

QL Software



From Sinclair Research Ltd.

QLUB No: 3913 19259 14240





Whether you're a keen player or just learning the game, you'll enjoy playing with QL Chess, the World Microcomputer Chess Champion.

With an animated display which includes threedimensional chess pieces, and a comprehensive set of analysis commands, QL Chess is a really outstanding program.

■ It's also good enough to have won the World Microcomputer Chess Championships, in competition with the best of the other chess programs. But with 28 levels of play from novice to champion, you'll find it can provide just the right challenge, whatever your standard of play.

■ QL Chess can also help you to become a better player, in a way that no human opponent would. If you want to play a tuition game, you can choose to use the special analysis features, like Hint and Takeback, which let you learn at once from your mistakes.

■ There are plenty of other helpful features as standard. Chess clocks are built in and there's an openings book of nearly 4,000 moves. QL Chess will accept all legal moves and other options let you play against a human opponent, set up positions, save and load games, and print out the current game. See overleaf for illustrations showing how QL Chess works.



Software written by:





Playing QL-Chess

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The analysis screen shows a traditional plan view of the chess board. At the top is a list of the commands you can use to set the conditions you choose for the game. On the left is a move-by-move analysis.



You can play the game using this 3D view of the board, switching back to analysis whenever you choose.



Your moves are entered using the cursor keys. The QL registers its own moves and acts as arbiter for matches against either the computer or a human opponent.

QL Cash Trader



The accounting program specifically designed for the needs of any small business that is based mainly on cash rather than long-term credit.

Most small businesses are run by people with experience in things like marketing, engineering or management – not by accountants. But keeping financial records and working out the management accounts is often far from easy, particularly when most goods and services have to be paid for as they are supplied.

■ QL Cash Trader makes financial record-keeping simple for people who have many other demands on their time. It also provides speedy and accurate management information, and lets you see the effect of each transaction as it happens.

■ Because financial transactions may occur in a random order, you simply update sales, purchases, cash payments, standing orders, VAT, expenses, and so on, whenever you want. Without you needing to pre-sort by date or type, QL Cash Trader instantly processes the entries and displays a variety of reports – including a Profit and Loss account, bank balance, VAT liability, sales and purchase analysis.

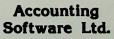
■ Entries are made simple with a minimum of typing, and clearly presented report screens keep you informed. For a view of QL Cash Trader at work, see the reverse of this sheet.



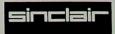
£69.95

comprehensive manual)

Software written by:



A Quest Group Company



Using QL·Cash Trader

QL Cash Trader has been designed so that it can be tailored to suit the needs of a wide variety of different businesses operating in virtually every type of industry.

To make it simple for you to set up QL Cash Trader the way you want, the program contains a variety of example businesses from which you choose the appropriate options. A comprehensive manual is included, and this starts by teaching you how to enter typical transactions. It also shows you detailed accounts based on a number of different kinds of trading. Should you need additional help in using QL Cash Trader, there is a full support service with a free trial period.



Before using QL Cash Trader for your own accounts, the program offers you the chance to run through the examples described in the manual. These are worked out on the main screen, which looks like this. The screen is divided into a number of windows, and this format is used for everything which you do with QL Cash Trader.

The window at top left is the Reports window. A choice of 18 different management reports can be displayed here on request. In this example, it shows a Profit and Loss account and Balance Sheet.

The Status window at top right displays various items of helpful information. At present these are VAT and financial year end dates, which you set to suit yourself.

At the bottom is the Entry window. This is where you fill in your transactions. You enter a description of each one, the amount, and any additional comments.



You can make entries in any order. QL Cash Trader already knows the date, and when you set it up for the first time, you will give it information such as the name of your bank account, and the types of sales and purchases you make.

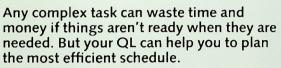
Because the QL now has these details, you don't need to type them in every time you make an entry. You just hold down a key and it will roll through the options to reach the one you want. Then all you do is to fill in the appropriate amount.



When you enter the transaction, its effect instantly appears in the Report window. Any of the reports can be printed out if you wish – by arrangement with Customs & Excise, you can even use QL Cash Trader to produce your VAT returns.

After each session with QL Cash Trader you then save the data (up to 900 transactions on one cartridge) until you next want to update your records.





Any business needs to make its long-term plans as efficiently as possible, but even if you don't have a company to run, you may have to organise things like moving house or building an extension. The problem that all such tasks introduce is how to plan a project that involves several activities over a long period, many of which depend on the others being complete so they can start.

