlet and tackle a thrilling subterranean Scramble challenge for the ZX81.

The object of the game is to fight your way through fortified caves with bombs and a laser gun. You start with three craft and get one more every 6,000 points. These are controlled by: "Q" key for up and back; "W" for up and forward: "A" down and back: "S" down and forward.

"B" and "M" give you control over your ouns and bombs, and the game is quite easy to get to grigs with You are actively encouraged to make a copy of the game but that hardly proved necessary as the game loaded every time and the instructions are also very

The first part of the game leaves you standable.

OMA WARW

Scramble was one of the hit names of the nost Snace Invaders boom and still hangs on stubbornly to its prime positions in arcades, pubs and motorway services. Its addictiveness is due to the

challenge it sets you to get further. It's not how much you score that concerns the Scramble fan so much as how far he can get. Can you get beyond the yellow zig-zaggers, or the red fireballs? Or have you not into the maze vet, and if so how far have you got into it? Ultimately. have you shot the robot? This is the supreme test for Scramble aces who have successfully piloted their craft through the preliminary levels.

Any computerised version of this popular arcade game should recreate this graded level of difficulty. This can be achieved by varying the speed of the attacking allens or the difficulty of the scrolling terrain to be flown over. There must also be some final adversary like the robot in the arcade version. It is crucial to be able to move backwards and forwards as well as up and down. Scramble can only really be enjoyed with a loystick. A good version will enable you to bomb and shoot at the same time

FUGENE LACY in the onen, then you enter the caverns and take on some aliens. In stage three you encounter the meteors and level four has only a narrow channel to fly down. That was as far as I got (8.300 points if you want to try and beat it).

In all there are six phases to the game which requires a 16K Rannpack and costs £3.95 from Colourmatic. · Getting started

 Value Playabil

8



Vic Skramble from Terminal Software

is a miracle of memory conservation. How it ever came to be crammed into the unexpanded Vic's 3.5K is a mystery The Vic's clear graphics are used to

good effect with helicopters, planes, oil tanks and missiles all convincing. My main quibble was that this game could not be played by joystick but with one control more than the average invetick can handle, that is perhaps under-

As it is, the flight control keys: fast, slow the crucial un and down are in the "+" position and take a lot of getting used to. The other controls are laser and

You are faced with eight challenges in this thrilling and addictive game. First travel overland, bombing as much fuel as you can to keep energy up, blasting missiles and helicopters on the mountain rannes

In stage two the missiles fire back launching into the air, stage three takes place in the Wiggy tunnel and that's where I met most of my destructions. Stage four is set in the cavern, stage five on the meteor trail, stage six takes you over Rocket City, stage seven offers the dreaded city maze and finally a homing shot makes up the final

challenge. A very valid attempt to reconstruct the arcade original. It costs £7.95. One bug though, a mistaken "shift" combined with "CTRL" (all too easy considering the controls) and the game wanders into the murk of switched character sets

· Getting started



Penetrator is my pick of Scramble-type games for the Spectrum. It succeeds in being immensely play

able vet very difficult and horribly addic-Nice touches include a large number of radar scanners which constantly rotate as you fly over them. These are worth more than points, for unless you

blow them up, they collect data about your flight plan and enable missiles and enemy paratroopers to track you more successfully This is shown in a danger level

indicator on your console. The more radar scanners left operative the more likely the missiles are to blow you from the sky. There is only one way to reduce the danger level, blowing up the enemy's neutron bomb store. Four stages to the game before you meet the neutron bomb HQ and try to return to

Your controls are very responsive they need to be - up, down, thrust, brake, fire and bomb. There has been a lot of careful

hase

thought gone into the way the controls work. Thrust and fire are on the same key but operate independently and the whole bottom row of the Spectrum keyboard is given over to homb.

You can customise your own Penetrator maze. The game allows you to build up your own scenario with radar installations, missiles, caverns and steen hillsides But it is a time consum. ing exercise so it's well worth saving

the finished product In view of all this effort on the part of the marvellous Melbourne House programmers, it's a pity they didn't curb their keenness for presentation techniques a little.

