

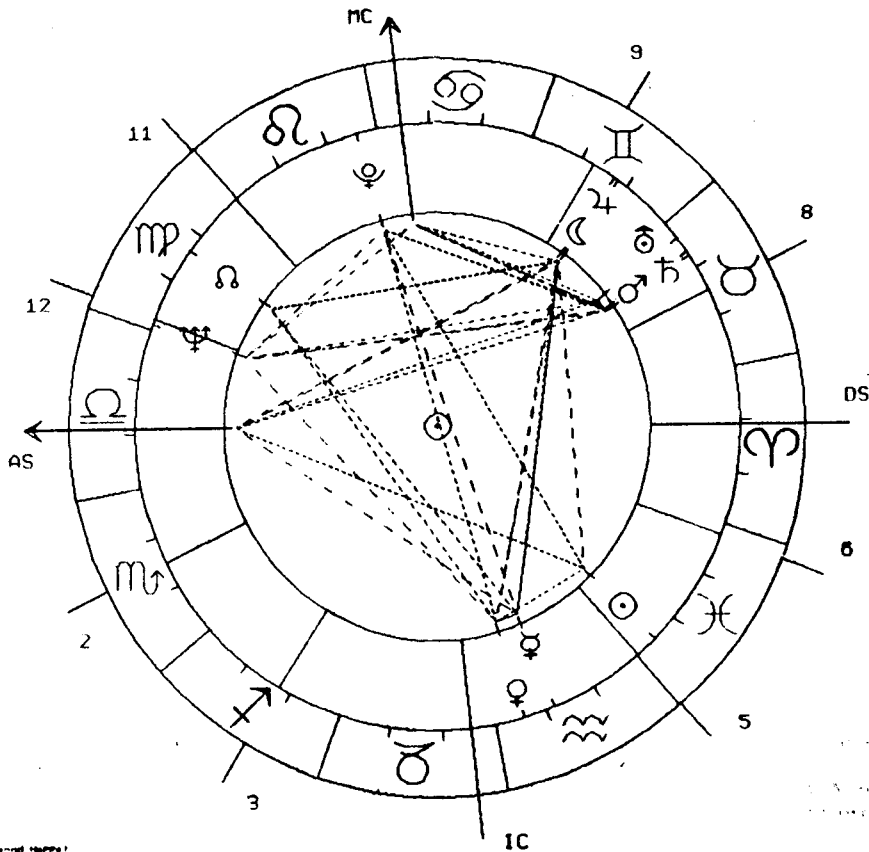


astrocalc
British astrological software

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FULL CATALOGUE AND PRICE LIST

October 1987



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ASTROLOGY for beginners

For COMPLETE beginners we have put together a Starter Pack comprising:-

A simple program to calculate a horoscope
A 12 page introductory booklet explaining how astrology works
2 self-teaching programs (how to interpret the horoscope)

The A0 calculation program (available separately for £8) gives the natal positions of the planets, Ascendant and Midheaven with sufficient accuracy for natal interpretation (1 min inner planets, about 3 min on average outer). *However, it cannot be used for more sophisticated applications such as transits, harmonics, etc.* The program calculates the major aspects (conjunctions to sextile) showing the actual orb to the nearest degree using standards described on page 20. 2 letter abbreviations are used for planets, signs and aspects in all cases (including Spectrum and Oric). Equal House positions are also shown - Koch in the German language versions.

The 2 Astrotutor programs are Planets and Signs. See page 15 for further details.

only £11.50 cassette

For disc versions please add extra for disc - see page 24

Currently available for:-

48K Spectrum, BBC A/B, Electron, 48K Oric, Dragon 32/64
Tandy Color 16/32K with Extended BASIC, Commodore 64
Sharp MZ80A/K/700, 16/32K Colour Genie, Tandy TRS80 I, III, IV
Video Genie/Genie/System 80/PMC 80, Commodore PET 3000/4000/8000
Atari 400/800/800XL/800XL, Amstrad 464/684/6128/8256/8512
MSX, Commodore C16, Plus 4
IBM, Apricot, MBASIC and GWBASIC

Please note the following

The A0 calculation program cannot be added to in the same way as other programs. However, it can be updated to the A1 program. Please send your copy back to us (plus £10) and we will exchange it for the A1 plus user instructions. You can, of course, add to the A1 at the same time as updating from the A0 to the A1.

Dutch and German language versions are available for Spectrum, Commodore and IBM.

For more advanced students we would recommend the A3 (natal, progressions, transits, direct chart synastry) plus the 5 Astrotutor I programs. Once reasonable mastery of the Astrotutor I is attained then Astrotutor III is highly recommended for further study in the art of synthesis and interpretation.

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OPERATING INSTRUCTIONS ARE INCLUDED WITH EVERY PROGRAM.

See page 7 for a quick guide to the available range of fixed calculation programs. In addition you may specify your own program by selecting the modules shown in pages 8 to 11. This must include the A1/Natal chart routine.

ASTROCALC SOFTWARE

Computers

A Apple II+/C/E (disc only)	N NewBrain
B BBC B	O 48K ORIC I/Atmos
C Commodore 64/128/PET series	P Pocket Sharp 1401/2/3
D Dragon/Tandy Color 32/84	Q
E Electron	R Atari XL/400/800*
F Commodore 16/Plus 4*	S 48K Spectrum
G	T Genie/Tandy TRS80/Colour Genie
H Amstrad 464/664/6128	U Texas TI99a 16K
I IBM, Amstrad 8256/512, etc +	V
J Tatung Einstein ↗ +	W
K	X MSX
L	Y VIC20 16/32K
M Sharp MZ80A/K/700	Z 16K Sinclair ZX81

* Only the Starter Packs are available for these computers.

+ Programs for the IBM and compatibles (eg the Amstrad 1512/1640) are compiled and therefore very fast. The Amstrad 8256/8512 is not an IBM compatible although we have used the same letter for the programs. Programs for these and other similar 8 and 16 bit machines the programs are normally written in MBASIC, GWBASIC or variants of these languages and the program specification may therefore differ slightly from the IBM.

Certain computers come with memory sizes other than those shown above. In these cases please ask about program availability. The normal minimum requirement for astrology is 16K of available RAM and a BASIC which can manage real numbers. Thus the unexpanded VIC20, the Apple with integer BASIC, the 16K Tandy Color with normal Color BASIC, and the 16K Spectrum are NOT suitable. The 32K tape-based BBC B and the Amstrad 464 are also limited in memory when it comes to the larger programs - please enquire for exact details. However, the A10 and LARGER programs are now available for these machines on disc.

The new Amstrad 9512 may run our programs. However, you will NOT be able to print out with the daisy wheel printer supplied since it cannot handle the astrological symbols.

