

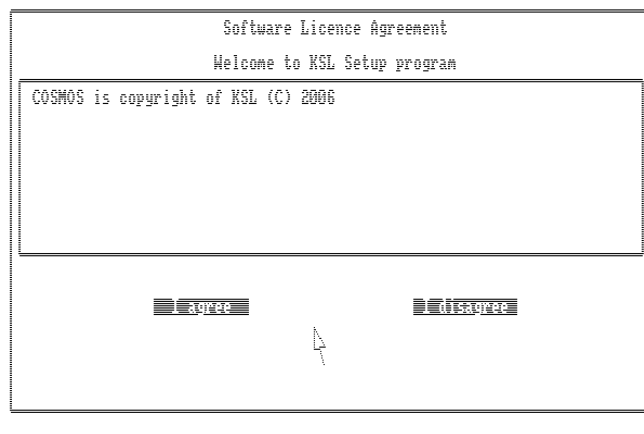
COSMOS v.20

General

COSMOS is a Personal Cost Monitoring System designed for the Amstrad CPC range machines. It has been developed by a Greek CPC freak, KSL (Dimitrios Karalis). COSMOS aims at providing an efficient tool for all the CPC freaks around the world and at making the CPC a useful computer for everyday use.

Installation

Insert COSMOS original disk in drive A: of your CPC and boot CP/M. COSMOS original disk contains the extended version of CP/M 2.2 released by Dobbertin Industrie Elektronik GmbH (v 1.2) that allows for 63 kB TPA. After CP/M has been loaded, type A>SETUP to continue with the installation. Installation will take a few minutes to complete.



COSMOS Installation Module

You can install COSMOS in your external drive B: or in any partition of your CPC Hard disk. For the user convenience, a demo version can be installed so that the user can get familiar with the software modules. Cursor keys or mouse can be used in order to navigate through the installation options.

Execution

After the installation has been successfully completed, you are ready to run COSMOS. Move to the destination drive (e.g. B:) and edit B>COSMOS. There are three execution modes a) Standard mode b) Advanced mode and c) Restart mode. You can select Standard or Advanced mode using your mouse pointer. If you click on the right mouse button you can Restart an unfinished analysis.

In Standard Mode, input and output are performed by accessing the data from the floppy disk in-situ.

In Advanced mode, the total annual project is loaded in RAM expansion. Thus the processing speed increases dramatically and data save is optional. Advanced mode requires at least +256 kB of additional RAM and is not supported for 128 kB RAM machines.

Restart analysis can be used in case of an I/O error or in case of a user break. Furthermore, if running in Advanced mode (thus all project data remain in RAM expansion), the user can quit without saving, run some other applications (e.g. ProText/ProWort, CPC-Word, Mini Office II) and then continue his unfinished analysis by restarting COSMOS.

Main modules

The main screen provides the basic tools for cost monitoring.