The firing rockets and slow writing out of "Penetrator" is pleasant the first time but nales a little when you are keen to get on with the game and improve your score.

But this is my only criticism of a wellconceived piece of software. It runs on the 48K model and costs

FR 95 Getting started Value 10 Playability

> ATART

Airstrike is a very well executed derivative of the popular arcade game The object of the game is to pilot your

spaceship through underground caverns while avoiding numerous obstacles that are placed in your flight path. The first obstacles to be overcome are surface-to-air missiles and the

occasional floating mine. On you way through this part of the cavern you pick up more ammunition and fuel. In the to deal with a whole series of floating Once through this part you come

across a series of airlocks. The only way to get past these is to shoot the middle out of them and manoeuvre your craft through the resulting hole. You may also encounter the occasional enemy fighter who will try to shoot you

Each level has a different colour and your craft carries less ammunition due to the higher gravity. This really is a most impressive game

and the English Software Company are to be congratulated.

Airstrike is available from Gemini Electronics at £19.95. The game runs on an Atari 400 and 800 in 16K with a disc version also available · Getting started 8 8

Value Playability



FLIGHT SIMULATION

If you have ever wondered what it feels like to be at the controls of a 747 thundering across the Atlantic with a nlane full of passengers then wonder no

more and give it a try Jumbo Jet Pilot challenges you to take off, fly to a selected destination and touch the plane down safely again Sounds easy? Well just you give it a try.

There are nine different dials to keep a constant eye on. Altitude, compass, artificial horizon, pressure gauges, and the instrument landing system - all authentic flight controls.

The game gives you two screen presantations - the view from the cocknit with dials, and a map showing the layout of the airport and your

To henin you have to taxi the plane out on to the runway and then build up speed to the take-off. The sound effects are quite impressive during this part of the game as the roar of the engines build up when the plane gathers speed.

My main criticism of the name is that it is rather slow. Once you have successfully taken off and correctly set the bearings for the flight you could almost on and make a cup of tea. It was just like switching onto automatic pilot, which may be realistic, but personally I also found it a little boring.

Again on the minus side, if you crash the plane you must go right back to the beginning, taxi out and take off all over again. It would have been better if you could resume where you left off or at least if it had a final approach option.

An impressive piece of programming but I feel I could do better for my money. Jumbo Jet Pilot runs on Atari 400 or 800 and is manufactured by Thorn EMI and available from Spectrum computer shops at £34.44 q

- Getting started Value
- Playability



STATE OF STREET

The instrument panel comes into its own in Night Flight, because there's not much else to see out of the windscreen,

In Howson Consultants version of flight simulation you are faced with the problem of landing a light aircraft in the night. The screen is divided into two with the bottom half being taken up by

Commercial flight simulators are used in the training of airline pilots and are now so good that they provide a genuinely realistic simulation of flying in a jet

These simulators use large computer systems and cost anything from a few million pounds upwards, but a more modest range of flight simulation programs for the home computer are now becoming available in the price range £5 to

250 As with all software, paying a higher price will not necessarily buy you a higher quality program. Here are a few features to look for The most technically difficult

component of a flight simulator is the representation of the outside world. This should include at least the harizon and a representation of a runway - any additional features are a bonus. Landing a plane on a runway is the

most exciting part of flight simulators and it is important that this part is done as well as possible. Home computers are not capable of displaying a real instrument panel but it is possible to create an impression of a vast number of gauges and dials which give the feel of a real cocknit. Analog displays like gauges and dials in addition to digital displays are more authentic. interesting and easier to read.

Landing a plane safely is one of the most difficult tasks the pilot has to perform and this should be accordingly difficult and instructive In a flight simulation CHARLES DAVIES

instrument readings, while the top half is given over to the view from the cockpit. This remains dark until the landing strip lights come into view.

A very simplistic map shows the world outside as consisting of a range of hills right across the screen at a height of 1.650 feet with one small valley to

the west of the runway which itself nine east-west Above 2.200 feet the airspace is very congested and there is a high risk of

collision

Apart from the map there are six modes to try out: mode 0 is a demo shown over the last 21 miles of a and you in sale of first In In-final node is on excludit and driver you have it should be done but allows Reviews successful annenach: mode 1 leaves you

you to take over at any time As in most simulations there is a wealth of controls and things to consider and it is initially very confusing.