SPEED

All computers are fast compared with human beings, but some computers are faster than others. Approximate times to calculate the natal chart and 12 months transits are shown below.

Computer	Natal (secs)	12 months transits (mins)
IBM/Amstrad 1512	2	20 secs
BBC/Electron	15	3
Amstrad 464/6128/8256	17	4
Commodore 64/PET	22	4
Spectrum	38	7

ASTROCALC SOFTWARE

SINCLAIR 16K ZX81, TEXAS TI99A, 16K COMMODORE VIC20

We have an A1 (£15) for all of these, but because of memory constraints error checking is usually restricted to the date, and items such as qualities and elements, house positions, applying aspects, etc. are not shown. With the VIC only ONE house system is available but it can be any of the 8. With the 16K ZX81 there is also an A2 (£25), A2A (£25 - as A2 with Solar Arc Directions instead of day-for-year progressions) and an A3A (as A2A plus day-for-a-year progressions £30). These give the same basic information as described earlier but certain items - progressed declinations, etc - are omitted.

SPECTRUM PRINTER INTERFACES

It is possible to connect up the Spectrum to printers such as Epson, Seikosha, etc. To do this you need a printer 'interface program'. The latter comes in 2 forms and many variations. One form is where the program which enables you to use the printer is on a cassette; the other is where this program is in a EPROM. The difference between the 2 is usually - but not always - that the cassette versions take up additional memory whereas the EPROM versions don't. Either way your Astrocalc program may have to be amended in order to work the printer. Please give full details. Typewriter-style printers (but not daisy-wheels) will work with our Spectrum programs provided that they support the COPY command.

The Spectrum sample printouts shown later were produced using the Euroelectronics ZX LPRINT III interface and an Epson printer.

The Spectrum 128K will only work with our programs in the 48K mode so that the serial printers which work only in 128K mode will not produce a screen dump.

THE A1 (NATAL CHART) PROGRAM - £18

This program is designed for ease of use and sufficient accuracy (average error about .3 min of longitude) for the period from about 1850 to 2000. All you have to do is to input the time, date, latitude and longitude and the program will calculate the Ascendant, Midheaven, Vertex, Part of Fortune, Mean and True Nodes, plus the longitude and declinations of the planets. Equal, Placidus and Koch House systems are all included and the house positions are shown, as are the qualities and elements. Aspects may be calculated using standard aspects and orbs (see page 20), the actual orb also being shown. Applying/separating aspects between planets are indicated on most computers. All information is normally screen-based and may be printed if you have a printer.

On the disc-based Amstrads (464/8128/8256/8512), IBM and compatibles a square screen chart is included. In addition the IBM programs include a 'CLOCK' facility which is extremely useful for rectification, etc.

Symbols are clearly shown on the Spectrum and Amstrad 8256/8512 computers and can be printed on the printers. *However, although symbols can probably be shown on the new Amstrad 9512 computer, the daisy wheel printer will NOT let you print these out!*

THE JULIAN/GREGORIAN DATE VERSION OF THE NATAL MODULE - £22.50

This is a version of the A1 program which extends the accuracy of the calculations so that 1 minute accuracy is possible for the inner planets going back to pre-Christian times, and about 1 degree accuracy for the outer planets. In addition it is possible to input dates using the Julian Calendar and the program will automatically correct for the difference between that and the Gregorian Calendar.

NATAL PROGRAM VERSION 7

New planetary routines are being developed for us which will effectively give 1 minute accuracy over at least 5000 years. This version will replace the Julian version and will gradually become available for machines such as the IBM and compatibles, all the Amstrads, BBC, Commodore, Spectrum, Tandy, etc. However, it is very unlikely that these will be introduced into the less popular machines such as the Dragon, Oric, Tandy Color and Sharp MZ ranges.

In addition, on disc-based machines many minor modifications are being made to the program to enable the user to alter certain parameters to suit his particular way of working. Thus you can specify which house system is used as standard, the orbs and aspects used in natal chart work, synastry, harmonics, etc. These questions are then no longer put to you in the main program, though you can still alter the parameters from within the program for most things.

ADDITIONAL MODULES

Unless otherwise stated, all other calculation modules depend on the A1 natal program (or Julian version) and will not work without it. Once you have the natal program it is possible to build up a program consisting of those particular techniques that you use - up to the limit of the memory of your computer. These additions will normally be supplied to you as a *single program* containing what you already have plus your new requirements. The cost of this update service is £5 plus the cost of the new modules. Any additions or improvements to modules will automatically be included. A similar 'update' is offered if you change computers: ie we will exchange your existing program on your old computer for a similar one on the new for a fee of £5 plus disc.

To give you some idea of what is possible on various computers, we have produced a standard range of programs, the A1 to A10 comprising some of the more popular groupings of modules. These are listed on page 8. *LARGER program combinations containing additions such as the all-progression, all-harmonics and the very powerful all-transits modules (where available) are possible on disc-based computers such as the BBC, Commodore, Tandy, Amstrad, Apricot, IBM, etc - see bottom of page 7.*

The availability of programs for particular computers is indicated by a letter after the program/module. This is the situation as at October 1987. If a particular module does not appear to be available for your computer please enquire *before ordering*.

ASTROCALC SOFTWARE

Preset range of CALCULATION PROGRAMS

Prog No	Price £	Specification	Machine
A1	18	Natal longitudes, declinations, Aspects, Mean & True Node, Vertex, Qualities, Elements, Equal Koch and Placidus house systems, the cusps and positions of the planets and angles. Accuracy for the 20th century is normally to the nearest minute of longitude (average error about .3 min). 19th 19th century charts are also fairly accurate.	B C D H I S T M N O A E X J
A2	33	As A1 + Day-for-a-year progressions giving the progressed positions, Mutual Aspects, Progressed to Natal & Lunar aspects by month; plus Monthly Transits (1 to 12 months) giving exact date for major aspects for Mars to Pluto transits, & Daily Transits (1 to 7 days) giving major aspects for all planets.	B C D H I S T A E M N O X
A3	43	As A2 plus Direct Chart Synastry giving the ability to process 2 charts fully then compare for aspects & house positions.	B C D H I S T A E N O X
A4	50	As A3 plus Composite & Relationship charts including the progressed charts.	B C D H I S T A E O X
A5	40	As A2 plus Harmonics - lists of harmonics & single charts with mutual aspects & harmonic to natal aspects.	B C D H I S T A E O N
A6	45	As A2 plus Midpoints. Includes lists of Midpoints in various sorted orders, Solar Arc Directions and Transits to Midpoints, orb & dial changes & Natal Midpoints aspects.	B C D H I S T A E M
A7	40	As A2 plus Solar and Lunar Returns Includes relocation and precession options.	B C D H I S T A E M
A8	70	A program giving all the features of A1 to A7.	B C D H I S T A
A10	100	As A8 + Julian, All Transits, decimal harmonics, minor planets, user-defined orbs 8 house systems, sidereal zodiac & true solar arc directions.	B & H(disc) C D I S T

Please note that the wheel, summertime correction and gazetteer modules are NOT included in the above. If you want a combination of modules not mentioned above you may select these from pages 8 - 11. Programs containing all available calculation routines, wheels, auto-gaz or UK Gaz and UK summertime and Ephemeris print where applicable for the disc-based BBC, All Amstrads, IBM and compatibles will cost between £120 and £130. The specifications of this 'complete' calculation program will vary slightly from computer to computer according to the latest amendments and improvements. Please enquire for further details.