■ QL Project Planner is designed to deal with the problem and produce the most efficient schedule by helping you to think about the project systematically. You start by breaking the project into component activities, assigning each one a duration, and saying which others it depends on.

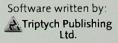
■ Using the techniques of Critical Path Analysis, QL Project Planner builds up a chart which shows each activity in relation to the others. You can see which cannot be altered without affecting the whole project, and which are flexible. When all the activities have been listed you can produce a working schedule.

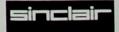
Everything is designed to be easy to follow on screen, and there is also a comprehensive teaching program. For a look at how QL Project Planner works, see the other side of this sheet.







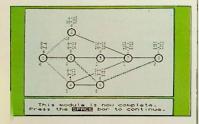




Using QL-Project Planner

Making a Critical Path Analysis with paper and pencil is messy and time-consuming. The QL version is neither, since the computer performs all the hard parts for you.

The normal way to plan a complex task with paper and pencil involves preparing a diagram showing the relationship of all the stages of the project. Because this can be difficult to work out, it usually involves many corrections and additions.



The QL Project Planner teaching program demonstrates what is involved in making such a diagram by hand. You won't need to prepare a chart like this, but it makes it easier to understand the theory.

Each circle on the screen represents one of the project's component activities. The diagram shows the duration of each one, and which activities are 'critical'. This means that



they cannot start later (or finish earlier) than scheduled, without affecting the length of the whole project. These are the activities which must run to time, and the chart also shows those outside the 'critical path', where there is some leeway.

QL Project Planner cuts out all the complication of planning a project in this way, by performing the calculations for you. You just break down the project into a simple table, specifying the various activities and a duration for each of them, then state which other activities they depend on. As soon as you have done this, QL Project Planner can calculate and display the critical path.

If you want, you can specify the costs of each stage as well. You can amend all the details of the list as often as you like until you are satisfied with the data.



QL Project Planner makes it easy to understand the results. You can request a bar chart on screen or printer, showing you how to organize the project schedule. This distinguishes non-critical activities and indicates the margins within which they can move without becoming critical.

The same information can be given in a calendar form if you prefer. QL Project Planner also makes it possible to extract information about things like the cost of the project, and because it is so easy to experiment, you will be able to see whether you can make any changes to make the project run more efficiently.

OL Entrepreneur



If you are starting a business, already running one, or just want to know how they work, your QL can help you learn the principles of business planning.

As well as good ideas, any business venture needs proper financial management. Before you start a new business, you need to formulate a workable 'business plan'. This is most important to present your scheme convincingly to other people – especially those who will be providing finance. And once a business is running, the plan will monitor its growth and help you avoid costly mistakes.

■ QL Entrepreneur is a complete business start-up kit which provides all you need to prepare and present your business plan – not just in theory, but also with practical information on legal and financial matters.

First, a detailed teaching program helps you to understand how businesses work and what makes them successful.

■ Next, QL Entrepreneur helps you to prepare your own business plan and present it in a professional way. The program will question you for ideas, help to test your assumptions, and point out your weaknesses.

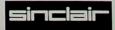
■ QL Entrepreneur is designed to be easy to use, and to present the information in a clear, interesting way. The other side of this sheet shows some typical screens and explains how the program works.





BRAINPOWER

Software written by: Triptych Publishing Ltd.



Using QL-Entrepreneur

QL Entrepreneur isn't just a practical aid to financial analysis. It makes it easy to understand how businesses are set up and why they work in the way they do.

The first part of the kit is the Teaching program, which provides much more than just a guide to applying QL Entrepreneur to your business scheme. Its graphic demonstrations of what really makes a business work will stimulate your learning process and make sure you understand the mechanics of forming and running a company.



QL Entrepreneur's Teaching program and comprehensive manual take you through all the principles of profit (why it's necessary), cash flow (how to control it to your advantage), book keeping, and taxation. You will see how to set up some simple business schemes, analyse them, and predict their chances of success. When you are familiar with all of the concepts, you will be able to make full use of the Applications program.



The QL Entrepreneur Applications program will ask you for detailed information about the financial aspects of your scheme. It uses this to prepare reports for your business plan.

Armed with the knowledge you have gained from the Teaching program, you will find it easy to work out the information you need. The manual provides an extensive checklist of all the items required by the program.

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Once you have entered the information, QL Entrepreneur is ready to perform the analysis. From this, it will:

- Work out the break-even point of your new venture
- Produce your first 18 months cash flow
- Analyse your working capital and inventory requirements
- Help you decide the type of finance you need – and when you need it
- Produce your year-end balance sheet and profit and loss accounts
- Analyse your expenditure and revenues and show their effects on the profits.

