

About StarPilot-86 Software Installation

You have here a full working version of the StarPilot-86 software. This is software for a TI-86 calculator.

PLEASE NOTE: if you have obtained the program and these notes from an Internet download, we ask that you install the product in your calculator and obtain your CODE as described below before making the actual purchase from StarPilot. We do not offer tech support for calculator installations of downloaded calculator software.

To load this software into your calculator

(1) Have the appropriate TI software (GraphLink-86) and cable (from TI or StarPilot) to load it from your computer into your TI-86 calculator. For PC computers running on Windows 95, 98 or NT, the software is called TI-Graphlink-86; it is a TI product discussed further below. The cable can be one from TI or the custom one produced by StarPilot for Windows installations. For installation from Macintosh, you need the TI-GraphLink Combo product, which works for both Macs and PCs. Either is available from StarPilot or TI directly.

(2) Purchase, or have purchased, the license to run the program from StarPilot or other authorized reseller. The purchase will include a valid serial number required to register the software. You can purchase by phone (865-379-8723), fax (865-681-5017), or online at starpilotllc.com. Several leading navigation equipment suppliers worldwide also have the StarPilot software for sale and a purchase from them will include the required Serial Number.

(3) Register the software with StarPilot, at which time they provide the numeric KEY that unlocks the program in your particular calculator (the procedure is given below). You can register online automatically, or by phone, fax, or email. Note you must run the program once in your calculator to obtain the CODE. Note that the program is not interchangeable between different TI-86 calculators. If you load it into a second calculator, you will need to purchase another KEY to unlock that one.

For packaged, hardcopy sales of StarPilot, the StarPilot CD contains all versions of the program, but the StarPilot serial number provided with your purchase is unique to the version of the program you purchased. StarPilot-86 s/n will begin 1890-.

About the hardcopy delivery package (not the download)

The hardcopy delivery package includes: the StarPilot CD with the StarPilot program files (spdxxx.g86 and sppxxx.g86), a pdf version of the User's Guide (as a backup), and these installation instructions, along with pdf version of the full TI-86 calculator manual (although this is not needed for the operation of the StarPilot). Adobe Acrobat Reader is also on the CD. Also in the box is a printed copy of the StarPilot User's Guide along with the Serial Number needed to register the program. The CD also includes several pdf articles on applications and special features, as well as a working demo version of the StarPilot-PC program.

About the upgrade file (which can be downloaded online)

"sp-86.exe" is a 119-kb file that is a self extracting zipped set of three files, spdxxxx.g86 and sppxxxx.g86 and this instruction file. The xxxx is the day and month of the version at hand. To extract the files, just double click sp-86.exe or use the Run command in the Start button. This will extract the files into a default directory called c:/sp86-temp. You can change this if you choose.

Then you are ready to follow the GraphLink instructions, which will load the program into your calculator (some details are below).

How to move the StarPilot from computer to calculator

(1) Install the GraphLink software on your computer as per instructions provided with it. You can download this program from links on the StarPilot section of starpilotllc.com.

(2) Plug the 9-pin connector of the cable into a serial port on your computer. Note the number of the serial port. Plug the other end of the cable into the bottom of the TI-86 calculator. Be sure it is pushed in securely, there are a couple places it feels "seated" as it goes in. It does not matter if the calculator is on or off when you put in the cable, but you must next turn it on to proceed.

(3) Start GraphLink program and double check under the Link menu that you have the right com port chosen and the right cable (StarPilot cable is black).

(4a) If you downloaded StarPilot: From main menu, select Send, and then browse to the directory you stored the StarPilot files in and then click "Add all," and "OK." There will be the two files there named as explained above. The default directory we use is c:\sp86-temp.

(4b) If you have the StarPilot CD: From the calculator selector menu, choose SP-86, then execute SP-86.exe, which will store the files and these instructions in c:\sp86-temp. Browse to there and then click "Add all," and "OK." There will be the two files there named as explained above.

(5) A series of functions will slowly scroll by on your computer screen, but nothing will appear on the calculator screen.

(5a) If you are upgrading, it will notice the files are already there, just answer overwrite all — more specifically, it will say "Warning!, the variable SPLOGO already exists on the calculator. Please select action." Then select "Replace all."

(6) When the computer screen says "Download done" — this takes about 4 minutes — you can shut down the GraphLink software and unplug the calculator and turn it off, or vice versa, it does not matter.

The program is now loaded into your calculator. If this was an upgrade, you are ready to go. Press [ON] [ENTER]

To initialize the program for the first time in your calculator

(1) Turn on the calculator and adjust contrast if needed... press [2nd] release, then press [up-arrow] or [down-arrow] as needed. See a number in top right of the calculator screen that is a measure of the contrast level.

(2) Press: [PRGM], [F1], [F1], [Enter]. You will see the StarPilot logo and get a notice to contact StarPilot for instructions and note to press [Enter].

(9) Press [Enter] and you will see the CODE and a request for the key... this CODE is the number that you need to get your registration KEY.

To register your product and obtain the KEY, log on to www.starpilotllc.com/register and you can obtain your KEY automatically.

For this you will need: Calculator-generated CODE number, StarPilot-86 serial number you obtained when the product was purchased, and the calculator serial numbers from the back of the calculator.

Or, if you do not have Internet connections, you can contact StarPilot with this information to get your key by email or telephone. Use info@starpilotllc.com or 865-379-8723 or fax 865-681-5017.

Note you can shut the calculator off with [2nd] [off] or just put it away, it will go off on its own in 2 minutes.

Once you have the KEY

(1) turn on calculator, it will ask for Key?_

(2) when asked for KEY enter it and press [Enter] and you will see the StarPilot Index.
...and you are ready to run StarPilot.