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CALCULATION MODULES

This is a list of the various modules currently available - these *INCLUDE* those which go to make up the A1 to A10 range previously described. This list is NOT exhaustive and further modules are continually being added. Where a module is not listed here but exists in a combination (eg day-for-a-year progressions for the Oric), it is because it is currently only available in the combinations shown.

BASIC CALCULATIONS

£18 Natal Chart (The A1 program) A E B C D H I J S T M N O
or
£22.50 Julian date/Gregorian date input. E B C D H I S T X

Supplements the natal chart. Enables input of Julian or Gregorian dates and ensures 1 min accuracy for inner planets, 1 degree for outer prior to 1800 and after 2000 (see page 6 on version 7).

PROGRESSIONS (also see page 14)

£7.50 Day-for-a-year Progressions B C D H I S T E M

Progressed positions as for the natal chart. Mutual aspects and natal to progressed including the actual orbs and applying and separating aspects. Also lunar aspects by month.

£5 One Degree or Arc Directions B D H I T
£5 True Solar Arc B C D H I S T
£5 Radix B H I T
£5 Daily Progressed Angles B D H I T
£18 All Progressed Modules B D H I T

The perpetual Noon/Midnight date option and method of calculating progressions (Solar Arc added to the MC), as used by the Faculty of Astrological Studies, is also now included wherever possible in addition to the standard Day-for-a-year method.

TRANSITS

£7.50 Exact date transits B C D H I S T E M

Choose any start date and the program will give you the exact date when a transit takes place. This can be either on a monthly basis for the planets Mars to Pluto, or on a daily basis for all planets. Major aspects (cnj to sxt), except for monthly Mars transits (conjunction and opposition only). These are now date-sorted for B, C, H, I, T, E and the period of 1 degree influence is shown in days wherever this exceeds 2 days.

£12 Exact date plus 1 degree Transits D S E

As for exact date transits except that the dates when the transits is exactly 1 degree from exactitude are shown.

ASTROCALC SOFTWARE

£15 All transits B C D H I S T E
As above plus the ability to choose aspects (major and minor) and first and last planets involved.

HARMONICS

£7.50 Basic Harmonics (also see page 14) B C D H I S T E

Multiple lists of harmonic positions and single harmonic charts with aspects

£5 Decimal (Dated) Harmonics B C D H I S T
£10 both above harmonic modules B C D H I S T
£5 Planetary Harmonics B D H I T
£13 all harmonic modules B D H I T

£10 HARMONIC CHART ANALYSIS - New I H
Uses Harmonic orbs: measures every aspects's strength: gives aspect-strength for each planet: reports all 3-planet configurations, with strength, user options for orbs, aspects, etc.

£12.50 Midpoints B C D H I S T E M

Includes Transits to midpoints and solar arc directions to midpoints. Orb & dials can be changed & various sorted lists of midpoints obtained. See page 12 for Midpoint Trees.

SYNASTRY

£10 Direct Chart Comparison B C D H I S T E

Enables input of 2 charts and subsequent comparison giving the aspects between the charts and planets in houses of other chart.

£5 Composite Chart B C D H I S T E

Calculates the midpoints between 2 charts and the interaspects for the natal chart (and progressed charts if calculated)

£5 Relationship Chart B C D H I S T E

Also calculates a new chart and interaspects, but this time using the midpoints in time and space.

Both Composite and Relationship charts need the Direct chart comparison module to be present.

£17 All Synastry Modules B C D H I S T E

£7.50 Solar and Lunar Returns B C D H I S T E M

Includes relocation and precession correction options.

£5 Lunar Phases B C H I T

Gives the times and dates of eclipses, full and new moons; also aspects to natal and progressed charts.

£5 Minor Planets B C D H I S T E M

Gives the positions of Chiron and the 4 main asteroids Ceres, Pallas, Juno and Vesta. No aspects. Isis/Transpluto and the hypothetical Transneptunian planets can be added if there is sufficient room (£8).

£5 British Summertime Correction B C D H I S T E M O

Enables the input of the given time of birth. The program automatically corrects for summertime or double summertime. Disc versions include a facility to update the data file each year.

£5 UK Gazetteer B C D H S T E M O

Contains latitudes and longitudes of from 135 to 150 of the most populous towns. Simply input the name of the town and the program gives you the coordinates.

£5 Autogaz (disc only) C H I T

Build up your own file of towns and their positions. You are not restricted to the UK and are limited only by the size of the disc. The initial files normally contain from 300-1800 towns. You can sort, print and merge to create new files, even your own printed gazetteer!

HOUSE SYSTEMS

The standard house systems offered by the basic module are Equal, Placidus and Koch. Others offered are: Topocentric, Campanus, Regiomontanus, Alcabitus, Porphyry.

£5 4th/replacement house system B C D H I S T

£10 8 House systems (see above) B C D H I S T

£5 User-defined Orbs B C D H I S T

Enables variation of orb according to aspect and variation of orb between planets and angles on a percentage basis. Also the ability to have different orbs for applying and separating aspects. On disc these changes are semi-permanent.

£5 Sidereal Zodiacs B C D H I S T E

Gives the ability to work on any chart in the tropical zodiac and a sidereal zodiac. Switch from one to the other by pressing one key.

£5 Heliocentric positions B C T

This is now included as standard in IBM programs and will be included in version 7 wherever memory space permits.

PRINTER CHART WHEELS (see page 21)

These are capable of showing up to 5 planets in a house and being used for any charts and any house system. They are NOT

automatically included in the A1 to A10 range of programs.

£7 Spectrum Printer Chart Wheel

Can show up to 5 planets in a house using the correct astrological symbols. Gives positions and cusps to the nearest degree.

£7 2 letter Printer Chart Wheel B C D E H I T

2 letter abbreviations are given for the planets and signs.

£7 Printer Chart Wheel with symbols B C I T

For the Epson FX80 (NOT RX or LX), Amstrad DMP 3000/4000, Kaga/Cannon and other code compatible dot-matrix printers where it is possible to DOWNLOAD an alternative printer character set (NOT Amstrad DMP 2000/8256/8512 printer). For IBM the Wheel module offers both 2 letter and symbols options. This will be extended to other computers.