Raising and lowering the airplane's nose, checking on engine rpm, banking, Inwering flags and landing gear while checking constantly on your heading against the directional beacons, air sneed, altitude and fuel.

Flight Simulation is one of the best Still it is hardly the most complex of simulations and the night idea does give an excuse to bring the necessary memory down to 16K. It costs £5.95.

Getting started

 Value Playability

Many of the features of Psion's Spectrum flight simulation are straight out of the cockpit of a Boeing 747. All information systems are displayed as dials just as in a real plane. These tell you your altitude, rate of climb, speed, wind and weather conditions and your

The program gives you two screen presentations. The first of these shows the view from the cockoit with the instruments described above in the lower half of the screen and the view of the harizon in the ton

The plane can be made to bank, roll, disa climb and even loon the loon though you will have to be a pretty good nilot to make it do this.

The second screen presentation shows a map with your plane flashing its rate or progress towards your chosen destination. The airports are represented as flashing beacons with the land and lakes shown. A masterful piece of programming and

undoubtedly one of the best flight simulations yet to be produced for a micro. Flight Simulation runs on a Spectrum in 48K and is available from larger branches of W. H. Smith at £7.95.

Getting started



ZX81

programs I have ever seen for the After Inading, which takes about six minutes, the program runs a check to

see if it has loaded correctly. If it has you may proceed if not reload. The program places you in the pilot's seat of a twin-engined propeller plane searching for the airport beacons in poor wieibilitu

The game gives you three screen presentations. The view of the horizon as seen from the cocknit A man of the Mediterranean with landing beacons and the position of your aircraft Towards your final approach you can also request a visual display of the

runway and landing lights. Newcomers to the game can start off by just playing the final approach part of the game. It is a tough test of your skill and it will take you several attemnts to touch down safely. More experienced pilots can select a number of extra

difficulty features such as 'wind effects' and 'full feature' When in the cockpit display the top half of the screen shows a view of the cocknit windows where you will see the horizon formed by the sky and the ground. As the altitude of the plane changes, so the visual horizon will move to display the effects of banking, diving

and climbing. Flight Simulation runs on a ZX81 and is available from Psion's W. H. Smith outlets for £9.95

· Getting started Value





SPORT GAMES

VIC-20 WAS ALLES

Alien Soccer is probably going to surprise most of its purchasers. The program for the Vic-20 claims to

be "The wierdest game of soccer you've ever played". It lives up to that claim but not in the way the player would hope, being more reminiscent of ginball

The aliens are there all right, two blue ones on your side set about a onal's width apart and four green ones facing you on the far side of the screen.

On the pitch itself are five large pink creatures which are unmovable and act much in the same way as humners on a pintable

A ball is served up, flicked on usually by the two sets of green invaders as they bounce up and down between the top and bottom of the screen, then bounces into the large pink variety flinging about before heading it out towards your side of the screen which must be protected by your own two aliens.

Send it back if you can. I certainly found it hard to use my two defenders to good effect and the game was over within seconds as a rule. There are five skill levels but level five looked impossible and level one was quite hard

After a while leaning invaders aggear on the screen creating further havoc. The good breakout or pong player may enjoy the game but it was beyond me and the title is sadly misleading,

It costs £9.99 from Rabbit Software. · Getting started

· Value Playability



ATART

The Harlem Globetrotters themselves would be hard pressed to pull off some of the incredible leags and shots that are possible in Atari computer simulated The game offers you five play options.

You can take on the computer with one or two players or team up with a friend to play against the computer Best of all play against a friend as the

computer plays an extremely tough game of basketball. Your men are moved around the court using the joystick. Pressing the fire

button will make your player lean or, if he's in possession of the ball, shoot at the basket. The graphics are quite impressive on

EMI for the Atari 400 and 800 and is available from Spectrum computer shops at £29.84.