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@KSL                                COSMOS Main                                2000
CST JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC SUM TLS X

```



COSMOS Main screen

At the beginning of the annual project, the user must edit his constant or periodical income or expenses by clicking on CST option.

COSMOS Constants				2008
DAY	DATE	INCOME	EXPENSES	COMMENTS
#10	10 JAN	68.00	87.00	Taxes, Tolls, Food.
#41	10 FEB	27.00	47.00	Cheques and rents..
#70	10 MAR	49.00	88.00	See 2007 attachment
#101	10 APR	35.00	71.00	Cheques and rents..
#131	10 MAY	23.00	21.00	Cheques and rents..
#162	10 JUN	78.00	67.00	mobile phone and ..
#192	10 JUL	21.00	1.00	Buy ROMS for CPC...
#223	10 AUG	4.00	77.00	Tickets, Cigars....
#254	10 SEP	10.00	38.00	Cigars.....
#284	10 OCT	21.00	66.00	Buy ROMS for CPC...
#315	10 NOV	18.00	3.00	Cigars.....
#345	10 DEC	72.00	1.00	See 2007 attachment

Modify the above data ?

COSMOS Constant module (editing 10th of each month)

All other expenses (or income) are specified by editing the cost matrix of each month (from JAN to DEC). There is space for up to 10 sequential inputs plus a text comment for each day.

COSMOS Month Processor				2008
DAY	DATE	INCOME	EXPENSES	COMMENTS
#297	23 Th	46.00	10.00	mobile phone and ..
#298	24 Fr	4.00	76.00	See 2007 attachment
#299	25 Sa	92.00	18.00	Insurance.....
#300	26 Su	4.00	23.00	See 2007 attachment
#301	27 Mo	21.00	6.00	Buy ROMS for CPC...
#302	28 Tu	29.00	30.00	Cheques and rents..
#303	29 We	45.00	65.00	ickets, Cigars....
#304	30 Th	80.00	84.00	ickets, Cigars....
#305	31 Fr	31.00	45.00	Taxes, Tolls, Food.

Modify the above data ?

Income: 1405.00, Expenses: 1317.00 and 88.00

COSMOS Month Processor (October, 2008)

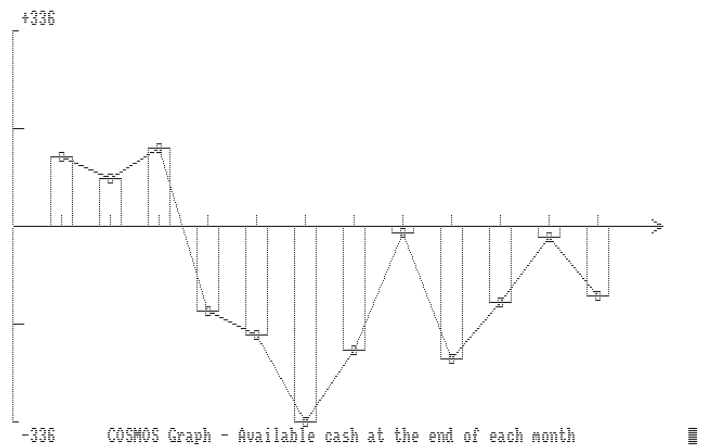
The SUM module will calculate your available cash any time of the year. Thus the user can easily plan his expenses in order to avoid negative cash and to maximize his profit. The SUM module will also export a full review text file for further post processing using Amstrad CPC or Microsoft Excel. This review file will also stamp your directory with the annual project.

total income	total expenses	Cash available	Day	Day	Day
3982.00	3974.00	8.0000	MAR	21	#81
4067.00	4058.00	11.0000	MAR	22	#82
4104.00	4075.00	29.0000	MAR	23	#83
4168.00	4112.00	56.0000	MAR	24	#84
4228.00	4192.00	36.0000	MAR	25	#85
4317.00	4221.00	96.0000	MAR	26	#86
4336.00	4250.00	86.0000	MAR	27	#87
4361.00	4250.00	111.0000	MAR	28	#88
4384.00	4310.00	74.0000	MAR	29	#89
4466.00	3683.00	-107.00	MAR	14	#74
3681.00	3723.00	-122.00	MAR	15	#75
3681.00	3731.00	-50.00	MAR	16	#76
3683.00	3758.00	-69.00	MAR	17	#77
3764.00	3837.00	-73.00	MAR	18	#78
3857.00	3892.00	-35.00	MAR	19	#79
3899.00	3967.00	-68.0000	MAR	20	#80

24.3%

COSMOS SUM module – Annual processor

2D-Graphs and facilities for the printer and serial interface are also supported.



COSMOS 2D graph

```

CP/M 2.2 - Amstrad Consumer Electronics plc
v 1.2, 63K TPA, 444K RAM-drive C:

A>dir
A: SETUP COM : HISTORY TXT
B>:
B>dir
B: MODULE MTR : MODULE0 CHN : MODULE1 CHN : MODULE2 CHN
B: MODULE5 CHN : MODULE4 CHN : MODULE11 HLP : MODULE10 CHN
B: MODULE3 CHN : COSMOS COM : MODULE12 HLP : MODULE13 HLP
B: MODULE6 CHN : MODULE7 CHN : MODULE AGD : MODULE8 CHN
B: MODULE9 CHN : MODULE14 CHN : MODULE INI : MODULE RSD
B: MODULE SRL : MODULE NMD : MODULE CFG : MODULE $$$
B: 2008 TXT
B>

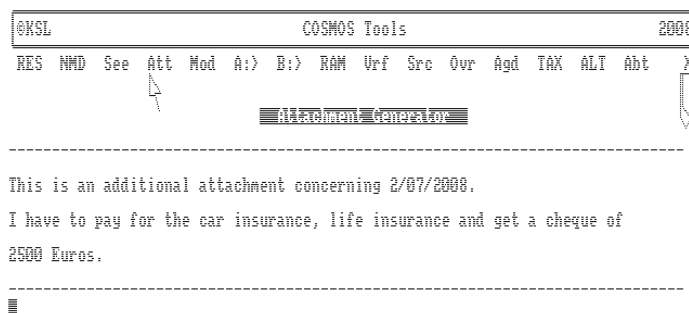
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Annual project of 2008 (see review file 2008.txt)

Additional Tools

For more efficient cost monitoring, COSMOS provides additional tools. These are the residual module, the Name – day generator, the attachment editor, the net profit calculator, the search module, the overview module, the agenda module, the taxation module, the alert module and a few modules that deal with the CPC memory resources.

Residual module can be used in order to modify the cash residual of the last year, edited during installation. The Name day generator will create the day names matrix (Mon..Sun) for all days of your annual project. Attachment editor is a Notepad – like editor and can be used in order to edit additional comments beyond the comments edited for each day.