£55 4 Colour Plotter Wheel C H I

This works on a plotter-printer NOT a dot matrix printer. Prints very beautiful, neat chart wheels using 4 different colours. All symbols are clearly shown, as are the aspects lines (see front page).

Like our other wheels, these can be produced for any chart which the program is capable of calculating. Also shown (not in illustration) are the calculated positions and an aspect grid. Not yet available for the Amstrad 8256/8512 (end 1987?).

The price of the plotters varies according to which make you purchase. The Sharp Plotter, which is one of the most reliable, currently costs around £230.

Chart Storage and Filing System C H I

Provided free with the specified disc-based computers. Chart information stored includes the name, time, date, latitude and longitude and house system used.

£11.50 File Service Program C H I

For viewing and manipulation of the charts stored using the Chart Storage and Filing System.

Provision for more sophisticated storage systems are also being built into the programs. There is likely to be both an external format for data transfer between computers along the lines of the ISDF standards agreed between software houses at the Ammerdown and Nottingham conferences and a variety of internal formats for different kinds of research. The first kind of internal format is likely to be a relatively simple ASCII file suitable for feeding in to external databases, spreadsheets, etc., for further manipulation. Other formats will be developed, together with some of the supporting statistical and other programs that are needed. Further details will be published in astrological publications as they become available.

FURTHER NOTES

The Part of Fortune and sidereal time are shown on most computers except where memory is short. Quintiles and latitudes are also usually shown.

On most disc-based computers the programs are being amended to allow the creation of a configuration file containing the system standards that you use. Thus the house system, aspects, orbs, etc., can be set up to suit your way of working - within certain limitations.

PLEASE NOTE THAT SINCE WE MAKE UP MANY PROGRAMS TO ORDER, YOU MAY HAVE MORE OPTIONS SHOWN THAN ARE PRESENT IN YOUR PROGRAM. THUS SPECTRUM PROGRAMS ALWAYS GIVE A MENU SHOWING WHEEL AND MINOR PLANETS, IRRESPECTIVE OF WHETHER YOU HAVE ORDERED THEM.

OTHER PROGRAMS

£12.50 *Midpoint Trees*

H I (C?)

Disc and printer only - A separate calculation program which will print out midpoint trees, sorted midpoints. Also gives cardinal, fixed, mutable sort and an aspectarian. As taught by the Faculty of Astrological Studies. This is NOT a standalone program and depends on the A1 routine.

£4/£5 *Remark Sorter*

B C H I S T E

Aids the writing of interpretations by accepting a large number of textual comments. These are then sorted into named categories and into the order required within each category. Very flexible but needs a printer. The disc version (£5) includes the facility to save the notes to disc (currently for H I T only).

£5 *I CHING*

B H I T

This uses the ancient Chinese method of divination which clarifies problems and helps decision-making; made simple by the computer. Gives the hexagrams plus brief interpretations selected from nearly 450 sentences stored in memory - with full on-screen instructions for use (not BBC).

£5 *Biorhythms*

H I S T

The Spectrum version produces the normal curves on the screen. In addition it has an interesting compatibility sections. Input the name and birth-date of one person and then enter the details of up to 14 other people at one time. The computer quickly calculates the mental, emotional and physical compatibility between the first person and all the 'partners'. The other version for Tandy, Apricot, IBM, Amstrad, etc., is printer only and does not include the compatibility section.

£4 Astrologer's Crown

S

An intriguing Adventure game based on astrology. Explore the signs and houses looking for hidden prizes. Few have won the crown!

£20 Handwriting Analyser

C H I S T B

This is a very powerful program which leads you through 60 different points connected with the writing and gives a trait-word interpretation based on the answers you have input. Comes complete with full instructions, including a beginner's guide to Graphology.
BBC disc ONLY

£16 Graphic Progressions Amstrad 8256/8512 ONLY

A novel way of showing Progressions conveniently. The program produces a large printed graph showing the actual movements of the planets and Angles as lines which cross to produce mutual aspects and aspects to natal chart. You can choose normal aspects or use any harmonic up to 60 for an in-depth examination. Up to 50 years progressions can be produced at a time (starting and ending at any age), giving a bird's-eye view of life-trends.

£16 Graphic Transits Amstrad 8256/8512 ONLY

Produces Transits in Graphical form similar to Graphic Progressions for any one complete year (see page 23).

The cost of the combined Graphic Progressions and Transits programs on the same disc is £24.

£11.50 Ephemeris print

H I T

This useful new program enables you to create your own Ephemeris showing the sidereal time and the planetary positions for the Sun to Pluto plus the Nodes. You can create both a midnight and noon ephemeris, in Ephemeris or Greenwich Mean Time, in the Tropical or Draconic Zodiac currently from 1890 to 2000. The printout will show either 2 letters or symbols, depending upon the capability of your printer.

When version 7 of the natal routines has been developed the restriction on date will be lifted thus giving you the opportunity to print out information for remote historical periods. In addition you will be able to create Sidereal versions.

£30 Hindu Astrology

B H I T

The program calculates the planetary positions according to the ancient Vedic system of astrology and gives such details as the Major Periods, Sub-Periods, Shadvargas, etc. Transits and Planetary strengths are also calculated and there is a 20 page booklet on Hindu/Vedic astrology specially written for Western Astrologers who may want to discover more about this subject.

£5 Mail Merge & Duplicate (Amstrad 8256/8512 only)

Nothing to do with astrology; not even a program, but a very useful

booklet for users of Locoscript which gives detailed examples showing how to merge and produce multiple copies using Locoscript.

FREE! A HARMONICS TUTORIAL PROGRAM

DISC only. Currently for the Amstrad 664/6128/8256/8512 and IBM. Calculates harmonic charts and comes with a 18 page manual which teaches you what Harmonics are, their meanings, how to calculate their strength, etc. Relates directly to the new Harmonics Chart Analysis module (page 9).

FURTHER DEVELOPMENTS

Many new developments are taking place and details of some are given below.

Progressions:- The One Degree Progressions routine is being replaced by Arc Directions. This works in a similar fashion except that you can put your own Arc in, be it one degree or whatever.

Tertiaries are also in the process of being put into the Progressions routines.

Huber programs:- There are various possibilities being explored for Huber-type programs (with the approval of Huber!), but it is too early to say yet when these will be ready.

Screen Wheels:- We hope to have these for the BBC, Amstrad 8256/8512 and IBM computers some time in 1987.

Plotter Routines:- There are various other PLOTTER routines such as biorhythms and Astrology of the I-Ching. These are available for the IBM, Commodore 64 and Amstrad computers. For further details please enquire.