You can ask 'What if . . . ?' whenever you want to see the effect of making changes. Best of all, you can repeatedly alter your information until you have a workable plan that will satisfy both yourself and your backers. Then, you can ask for a print out of the results, to keep for reference or use as part of your business proposal.

QL Decision Maker

Don't take risks when you have an important decision to make. Use your QL to explore all the possible outcomes before you decide on the best option.

Should you buy a new car, move house, change jobs, expand your business . . .? Important decisions like these shouldn't be taken lightly, but it isn't always easy to weigh up the consequences of every choice.

■ QL Decision Maker is a really practical way to use your QL to help you to explore all the possibilities and minimise any risks. You can be sure that you have looked at every avenue – and even tried some that you might not have thought of before.

■ QL Decision Maker lets you see how chance will affect your choices. You have the freedom to ask 'What if . . .?' at any point you like and it is easy to work out the overall likelihood of any outcome.

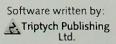
■ Armed with this knowledge, you can build up a picture of the financial implications of your decisions. QL Decision Maker will advise you of the most appropriate and cost-effective route to follow.

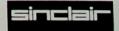
Everything is displayed in a simple graphic format. And there's a comprehensive manual and interactive teaching program to help you to get started. The other side of this sheet shows some of the screens and explains how the program works.











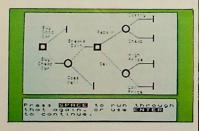
Using QL-Decision Maker

QL Decision Maker can be used to solve any problem where you have several choices, each of which might lead to a number of different possible outcomes.

Suppose you want to sell your old car and buy a new one. This isn't so simple if you have several to choose from, in varying conditions and prices. Should you buy privately or from a dealer – and sell or partexchange your old car? What if the one you buy breaks down? How much can you afford to spend on a repair? Is it better to pay more for a guaranteed car from a dealer? . . .

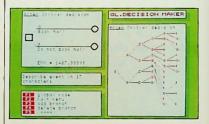
Many decisions are even more complicated when you start to look into them, and picking the best route can be very difficult because any end result depends on the outcome of several other choices.

With QL Decision Maker, you will learn how to project yourself into the future using a structure which includes *all* the possibilities. QL Decision Maker does this with sophisticated techniques of decision analysis. But that doesn't mean it's difficult to understand, thanks to its simple presentation and clear display.

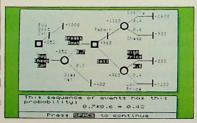


■ The basis of the program is a structure called a 'Decision Tree'. This is a diagram in which each alternative is shown as a branch. Any further options are shown as smaller branches, and so on until you reach all the eventual outcomes. The diagram shows not only where you have a choice, but also where the result depends on chance, and what the financial implications are.

The teaching program contains a complete worked example, and QL Decision Maker shows you how to apply the technique to your own problems.



Just building up the diagram helps to ensure that you have considered things systematically. But now you can start to work out the likelihood of the different outcomes. QL Decision Maker lets you assign probabilities to each event and trace them through to the end results.



Major decisions usually have important financial implications. So QL Decision Maker shows you how to work out the expected monetary value of your options.

Even more importantly, you can calculate the risks involved, and see how both risks and rewards can be altered by changing the conditions.

QL Integrated Accounts



A complete package for any business which wants to set up a fully integrated ledger-based accounts system. The program also provides a comprehensive range of reports.

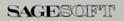
Proper book-keeping is essential to any business. But, for a small business, having it done professionally can be a major expense. QL Integrated Accounts makes it possible for anyone to organise a properly-managed accounting system – saving time and money.

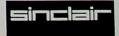
■ QL Integrated Accounts uses a tried and proven method based on the renowned Sage Accounting System – one of the UK's top selling accounting programs. A system like this normally costs nearly as much as the QL itself. Now, it is available for a quarter of the price, and in colour for the first time ever.

■ A comprehensive manual and tutorial program explain the principles of book-keeping in such a way that you don't need to be an accountant to follow them. In a very short time, you will be able to generate fully-integrated sales, purchase, and nominal ledgers. You can also request any of a suite of management reports, including trial balance, profit and loss, VAT, aged debtors and aged creditors, and a balance sheet.

