



PSP SreadSheet v.2.00 by pucelano

User manual

Cells movements

To move across cells use arrows    .

The spreadsheet is limited to 26 columns (A to Z) and 100 rows (1 to 100).

Secondary menu

To entry secondary menu *Cut-Copy- Paste-Delete*, press . Select option with arrows and make your choice pressing . To exit press .

Edit cell

To edit active cell, press . Automatically edition cell line will be activated. To edit cell, press  again. *Danzeff* keyboard will be open. When the cell is edited, press  to validate and exit.

Cell format menu

To edit format cell press , and  one time. You'll be in cell format menu. Select option pressing  and . To exit cell format menu press .

Cell format menu has this options:

- **Font.** To select font. Press  to change font.
- **Size.** To change font size. Press  to increase and  to decrease size.
- **Bold.** To select bold. Press  to change.
- **Color.** To choose font color. Press  to change color.
- **Dec.** To set the number decimals to show, rounding the number. If “No” is select, number will be show without decimals control. Press  to increase and  to decrease decimals number.
- **Alin.** To choose text alignment in cell: Left, Centred, or Right. Press  to select alignment method.
- **Overwr.** To overwrite cell text in adjacent cells. Press  to change.

Main menu

To enter in main menu, press , and follow press  twice. Main menu has these options:

- **File.**
 - **New.** Open a new spreadsheet. Ask if save actual spreadsheet.
 - **Open.** Open one existing spreadsheet. Folder “Datos” files are showed.
 - **Save.** Save spreadsheet with actual name.
 - **Save as.** Save spreadsheet asking for a name.
 - **Import.** Import a txt file with tabulations. Compatible with *Excel*.
 - **Export.** Export a txt file with tabulations. Compatible with *Excel*.
 - **Print.** Save screenshot in *MemoryStick*, *PNG* format.
- **Edition.**
 - **Cut.** Cut active cell in memory.
 - **Copy.** Copy active cell in memory.
 - **Paste.** Paste memory in active cell.
 - **Delete.** Delete active cell.
- **Insert.** (No active).
- **Format**
 - **Column Width.** Allows modify columns width. Press  to increase and  to decrease cell width.
 - **Row Height.** Allows modify rows height. Press  to increase and  to decrease row height. (No active).
- **Options**
 - **Language.** Allows select language (Spanish or English).
 - **Gridlines.** Show or hide gridlines.
 - **Activate USB.** Turn on-off the USB connection.
 - **Default config.** Open window to modify spreadsheet default configuration. Changes are made when application is opened and when a new spreadsheet is opened. The parameters that can be configured are the following ones:
 - **Language.** Allows select language.
 - **Gridlines.** Show or hide gridlines.
 - **Activate USB.** Turn on-off the USB connection.
 - **Font.** To select font.
 - **Size.** To select font size.
 - **Bold.** To select bold.
 - **Color.** To choose font color.
 - **Decimals.** To indicate number decimals to show.
 - **Alin.** To choose text alignment in cell.
 - **Overwrite.** To overwrite cell text in adjacent cells.
 - **Column Width.** To select columns width.
 - **Row height.** To select rows height.
 - **Num. Columns.** To select number of columns in sheet.
 - **Num. Rows.** To select number of rows in sheet.
 - **Save.** To save changes in configuration file.
 - **Cancel.** To exit without save changes.
- **Help**
 - **Help.** Show *quick help* window.
 - **About.** Show *about* window.

Mathematical integrated functions

His functioning is identical to those of Excel, so much to be employed at Spanish language as in English. Remember this: in English the dot “.” is used as decimal divider, and in Spanish the comma “,”.

Spanish	English
SENO(x)	SIN(x)
COS(x)	COS(x)
TAN(x)	TAN(x)
ASENO(x)	ASIN(x)
ACOS(x)	ACOS(x)
ATAN(x)	ATAN(x)
ATAN2(x)	ATAN2(x)
SENOH(x)	SINH(x)
COSH(x)	COSH(x)
TANH(x)	TANH(x)
RAIZ(x)	SQRT(x)
POTENCIA(x;y)	POWER(x,y)
PI()	PI()
ABS(x)	ABS(x)
LOG(x)	LOG(x)
LOG10(x)	LOG10(x)
GRADOS(x)	DEGREES(x)
RADIANES(x)	RADIANS(x)
EXP(x)	EXP(x)
ENTERO(x)	INT(x)
MAX(x;y;...)	MAX(x,y,...)
MIN(x;y;...)	MIN(x,y,...)
RESIDUO(x;y)	MOD(x,y)
SUMA(x;y; A1:C3)	SUM(x,y,A1:C3)

Screenshot

If you press  without any menu activated, one screenshot is saved in *MemoryStick*, in *PNG* format. Picture is saved in folder *\PSP\PHOTO\PSP-SpreadSheet* so that it is possible to see from the menu *Image* of the PSP.

How to export a file from EXCEL to PSP SpreadSheet

PSP SpreadSheet can import *.txt* files created with *EXCEL*.

To export one *.txt* file from *EXCEL*, valid to **PSP SpreadSheet**, you must take these steps (these indications are valid for *Excel v.2003*, in another version it can change the process):

- Make sure that the cell A1 in the sheet of EXCEL contains some data.
- In *Tools* menu select *Options*. Select *View* tab. Activate *Formulas*. Accept to exit.
- In *File* menu select *Save as*.
- Select *Save as type: Text (tab delimited)(*.txt)*. Press *Save*. Press *Accept*. Press *Yes*.

Note 1: Only there is exported the content of the cells, not the formats.

Note 2: **PSP SpreadSheet** admits a maximum of 26 columns and 100 rows, for what the *.txt* created with Excel with a major number of rows or columns will be truncated by PSP SpreadSheet automatically.

How to import in EXCEL a .txt file created with PSP SpreadSheet

The files .txt created with *PSP SpreadSheet* can be opened in EXCEL.

To open in EXCEL a file .txt created with PSP SpreadSheet you must do the following thing:

- In Excel *File* menu press *Open...*
- Select *Files of type: Text files (*.prn; *.txt; *.csv)*
- Look for the file .txt in the folder where it is kept and press *open*.
- Select *Delimited* option and press *Next*.
- Activate check box *Tab* and press *Next*.
- Press *Finish*.

Default Configuration

Sheet default parameters are saved in configuration file.

The file is named *config.txt*.

Default configuration establishes the format of all the cells and the different options when the application is opened, and when a new sheet is opened. So that the modifications of the default configuration are applied it is necessary to record the changes before going out of the screen of configuration.

In the format of the cells we indicate the font, size, bold, color, decimal, alignment and overwrite.

The rest of options are the language, visualization of gridlines, activation of USB, width of the columns, height of rows (even not variable), number of columns and number of rows of the sheet.

It is convenient to use the minor possible number of columns and rows, since to major number of these the spreadsheet will work with minor fluency. If as soon as a sheet was created, we see that it is necessary to increase the number of lines or rows, you can do it of the following form: Save default configuration with new columns and rows number. Open file to modify. Save the file. Open again the file. Nevertheless, if it has a default configuration with a low number of columns or lines that the file of work, on saving the file, will never diminish his number of lines or columns, to avoid an accidental loss of information.

Meaning of error messages

- **#** : The text does not fit in the cell.
- **#Error1#** : Error in the formula.
- **#Error2#** : SUM function error.
- **#Error3#** : Infinite result of operation (for example: 5/0).
- **#Error4#** : Indefinite result of operation (for example: 0/0).
- **#Error5#** : Refer to the proper cell.

For more information, questions and updates visit the WEB: pucelano-psp.iespana.es