Batch Input:- Routines which allow to specify what you wish to do with a series of charts before any processing takes place are due to be introduced shortly on the IBM and other suitable disc computers.

Negotiations are in progress with Astrolabe (Robert Hand & Co) whereby we may be able to sell certain of their programs in this country, notably for computers we are currently not able to fully support.

PORTABLE POCKET COMPUTER

Sharp now sell a 1403 pocket computer with nearly twice as much memory as the 1401 which we used to sell. The 1403 is the same size as the 1401, measuring less than 7 inches by 3 by 1/2, and runs on two 3 volt batteries or by mains adaptor. The current price of the 1403 is £70, the mains adaptor is £9. It can be connected to a printer/cassette interface costing £50 and measuring a mere 4.5 x 5.5 x 1 ins. (Unfortunately this printer is virtually unobtainable in this country at present). Can be powered by four 1.5 volt batteries or from the

mains and uses 2.3 ins wide thermal paper. The rolls of paper cost £4 for five. Postage for the computer is £3 extra. Prices for the two programs shown below are approximate only due to currency fluctuations and changes in specification. For more details please enquire.

Program 211-E Sun to Pluto, Placidus and Koch and aspects with fixed orbs (8 and 2 degrees) for the major and minor aspects. (about £28)

Program X-250-E is the most complete program for the 1403 and gives Sun to Pluto, Chiron, Isis, Placidus and Koch, Progressed charts, Transits, Midpoints, Synastry aspects, Composite charts, relations charts, Solar return time. This is about £80.

The accuracy of the positions for Sun to Mars natal longitudes is about 1 min, Jupiter to Pluto with 3-4 min on average. The planetary calculations take about 4 minutes and are displayed one at a time on the 1 line display. When the printer is connected the information is automatically printed out and the computer goes on to the next calculation.

Also available is a program giving the natal positions for Sun to Pluto as described above, Koch houses and dates according to Tad Mann's Life-Time Astrology. This costs £35.

For customers outside the UK please address all enquiries/orders to:-
Klaus Bonert, Peter Marquard Strasse 4a, D2000 HAMBURG 60 West
Germany. Tel 010-49-40-270-1908

ASTROTUTOR SERIES

* A unique self-teaching system using home computers *
For students, or for teachers who want to save time by
letting the computer help out.

ASTROTUTOR I Keywords

Teach yourself astrological interpretations at your own pace. Five simple-to-operate programs show meanings of signs, aspects, etc., and then test the user on his knowledge. Use as many times as you wish. Each program has a choice of two difficulty levels (simple keywords & more advanced keywords). You can practise daily or whenever convenient till you have a sound knowledge. All standard meanings covered. No calculations involved. Full instructions on use.

1 Planets £4 2 Zodiac £3 3 Signs £4 4 Houses £3 5 Aspects £7

Special price for all 5: £15

Available as separate programs for B D E M S. All 5 programs as a single program for C H I O T.

ASTROTUTOR II**Calculations and Techniques**

£5

Sidereal Time breakdown

B C D E H I S T

This enables a student to practise those calculations needed to work out the sidereal time, and to calculate the Ascendant and Midheaven. Gives a breakdown of the elements which go to make up the calculation in a the way that is shown on most work sheets. Uses either noon or midnight ephemeris and comes with a 12 page booklet giving lots of information and examples.

ASTROTUTOR III**Synthesis and Interpretation**

£30

Synthesis

B C D H I S T

Based on the revolutionary interpretation program "Starword", this teaches analysis, synthesis and interpretation all in one, guiding the user through the various necessary steps.

The program contains many options, allowing you to do as much or as little as you want, the computer doing the rest. It will also score you on whatever you attempt, so you can monitor your progress, just as in the other Astrotutor programs. But whereas these latter programs contain only 2 levels of difficulty, "Synthesis" has many levels, set entirely by your choice. Teaches how to assess the strength of aspects, planets, etc., and whether the positive or negative meanings are likely to apply. Is accompanied by a 20 page booklet giving lots of advice and full instructions as to how to use the program.

No less than 10 charts reside permanently in the memory, or you can enter a chart of your own. Resulting interpretations can be printed out for study or permanent record. An important point for beginners - and even busy professionals - is that the program can be left alone to work out a simplified trait-word interpretation all by itself. This can then be used as the basis for further study and a more complete interpretation.

Please note, this program does NOT use houses, only angles, planets, aspects and signs. Also with the BBC B, because of lack of memory, the data has to be read in separately from the program. So please specify whether you have a tape or disc system.

For disc users of the BBC, Tandy/Genie, Spectrum (microdrive), Commodore, Amstrad, CP/M and MSDOS computers, the synthesis program can be linked directly to the calculation program. This means that you can calculate a chart then call up the synthesis program to analyse and interpret it.

* INTERPRETATION PROGRAMS *

£20/28 Notepad (disc only)

I T

A separate program first enables the astrologer to build up a file of his own meanings for planets in signs, planets in houses, and the various aspects. This is then linked to the natal chart or other module so that these interpretations can be printed out as required for each chart. However, there is no weighting of the strength of planets, aspects, etc.

Version 2 of this program has been much extended and improved so that it is possible to direct the output to printer and/or disc, and the length of interpretations is limited only by the disc capacity. A useful *aid* to proper interpretation.

STARWORD

A computer program to interpret a natal chart

Starword is a unique computer program which accepts normal birthdata and 2 to 40 minutes later (depending upon your configuration) has finished printing out on paper a complete interpretation of the birthchart, running to about 5 pages of concise, but grammatically correct delineation, set out under logical headings such as Mentality, Career, Personal Relationships, and so on. It is unique because, unlike other computer programs which print out prepared paragraphs or phrases for each chart factor, regardless of the strength of that factor, Starword first analyses and measures the factor. Thus whereas most programs will always give you a meaning for a very wide Sun square Saturn, Starword will first assess the strength of that aspect and may discard it altogether if it is too weak to be of any significance. This evaluation is done for every planet and every aspect, and so on.

When all relevant chart sources have been evaluated, Starword performs its own synthesis and makes final judgements on over 600 traits, selecting verbal output from 11 different levels for each trait or trait-pair of opposites.

Finished output is pleasingly laid out, paginated, and suitable for delivery to clients.

Average time for printout using draft or emphasised quality print on most of the following computers is about 8 to 10 minutes:- Amstrad 8256/8512, Tandy TRS80/Genie, Apricot, IBM and compatible machines, the Commodore 3000/4000/8000 systems with dual disc drives and Epson or Commodore printers, and the Amstrad 464/6128 with DUAL disc drives. A BBC version is still under test.

The all-inclusive price of Starword is £300 plus VAT. For terms and conditions of sale please write to Astrocalc. For sample please use enclosed form.