■ Clear graphic screens and simple entries make it easy to use this high-quality, professional program, and three months free 'Hotline' support is provided to new users. See how the system works overleaf. Price: **£89.95** (includes comprehensive manual)

Software written by:





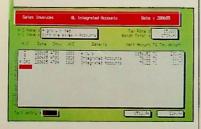
Using QL-Integrated Accounts

The QL Integrated Accounts package is designed for simplicity, and a detailed manual provides all the book-keeping knowledge you will need.

Even if you have never tackled accounting before, you will find that QL Integrated Accounts works in a way which is easy to understand. But that doesn't mean that it cuts any corners in quality. The program has been extensively developed with the aid of accountants and Customs & Excise to ensure it meets exacting professional standards.

QL Integrated Accounts is simple to use because it splits up book-keeping into easy stages. Each of these is clearly explained with the aid of examples to work through. All the screen information is presented so it is easy to understand, and simple to enter your data.

The program has two main sections; 'Postings', where you record invoices, credit notes, bank and cash transactions: and 'Reports', which contains all the routines seeded to produce sales, purchase, and hanagement reports from the posted data. ou start by running the Postings program.



A menu will offer you a choice between the sales, purchase, or nominal ledgers. These contain options for creating new accounts, and recording details of invoices, credit notes, payments and receipts as appropriate. This picture shows an example of the screen used to enter an invoice in the sales ledger.

You will already have set up accounts for each of your customers. Now, entering the invoice details is simply a matter of filling in the lines by matching the details to the invoices themselves. Standard entries for things like VAT are made easy with a single key press, and it's also possible to duplicate entries if they are repeated.

When you have completed your entry, you are asked to confirm it. The screen data is then automatically filed in the correct places.

All the other entries in the ledgers are equally straightforward, so you won't find it a chore to keep your ledgers up to date.

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Now you can compile reports from these details. The screen above shows just one of the huge range of reports which is available – a complete analysis of an account history showing all the sales invoices and credit note details.

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Reports analyses are all based on an audit trail – the most important routine from your auditor's point of view. As well as providing vital management information, this can also be printed out in a form suitable for transferring to your VAT return – yet another of the many ways in which QL Integrated Accounts will save you time and money.

QL Home Finance

If you are used to keeping your home financial records on pieces of paper, then think about the advantages of transferring them to your QL.

The real power of computerised accounting is not just that all your data is in one place and can be accessed instantly – it's that you can get the answers to questions that would never be possible with records kept on paper.

■ QL Home Finance is the unique accounting system that's tailor-made for the needs of the home computer user. It's specially designed to provide everything you need to monitor your own personal spending and income.

■ QL Home Finance maintains separate accounts for all major types of expenditure, standing orders are processed automatically, and you can update your files or reconcile your statements whenever you want. Any time you want to check things through, QL Home Finance can provide the answers – instantly. You can sort your records under any heading, perform analyses or check a balance. QL Home Finance even shows who made each transaction.

■ The data is presented in an attractive display that's designed for clarity and ease of use. And if you have a printer, you can request a paper copy of your statement or analysis whenever you like. On the other side of this sheet, you'll find some sample screens and an explanation of how the program works.



Price: £24.95 (includes comprehensive manual)

Software written by:



Using QL-Home Finance

If you normally keep household accounts records on pieces of paper and store them all in one big file, you'll find that QL Home Finance is even easier to use.

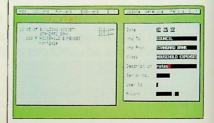
The difference is that you can enter your records in any order you like, QL Home Finance automatically sorts them into the right place and arranges them by date. Once your records are on file, QL Home Finance can display them in any way you want, to make checking any of your home accounts even easier than reading a bank statement.

When you start a session with the program the first thing you have to do is to enter the date – QL Home Finance automatically uses this to prepare any statements or update standing orders. Then you just press a key to go instantly to the job you want.



■ Suppose you want to enter some transactions against your bank account. QL Home Finance lets you set up different accounts for your bank, building society and so on – and sorts each record automatically. All you have to do is to fill in a standard 'record card', shown on the right of the screen. The entry is sorted into the correct category and date order, and a statement of your account is displayed on the left of the screen. QL Home Finance copes with deposits as easily as it does with withdrawals, and you can even enter a code to show who made the transaction.

QL Home Finance makes it easy for you to enter transactions you use frequently. There's no need to type the same words time and again. Just press a button and the record card flips through a list of standard entries, so you can pick the right one and fill in the amount.



■ If you want to add standing orders or regular monthly payments, a couple of key presses will call up a special page for you to do this. Once again, you get a record card on which to make the entry – just specify who receives the money and which account it's drawn against. Enter the amount, set the start and finish dates, and the standing order will immediately be processed.