COSMOS Tools, running Attachment generator

The net profit calculator will calculate your net profit without taking into account the cash residual of the previous year. Search module will look for specific costs edited in your cost matrix and will calculate the total expenses concerning a specific cost (e.g. Car Fuel or Ebay). Overview module provides the ability to directly access all your annual project and to edit your daily agenda.

```

@KSL          COSMOS OverView          2008
0            1            2            3
1234567890123456789012345678901X JAN
123456789012345678901234567890 FEB
1234567890123456789012345678901 MAR Day #123 Mo 3
123456789012345678901234567890 APR Demo:1483
1234567890123456789012345678901 MAY Demo:1484
123456789012345678901234567890 JUN Demo:1485
1234567890123456789012345678901 JUL Demo:1486
1234567890123456789012345678901 AUG Demo:1487
123456789012345678901234567890 SEP Demo:1488
1234567890123456789012345678901 OCT
123456789012345678901234567890 NOV Modify the above data ?
1234567890123456789012345678901 DEC Notes:
0            1            2            3
>
> Meet John
Income:4.00 >
Expenses:59.00 > Amstrad ROM ROM
Comments:Insurance.....
  
```

Right click for Month processor - Left click for Agenda

COSMOS Overview and Agenda editor

```

@KSL          COSMOS Agenda          2008
Demo:745          Demo:751          Demo:757
Demo:746          Demo:752          Demo:758
Demo:747          Demo:753          Demo:759
Demo:748          Demo:754          Demo:760
Demo:749          Demo:755          Demo:761
Demo:750          Demo:756          Demo:762
Day #124 Su 4 MAY Day #126 Mo 5 MAY Day #127 Tu 6 MAY

Demo:763          Demo:769          Demo:775
Demo:764          Demo:770          Demo:776
Demo:765          Demo:771          Demo:777
Demo:766          Demo:772          Demo:778
Demo:767          Demo:773          Demo:779
Demo:768          Demo:774          Demo:780
Day #128 Tu 6 MAY Day #129 We 7 MAY Day #130 Th 8 MAY

Day #125
  
```

COSMOS Agenda

Taxation module calculates the amount of tax return depending on your net annual income, expenses and taxation factors. Finally, the Alert module will keep an alert eye on the profit of a specific day.

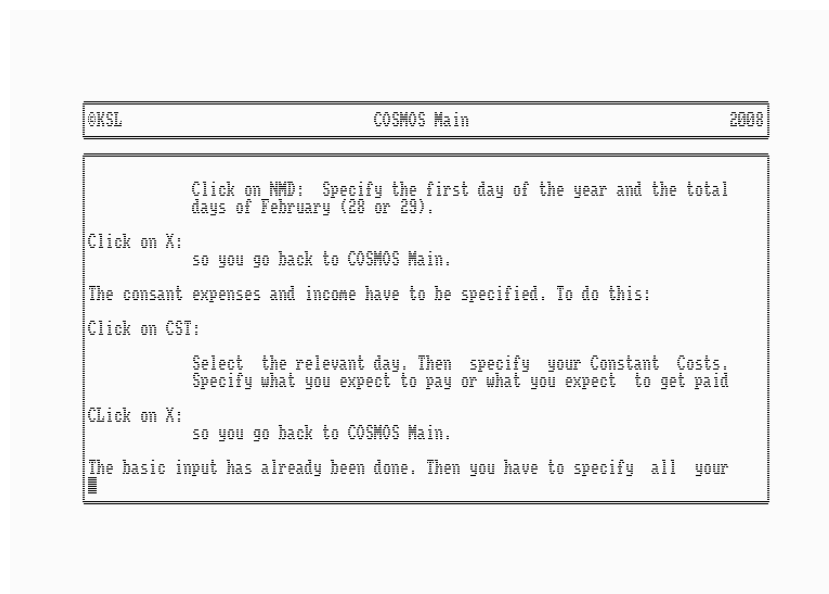
Multiple Annual Projects

You must re-install the software for each annual project. If you have a large capacity disk drive (720–800 kB) you can move each project to the relevant directory user (project of 2008 in user 8, etc). Thus you can keep a few annual projects on the same disk. If you have a lot of RAM expansion you can run different annual projects at the

same time in Advanced mode. COSMOS requires minimum 162 kB of disk space and min 110 kB of RAM expansion for each annual project. User attachments are not included in this.

GUI

COSMOS Graphic User Interface provides mouse support in order to facilitate user selections. A color screen saver is also activated when necessary. On board help is also supported.



COSMOS On board help

Performance

COSMOS is very stable and fast. Speed decreases as you fill in the cost matrices. If your Amstrad is fully upgraded (+512 kB, 720 kB external drive, Mouse, HD) you get the feeling of working with an IBM Compatible like PC1512 or PC1640.

Feedback

Feel free to contact KSL for any question or suggestion.