TRANSITS FORECASTER

A text-printing program using Transits, which prints interpretations suitable for delivery to clients. Comes supplied with a text file, but you can edit all of this and create new text files. These can be used for different clients, depending upon their circumstances. Output can be to printer and/or disc for further personalisation. Uses all major aspects, and you can choose either the major planets (ie major trends), or all planets, or inner planets. Can choose from 1 month to 5 years and there are many other personal options. Text file supplied produces about 7 pages for 12 months major trends in about 8 to 10 minutes on most computers.

For the Amstrad 8256/8512 (NOT 664/6128), IBM and compatibles, Apricot, Tandy TRS80/Genie and should work on most other 8 bit Z80 disc-based machines which use MBASIC. All inclusive cost is £100 plus VAT. Please use enclosed form for sample output. Price for Starword and Transits Forecaster if both bought is £360 plus VAT. For terms and conditions please enquire.

CHARTMASTER

A MAJOR NEW DISC-BASED PROGRAM
Automatic Interpretation - Facilities for personalisation
Powerful Research Tool

CHARTMASTER is the child of STARWORD and SYNTHESIS giving you the comprehensiveness of STARWORD and the speed and brevity of SYNTHESIS. Plus its very own flexibility!

Simply enter birthdata and Chartmaster prints out a series of traitwords plus an indication of strength. Users can write up their own full report from this. The program itself is supplied with 350 trait-word combinations, but you can alter or extend this number almost indefinitely. In addition you can create your own interpretation systems by controlling which house system you use, which aspects and orbs, the way you define the strength of planets, the relative strengths of signs, houses and aspects, the inclusion of harmonics charts, and so on. And the number of systems you can devise is unlimited, which is why it is such a powerful research tool. Furthermore, you can output the results to the printer and/or as an ASCII disc file and then edit them using a word-processor, thus producing a unique, personalised printout for clients.

There are 2 versions of Chartmaster. Version 1 is a standalone program complete for £72.50. Version 2 links in with any existing Astrocalc program, thus enabling you to set up interpretation systems for harmonic, progressed and other charts. This version costs £60. Both versions are supplied on separate discs from any other Astrocalc programs.

For the Amstrad 8256/8512, Amstrad 6128/664, Apricot, IBM and compatibles, Tandy TRS80/Genie, BBC B. Work has commenced on a Commodore 64 version which we hope to have ready by end of 1987.

CHARTMASTER Analysis FOR A N OTHER using SYSTEM 0

===== GENERAL CHARACTER =====

RESTLESS
 VERY INDEPENDENT
 HIGHSTRUNG
 CONFIDENT
 VERY COURAGEOUS
 COMPETITIVE
 SLIGHTLY UNCONVENTIONAL
 FREEDOM-SEEKING
 VARIETY LOVING
 ESCAPIST
 HAS INITIATIVE
 IMPATIENT
 IMPULSIVE
 ENERGETIC
 VERY QUICK-ACTING
 OPEN IN ACTIONS
 UNPREDICTABLE
 SLIGHTLY VERSATILE
 EMOTIONAL
 APT TO EXPRESS FEELINGS
 OUTER IMAGE: MAGNETIC

Other Sections include:-

MENTALITY
 COMMUNICATIONS
 CAREER
 SOCIAL RELATIONSHIPS
 LOVE & MARRIAGE
 DOMESTIC MATTERS
 LIFE ATTITUDE

The above is merely *the first section* of a Chartmaster printout using the System 0 and Trait file 0 that are supplied with the program. There are, in fact, about 350 different trait pairs in Trait file 0 and the program operates in detecting 9 different levels from one extreme to the other. *But it must be stressed that the Trait file 0 is simply the one that is supplied with the program and you are free to create any number of other Trait files, each one containing whatever information you wish.* Most traits will be pairs of opposites but you can also create lists of alternatives (e.g. in choice of career).

However, as the output can be to disc, further editing can take place using a word processor. You can therefore build up a library of client information and detailed reports.

Because of the nature of Chartmaster, it is possible to translate the output into other languages (this can also be done with the Handwriting Analysis and Forecaster programs). Such translation is not possible with Starword.

Standards and Symbols

With the Amstrad 8256/8512 and the Spectrum the correct astrological symbols can be shown on the screen and printed. The same is true for the ORIC, except that when printing the symbols are translated back to the 2 letter abbreviations shown below. With other computers we normally use 2 letters for the planets and signs, but various graphics symbols are used to depict the aspects.

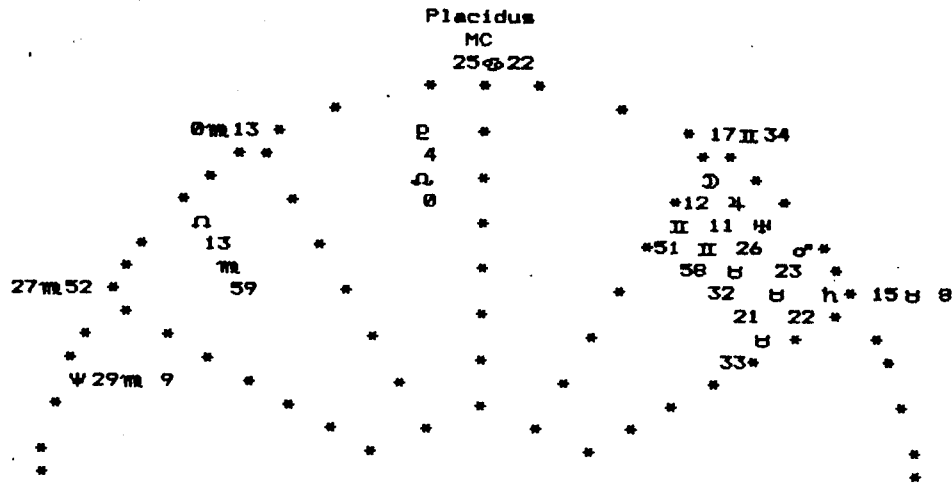
SO	Sun	AR	Aries	C	Cardinal
MO	Moon	TA	Taurus	F	Fixed
ME	Mercury	GE	Gemini	M	Mutable
VE	Venus	CN	Cancer	F	Fire
MA	Mars	LE	Leo	E	Earth
JU	Jupiter	VI	Virgo	A	Air
SA	Saturn	LI	Libra	W	Water
UR	Uranus	SC	Scorpio		
NE	Neptune	SG	Sagittarius		
PL	Pluto	CP	Capricorn		
NN	North Node	AQ	Aquarius		
AS	Ascendent	PI	Pisces		
MC	Midheaven				
VX	Vertex				
TN	True Node				
CH	Chiron				
CE	Ceres				
PA	Pallas				
JO	Juno				
VA	Vesta				
IS	Isis/Transpluto				
EP	East Point				
PF	Part of Fortune				

Aspect symbols will vary slightly from computer to computer. Those shown below for the Genie/Tandy/Dragon/ZX81, the Commodore, 80 column and the BBC ranges.