All the debits and credits are calculated on your statement page as soon as they have been entered. But QL Home Finance also makes it simple to process the information.

A couple more key presses take you to the analysis screen. Here you can call up the balance of any account, or analyse your income and expenditure.





Can you dodge the hazards waiting in the 50 caves and find the hidden gems? Find out when you take on the exciting challenge of QL Cavern.

QL Cavern sets a whole new standard in 'platform' type arcade games.

■ The action is set in a colourful underground cave system and, thanks to the QL's huge memory, the high-speed play is spread over a full 50 different settings. On the other side of this sheet, you'll find a selection of screen pictures showing just a few of the challenges of the cavern.

Each cave presents new hazards for the explorer, and you must use your skill at the controls to dodge them successfully.

■ On your journey you must walk or crawl along the underground passages, swim or travel by boat down the subterranean streams, and fly by jetpack. You will also be able to make use of lifts, teleports and trampolines – but mind you don't step in the wrong place, or you risk losing a life.

■ Your objective is to find a hoard of 395 gems which has become scattered throughout the caves. When you have discovered each one, you must try to add it to your collection, but you'll find some of them very hard to reach . . .

Keyboard or joystick control.



£12.95

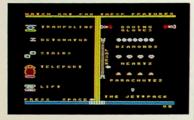
(includes comprehensive documentation)

Software written by:

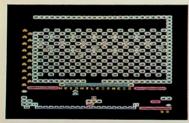
JMF



A look round QL-Cavern



Watch out for these on your journey – you'll find plenty of hazards to dodge and encounter many helpful features.









■ You'll have to use all your skill at the controls to reach each of the 50 caves. These pictures show just a few of the challenges you will meet on the way.



QL Gardener

Choosing plants to suit your gardening needs is simple with QL Gardener. It will pick your best possible options from libraries of over 1100 plants.

QL Gardener is for anyone interested in growing plants. It will help you to choose the right flowers, trees and shrubs for every purpose around the garden, and you don't need to be an expert gardener or an expert with computers. QL Gardener provides a simple method for you to describe the plant you want, then searches its own extensive libraries for plants that meet your needs.

■ You can choose up to as many as 22 plant features. First, these allow you to make sure that you only buy plants which will thrive in your garden conditions. You can specify things like the soil type, climate, light levels, and other site features.

■ Next, you describe the plants themselves. Do you want flowers, and if so, what colour? How big should the plants be, and what shape? Should they have fruit? What colour foliage do you prefer? Do you want a seasonal display? ... up to 22 options.

■ When you have entered your selection, you can ask for a list of all the suitable plants. When you have this, you just look them up in a catalogue or choose your favourites from a nursery. Overleaf, you'll see how easy it is to use QL Gardener.



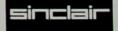
Price:

£24.95

(includes comprehensive manual)

Software written by:

GORDIAN COMPUTING SERVICES



Using QL-Gardener

Even with a large number of gardening books, it would be almost impossible to find the answers to questions about plant selection which QL Gardener solves easily.

Computers can store large amounts of information, and QL Gardener contains details of as many plants as you would find only in one or more lengthy gardening reference books. But your QL does much more than any reference book, because it can sort the information the way you choose.

This means that you can ask the program, for example, to find all plants which have yellow flowers and which thrive in acid soils. You would find this hard to check with a reference book, but your QL will produce a list of suitable plants in seconds. This selection only specifies two characteristics of the plant, you could add many more – you might want a fast growth rate and spring flowering, perhaps – up to a total of 22 different options.



QL Gardener is simple to understand, and fun to use. A full introduction within the program and a comprehensive manual explain both how to use the program and the small amount of plant knowledge you need.

QL Gardener makes it easy for you to enter your instructions. Most are made by using the cursor keys to select from a menu displayed on the screen – so entries are quick and involve very little typing.

The main menu lets you choose between the various program functions. If you want to select some plant characteristics all you do is



to position the cursor against this option and press the space bar to confirm your choice. As soon as you have done so a new menu will overlay the old one. This secondary menu lets you choose which group of features you want. Just select as before and you will be offered a more detailed series of choices.

It takes only seconds to enter all your preferences, then you can use the menu to request a list of suitable plants.



The program searches its libraries and lists the plants either on screen or on paper. The manual explains in detail how you can make your final choice from the list.

If you are interested in special plants which are not covered by the built-in libraries, QL Gardener lets you modify the information. You can also obtain extra, specialist lists to use with the program.