· Getting started · Value Playability 8

and comes out of Atari catalogue in

with this latest soccer simulation game

You control up to four players moving

and depressing the fire button to shoot.

ball dictates which of the eleven players

The denth and scale of the pitch are

well recreated with players appearing

Sound effects are another plus for

A variety of game options increase the

appeal of the game. You can select a 10

minute, 30 minute, or 45 minute pame

Socrer is manufactured by Thorn

against the computer or a friend

this game with the sound of a dull thud

as the players strike the leather hall

and a little bit of imagination.

in the team can be moved.

at just about the right size

omputer shops at £24.99.

· Getting started

Value

Playability

amimations

Most computers acquire a library of sports simulations after they have been around for some time

The Atari now has several sports titles from standard soccer and basketball type games to more unlikely indoor sports such as darts and

Graphics are important in sports simulations. Look for accurately marked pitches, thoughtful scaling, and authentic movements of the ball. In games that involve a lot of running, look for authentic simulation of the running motion of the players. Nothing is more ridiculous than a player moving around a sports field without moving his legs.

Of course, computers are not yet sophisticated enough to reproduce all the elements of a name on a TV screen but they are easily capable of giving an enjoyable game if the cartridge has been well thought out It should have two player options and also the facility to play against the computer when your friend is not around.

The two player option if it is to be really effective should allow for simultaneous participation by two players.

Finally, sound effects are also important in sports simulations. Check to make sure the computer produces some audible signal whenever the hall is struck or kicked and also when a goal or point is scored. Some of the better sports simulations have authentic counding effects such as a leather half being kicked, or the sliding of skis, even the cheering of the crowd has

been incorporated in some games All these things help to make a good game. The golden rule, however, as with buying all computer games, is to play them first whenever possible.

EUGENE LACEY About the only thing missing from this game - the men's limbs move and the ball moves across court in slow arcs. Thorn EMI's darts program is the TV to give the impression of depth. commentator's shriek of. "Wun-Basketball runs on Atari 400 and 800 hundred and eightyyy!"

The game, for the Atari 400/800. cartridge form or from Spectrum takes place inside a public house with a keen, and rather slim-looking, darts 9 player standing a regulation distance 6 away from his hoard

6 When the game is in play, the marvellous graphics are added to by a close-up of the board itself in the bottom right hand side of the screen Score the winner in the FA Cup final

with a hand hovering close by. An eve-catching feature of this game is the sound effects which, if you hit a wire and bounce out, respond with a them around the pitch with the joystick

You begin play by selecting a game Up to four players can be moved at from 301 to 901 and choosing a skill any time - the player possessing the level between 0 and 9. The hand holding the dart hovers over the board and you have to judge carefully when to fire as the finger tip hits the part you think you

> Darts costs £19.95, expensive for a cassette despite the good packaging.

> · Getting started Value Playability 9

TT Racer brings you all the thrills and spills of the Isle of Man super-bike The game challenges you to race

against the clock and see how far you can get along an obstacle filled race Push your joystick forward to accelerate - but not too far or you will crash straight into the crowd losing time.

The track scrolls down the screen as you are shown an aerial view including rooftops and trees. The track becomes increasingly more difficult. The sound effects are an impressive element of this game. The acceleration

sounds are narticularly convincing The first major obstacle you must negotiate is a fork junction with an oil slick on one side and clear track on the other. You must make a mick decision on your course and then accelerate away before the slick switches back under your tyres!

Once through this you will have to steer over narrow bridges, wait at traffic lights, and dodge in and out of square green obstacles. When a minute has elapsed the game

ends and you are given a score read-out based on how far you got TT Racer is the first of a range of

sports simulations for Atari 400 and 800 from Centaursoft at £19.95



SPECTRUM

you like pretty pretty graphics then Horace Goes Skiing may be just the name for you

The cute comic book character was first introduced to Spectrum owners last year when Psion Software launched their Hungry Horace game. In that episode the mischievous little gobbler ate the park attendant's sandwiches and prize winning daisies. The game begins with Horace

attempting to get across a busy road as lorries, vans and cars thunder by. You must get him to the other side of the road without petting him killed. You have three lives in which to do this. Once he is safely across the road he can pick up his skis from his shed, put them on, hobble back across the road and then begin his attempt on the

The first few flags are widely spaced and can be taken nice and cently. The game gets propressively difficult. Splendid graphics, an addictive game. and a lovable character in the shape of

Horace all for £5. Horace Goes Skiing runs on a Spectrum in 18 or 48K and is distributed by Psion in W. H. Smiths.