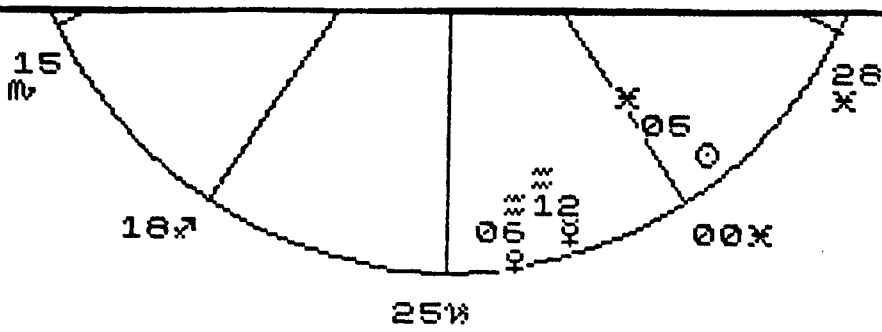
DEG	ASPECT	SYMBOLS				ORB
		BBC	C64	Dragon	80 col	
0	Conjunction	=	=	=	CNJ	8
180	Opposition	%	%	♆	OPP	8
120	Trine	T	∩	♁	TRI	8
90	Square	S	⊥	♁	SQU	8
60	Sextile	*	*	*	SXT	6
150	Inconjunct	I	I	I	QCX	2
45	Semi-square	<	<	<	SSQ	2
30	Semi-sextile	V	V	V	SSX	2
135	Sesquiquare	>	>	>	SES	2
72	Quintile	Q	Q	q	QUI	2
144	Biquintile	B	B	BQ	BQU	2
0 Dec	Parallel	P	P	"	PAR	1
0 N/S	Counterparallel	#	p	#	CPL	1

Please note that the Minor planets, East Point, Part of Fortune, Quintiles and Biquintiles are not standard items.

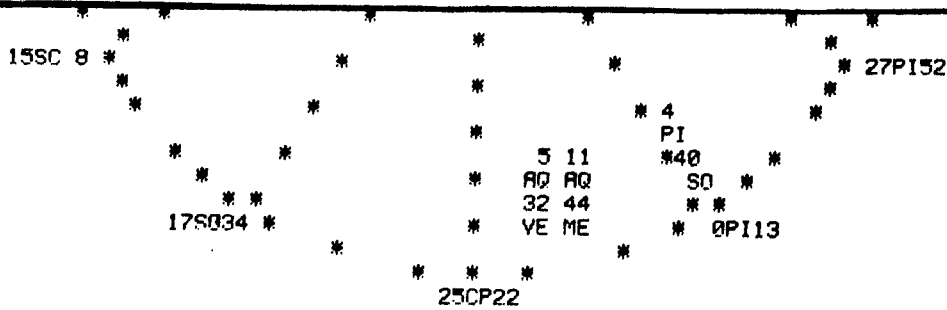
Natal Chart for
Colin Miles
born in Cheltenham
on 23 Feb 1942 at 10.45 pm



AS 19△ 9 Symbols Chart Wheel - Epson FX80 and compatible printers * 19γ 9



Spectrum Chart Wheel using an Epson FX80 printer and the Euroelectronics ZX LPRINT interface



2 letter chart wheel capable of being produced by most computers using dot-matrix or daisy-wheel printers

NATAL CHART FOR A N OTHER

GMT 12 0 DATE 6 6 1966 LAT 55 5 N LONG 2 2 E

```

===== KOCH ===== ASPECTS =====
SO GE 15 20 9 M A SO biq MO2 SO squ+ UR0 SO squ+ PL1 SO squ AS6
MO CP 23 7 4 C E SO cnj MC2 MO sxt+ SA6 MO tri UR8 MO sxt NE3
ME GE 27 26 10 M A MO tri PL7 MO tri AS2 MO biq MC0 MO tri NN1
VE TA 6 39 8 F E ME squ+ SA1 ME biq NE1 ME squ AS7 VE sxt MA1
MA GE 6 6 9 M A VE sxt JU0 VE ses AS1 MA sxt+ JU1 JU squ SAB
JU CN 6 36 10 C W JU ses NE1 SA opp AS8 SA sxt NN4 UR sxt+ NE5
SA PI 28 41 7 M W UR cnj+ PL0 UR cnj AS5 UR squ MC2 NE sxt+ PL4
UR VI 15 34 12 M E NE sxt AS1 NE opp NN4 PL cnj AS5 PL squ MC2
NE SC 20 9r 3 F W SO par JU1 MO cpl ME1
PL VI 15 50 12 M E
AS VI 20 55 1 M E
MC GE 17 34 10 M A
NN TA 24 22r 9 F E
TN TA 25 27 9 F E
VX PI 9 10
PF AR 28 42
EP LI 5 41
    
```

S/T = 5 5 56

2 LI 19 22 3 SC 17 36 11 CN 23 52 12 LE 22 38

PROGRESSIONS FOR A N OTHER

GMT 12 0 DATE 6 6 1985 AGE 19 PROG DATE 25 6 1966

```

===== KOCH ===== MUTUAL ASPECTS =====
SO CN 3 29 10 C W SO squ+ MO1 SO squ AS0 MO cnj AS1 ME sxt+ VE0
MO LI 2 44 1 C A ME tri+ SA1 VE sxt+ SA1 SO par MA0
ME CN 28 28 11 C W ===== PROG TO NATAL =====
VE TA 28 51 9 F E ME tri+ SA0 VE sxt SA0 ME par MA0 NN tri MO0
MA GE 19 20 10 M A NN cnj NN1
JU CN 10 50 10 C W ===== LUNAR ASPECTS =====
SA PI 29 28 7 M W cnj ASP 7 squ MCP 7 squ JUP12 tri MA 8
UR VI 15 57 12 M E squ JU 9 tri SO 4 tri MC 6
NE SC 19 45r 3 F W
PL VI 16 2 12 M E
AS LI 3 30 1 C A
MC CN 4 47 10 C W
NN TA 23 21r 9 F E
TN TA 24 58 9 F E
VX AR 8 8
PF CP 2 45
    
```

2 LI 19 22 3 SC 17 36 11 CN 23 52 12 LE 22 38

TRANSITS FOR A N OTHER

DATE? 16,8,86

MONTHS/DAYS? 4

SPEED (1,2)? 1

```

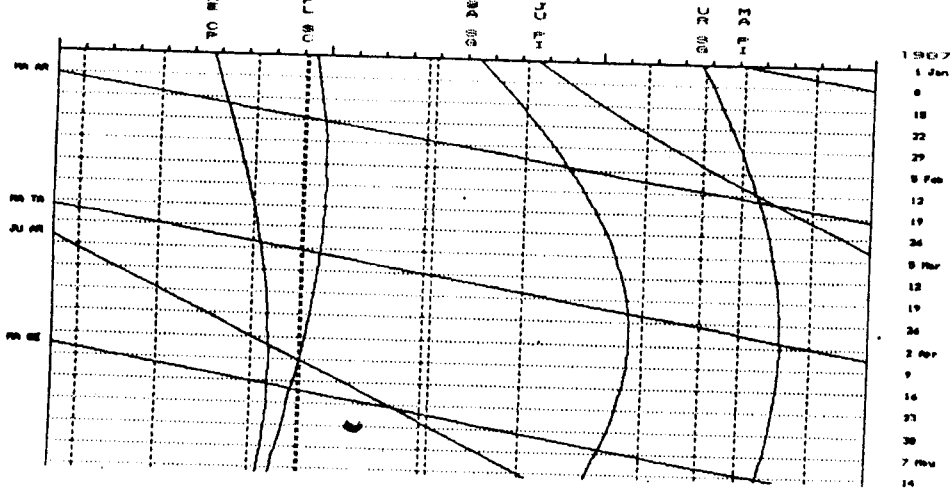
=====
23 8 JUr tri NE 17 8 JUr opp AS 13 9 JUr squ MC 25 9 MA cnj MO
29 9 JUr opp UR 27 9 JUr opp PL 1 10 JUr squ SO 8 10 SA opp MA
14 10 PL opp VE 13 10 PL tri JU 16 11 UR squ AS
    
```

IBM/Apricot and other 80 column printouts

NATAL POSITIONS:

ASCENDANT: 09 03
 OBITU: 02
 MUNDI: 03
 SUN: 02
 MOON: 02
 MERCURY: 02
 VENUS: 02
 MARS: 02
 JUPITER: 02
 SATURN: 02
 URANUS: 02
 NEPTUNE: 02
 PLUTON: 02

Starting Signs of Planets:



NATAL CHART FOR ANYONE

GMT 6 6 DATE 3 5 1965 LAT 53 54 N LONG 3 5 W

PLACIDUS				ASPECTS															
♈	12 36	12	FE	♈	♂	♀	6	♈	♂	♂	3	♈	♂	♂	2	♈	♂	♂	2
♉	5 45	12	MA	♈	♂	♂	6	♈	♂	♂	1	♈	♂	♂	6	♈	♂	♂	4
♊	16 28	11	CF	♈	♂	♂	3	♈	♂	♂	5	♈	♂	♂	1	♈	♂	♂	2
♋	18 7	12	FE	♈	♂	♂	1	♈	♂	♂	1	♈	♂	♂	2	♈	♂	♂	0
♌	9 46	5	ME	♈	♂	♂	1	♈	♂	♂	1	♈	♂	♂	3	♈	♂	♂	7
♍	2 25	12	MA	♈	♂	♂	1	♈	♂	♂	4	♈	♂	♂	7	♈	♂	♂	5
♎	14 46	11	MA	♈	♂	♂	1	♈	♂	♂	4	♈	♂	♂	6	♈	♂	♂	6
♏	10 48r	5	ME	♈	♂	♂	5	♈	♂	♂	4	♈	♂	♂	4	♈	♂	♂	1
♐	18 48r	6	FM	♈	♂	♂	1	♈	♂	♂	1	♈	♂	♂	3	♈	♂	♂	5
♑	13 48r	5	ME	♈	♂	♂	5	♈	♂	♂	5	♈	♂	♂	2	♈	♂	♂	1
♒	15 31	1	MA	♈	♂	♂	2	♈	♂	♂	0	♈	♂	♂	0	♈	♂	♂	1
♓	6 57	10	FA	♈	♂	♂	0	♈	♂	♂	1	♈	♂	♂	0	♈	♂	♂	1
♈	15 36r	12	MA	♈	♂	♂	1	♈	♂	♂	1	♈	♂	♂	1	♈	♂	♂	1
♉	14 1	12	MA	♈	♂	♂	1	♈	♂	♂	1	♈	♂	♂	1	♈	♂	♂	1
♊	2 23																		
♋	8 39																		
♌	11 47																		

S/T = 20 37 25 2 ♄ 3 19 3 ♄ 19 3 11 ♃ 2 25 12 ♃ 16 43

HOW TO ORDER

Apart from the Apple II, CP/M and MSDOS computers, programs are normally supplied on cassette; but disc/micro-drive versions can be supplied for the Amstrad, BBC, Commodore, Tandy TRS80/Genie and Spectrum computers. These are £4.00 extra for the 3 inch Amstrad and 3.5 inch Apricot and Spectrum, £2 for the Spectrum microdrives and the other 5.25 inch disc formats.

Most program combinations (eg all Amstrad programs plus the Astrotutor programs) will go onto 1 disc. For Chartmaster and Graphic Progressions, which are disc only, the disc is included in the price. BBC discs are 40 or 80 track single-sided, single density. Tandy/Genie, CP/M and MSDOS can be almost any single sided 5.25 inch disc format. Backup copies can be provided for £5 on cassette, or £5 + disc fee. If purchased at a later date the backup will normally contain any improvements.

No postage if GB or Eire. Overseas customers should add £5 if unable to pay in sterling and £1.00 for Postage in Europe, £3 for other areas. Please add £1.00 if registered delivery required, or £1.50 for express (but please not both)

Payment by Access, Visa or with order either by cheque to C S Miles (Barclays Bank account no 50663263) or by Giro to account number 386229805 (C S Miles). Write, describing programs or modules required and naming your computer exactly; also model of printer if any.

Where you are adding to an existing program, the cost is the price of the new modules plus a £5 updating fee. Thus if you have the A1 program (£18), and decide you would now like the A2 (£33), the price is £20 (£33 - £18 + the £5 update). Any improvements/corrections/amendments will automatically be done to your existing program, so it is not normally necessary for you to send your old program back. However, we reserve the right to ask you to do this and in some cases, where individual amendments have been made, it assists us greatly if you do send the old program back. Changing computers is treated as an update - see Additional Modules page 6.

Orders are normally sent out within a few days but **PLEASE ALLOW 2 WEEKS FOR DELIVERY**, or more if specific alterations are being carried out for you. *We will be closed for holidays from about the 20th July to the 14th August and the 23rd December to the 4th January.*

We continually update and improve our programs. To keep our customers informed of these improvements and any new developments, we issue newsletters. These will *only* be sent out when there are sufficient improvements/new modules to warrant updating or adding to existing programs.

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