8

 Getting started Value Playability

ADDRESS FILE

Abbex Software 20. Ashley Court, Great Northway. London NWA

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4a Market Hill. Cambridge, CB2 3NJ. Allrian 1000a Uxbridge Road, Haves, Middx.

Anex Software 115 Crescent Drive, Brighton, Sussex

IIRA ORI

Artic Computing 396 James Reckitt Avenue, Hull, N Humberside HUS GJA.

Atari International Windsor House, 185-195 Ealing Road, Alperton, Wembley, Middx. (Any Atari Dealer)

Audiogenic PO Box 88. Reading, Berks,

Automata Cartography 65a Osbourne Road, Portsmouth, Hants. P05 31R. **BBC Publications**

Broadcasting House, Portland Place London W1. (Any BBC Dealer) Bridge Software

36 Fernwood, Marple Bridge, Stockport, Cheshire. Bug-Byte The Albany, Old Hall Street, Liverpo

13.9FG. Campbell Systems Rous Road, Buckhurst Hill, Essex IG9

Centaur Software 6 Purcells Avenue, Edgware, Middx.

Centresoft 26 Great Cornbow, Halesowen, West

Commodore 675 Aiay Avenue Trading Estate

Mids B6 33AE

Slough, Berks. (Any Commodore Dealer)

Computer Concepts Dept. WM1, 16 Wayside. Chipperfield, Herts, WD4 9.11 London SE10

Flactric Pancil Company 1 Mount Vernon, Hull, N. Humbers Camini Clastronics

50 Newton Street, Manchester, Hewson Consultants

60a St Mary's Street, Wallingford, Oxon, OX10 OEL. Imagine Software Masons Buildings, Exchange Street Fast, Livernool L2 3PN.

Mac Games See Morris Associates for this

problems loading the tage and a

measure of how much help a

cassette or disc gives, in making

the game easily accessible to the

"Value" looks at the value-for-

Malhaurne House 131 Trafalgar Road, Greenwich,

52 The Strand, Worthing, Sussex

1 Ruckburst Road, Town Hall Square Rexhill-on-Sea, Fast Sussex.

Morris Associates 27 St Catherines Road Ranlam Port Talbot, West Glam, SA12 8AJ.

New Generation Software 16 Brendon Close, Oldland Common Pete & Pam Computers

New Hall Hey Road, Rawtenstall Rossendale, Lancs, BB4 6JG.

Here is a rundown of the money question and takes into

categories our review team used account whether the game utilises to mark the games featured in this all the facilities of the machine, presentation and packaging. "Playability" refers to the Each game received ratings in three categories. These are enjoyment the name offers. defined as "Getting started":

whether it would hold the reviewers' interest or whether it is a good example of the type of game it is based on.

Fach mark was made out of a possible 10 and we hope it will provide an accurate guide.

Postern Limited PB Box 2, Andoversford, Cheltenham, Glos. GL4 5SW.

Program Power 8/8a Report Street Chanel Allerton. Leeds LS7 4PE

2 Huntsworth Mews, London NW1 600 (Larner branches of W H Smith)

Quicksilva 92 Northern Road, Southampton SO2

Rabbit Software 380 Station Road, Harrow, Middx.

Salamander 27 Ditchley Rise, Brighton, East Sussex BN1 40L

Sharpsoft 86-90 Paul Street, London EC1.

329 Croxted Road London SF24 Spider Software 98 Avondale Road, South Croydon,

Supersoft Winchester House, Canning Road, Wealdstone, Harrow, Middx.

S.B.D. Software 15 Jocelyn Road, Richmond, Surrey TW9 2T.I

Terminal Software 28 Church Lane, Prestwich. Manchester M25 5AJ.

Texas Instruments Manton Lane, Bedford, Beds. MK41 7PA (Any Texas Dealer)

Thorn FMI Thorn EMI House, Upper St Martins Lane, London W1, (Any Atari Dealer)

Viking Software 28 New Road, Northbourne Bournemouth, Dorset BH10 7DS

140 Wilsden Avenue, Luton, Beds, LU1 5HR

3. The game needs extra memory to run. For ZX81 owners this will mean a 16K Rampack. For Atom owners we will assume a fully expanded computer as the norm.

4. The game uses a joystick.

5. The name needs something extra plugged in the user port to

Symbols guide

The symbols beneath each review provide a quick check on what you will

need to run that particular game on your computer. See the details below:

1. The game is available on cassette only. Not in disc or cartridge

2. The game is available in disc form only and not on cassette or

run. This symbol has also been used to show cartridge-only

THE BOOK OF REVIEWS A supplement of Computer & Video Games magazine: March 1983
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GAMES GLOSSARY

Asteroids

The Asternids name into the arrades courtesy of Atari It features a small dart-shaped craft controlled by the player which can rotate left or right and

There is one further control, the panic button (hyperengea) which late you travel to another part of the screen chosen by the computer

The enemy is mainly made up of large asteroids which sweep across the screen in Jame deadly groups of rock. When blown up these break into smaller fragments worth extra points.

There is extra danger supplied by two UFOs. The first larger creature you'll meet fairly early on It tends to snraw shots in all directions and often crashes

The smaller variety is far more deadly in its own shooting and also more difficult to hit Each cleared ecreen means

you start again with extra asteroids. Defender

You can't expect to keep a finger on every control button in Defender or you'd end up in knots.

The action, which takes place above an alient landscape, involves some seven control buttons and takes patience to gain proper mastery of your lone craft.

That natience can be rewarded though, as Defender is challenging from the word "Go". The Defender craft can go: up. down, thrust forward, reverse direction, fire, smart bomb and hyperspace.

Ten humanoids wander on the landscape and these may fall prey to raiding alien creatures known as Landers. Landers pick up the humanoids and take them to the top of the screen. If they succeed in getting there the Landers turn into fearsome mutants hellbent on your destruction

In all there are six alien opponents. On top of Landers and Mutants, these are: Pods are quite harmless but contain the small and persistent Swarmers: Bombers seed space with white bombs and Baiters only appear if you take too long clearing a screen of the rest of the

alions If all 10 humanoids are captured, the planet explodes and all remaining alien life attacks your craft at once.

Defender games usually feature a small radar screen which shows what is poing on at all parts of the planet

Frogger

Frogger has spawned a whole host of computer games with a similar theme. If you can tell a Pacman from a Defender and a Galaxian from a Space Invader you probably know your way around computer games.

But if some of the name terms we have used in this sunniament or in the issue itself, are new to you, then this page should supply the answers, in it we take same of the hest known types of computer name and describe how they are played and what features these games normally incorporate. So if we claim that Penetrator is a "Scramble-type game" and that leaves you just as much in the dark about what to expect, then below there

must iumn arrnes a road and make his way across a river torrent to five frog-

holes in the bank The busy road usually features five streams of traffic travelling in both directions at varying speeds, between which the player must hop his from

without wrapping it around any fenders. Once across the road, the river can be crossed by leaping onto floating logs and onto the back of swimming turtles. ntil our fron can enter a vacant snot in the far hank. Turtles have a habit of diving though so don't let a frog dally too long on one. Being carried off the edge of the screen (by log or turtle) also

results in a note in the funeral column of Amobibians' Weekly When all five frog-holes have been filled, the game becomes more difficult with extra traffic being added to the road, snakes traversing the bank between road and river and alligators

aggearing instead of logs in the river. A timer running down on each frog also adds to the difficulties. The arcade orininal also featured a small lady fron who could be "nicked up" on the logs and offered a lift home for a bonus. Other bonuses can be scored by entering a frog-hole in which a tasty fly meal has come to rest.

Donkey Kong

Donkey Kong is the strange name for a climbing and jumping game which features a starlet-grabbing monster

Often referred to as Crazy Kong or Crazy Climber in the computer circles, it has only just found its way onto the

home screen The game features a gorilla holding a girl captive at the top of the screen and an intrenid hero (Mario the carpenter). who starts at the bottom of the screen.

Between the two is a connecting network of platforms and ladders up which Mario must run to achieve his rescue. Kong hurls barrels down the screen and Mario makes use of his "jump" button to lean over them. He can also grab a hammer and smash the barrels as they

annroach him. Once at the top of the screen a new complex is built with Mario, again

starting from the bottom with a view to rescue. This time the screen features a series of conveyor belts and deadly fires which travel around on the ladders and This name features a frog hero who belts

is a full description of Scramble to put you in the picture. Galaxians

The Galaxians were the sons of Space Invaders. Instead of proceeding down the screen at a leisurely nace, they wavered at the top of the screen before swooping down in batches of two or three (or more often on a solo mission) firing bombs.

The player has the usual left, right and take care not to get trapped in a corner. He scores double points for a galaxian hit in mid-swoon and there are bonus points for taking out the red fleet commanders, who usually descend flanked by their generals, dispersing bombs at fiee for cover

That is the essence of Galaxians but with each destroyed platoon, new waves annear at screen too and their attacks become more frequent, more accurate and all too often, more

Pacman

of a dot-filled maze, a hungry dot-eater and four pursuing spectres Pacman variations can be found under a whole range of titles from Vic-men to Gobbleman Snanner to Suner Glooner

and many others. Most dot-eating names are related to it. The main character is the dot-eater. which travels around the maze, eating augry dat he tourher. His objective is to clear the screen of dots. He is hampered in this by the four chasing ghosts whose

tnuch is lethal. The Pacman's main defence against the ghosts, who usually number four, are energiser dots. These pulse in the four corners of the maze and, upon being eaten, reverse the roles for a short

This means that Pacman can turn the tables on the ghosts and eat them for bonus points. He is allowed only a few seconds of dominance before the usual hunter and hunted rules come back into

It is also usual for fruits to appear on the screen occasionally and these too can be consumed by Pacman for bonus points. When Pacman has cleared the screen, it refills with dots and the game restarts except that this time the phosts are a little livelier and a new fruit, worth extra points, appears at this level.

Scramble

Scramble should have a big one-way sign on its cabinet. The screen rolls from right to left, taking the player's craft along it into ever-increasing danger. Scramble variations often contain the word "Mission" or "Attack" but there are some wierd and wonderful titles

The player controls a craft heading right across the screen over hilly terrain. His craft can never turn around and ont out of its mission but he does have some control over his destiny.

His controls are up and down, fast and slow and he can both bomb and fire at The Scrambler is not usually equipped

with enough fuel to complete his task. but it is normal to obtain more fuel by hombing fuel tanks on the ground and so (mysteriously) replenish his own stocks The enemies come in all shapes and sizes. Most common are missiles which fire up from the ground as your craft passes overhead and alien invader creatures which frequently inhabit

caves and fly at the player's craft. The original Scramble game sent the player through a series of different terrains with new challenges in each section. And most computer Scrambles attempt to duplicate this with a number of different stages.

Scramble requires a cool head which can find the right control in a crisis, but it makes an ideal computer game as The phostly world of Pacman is made up success naturally leads to new and more difficult stages.

Invaders

Source Invaders started the whole computer game craze back in 1977 and most gamers know the format backwards. Still, just a brief resume. The invaders come in waves above the ground and move in rows across the screen one sten at a time, firing missiles

When one row of the aliens reach an edge of the screen, the whole platoon jump down a line and return back the way they came. When they achieve their slow progression to the bottom of

the screen, the game ends The player controls a laser base which moves left to right and fires directly up from its position. His aim is to blow up the entire fleet before it reaches the bottom of the screen.

Flying saucers move across the top of the screen in both directions and can be hit for a mystery bonus score. In the arcade original, top saucer scores of 300 were achieved by firing 22 shots before shooting at the first saucer, then firing 14 shots in between each subsequent saucer. Some compute versions have copied this technique.

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