

NovaSource Frequently Asked Questions

What are the minimum PC requirements for NovaSource?

To control the NovaSource using NovaSource Control Panel (NSCP) the following is required:

- PC running Windows 3.1 or above
- 1 Mb of hard disk space
- Parallel port

NovaSource Control Panel (NSCP) software can run in Windows 3.1, 95, 98, or ME using "SETUP.EXE" found in the "NSCP16" directory on the product's CD-Rom.

Alternatively, you are able to install NSCP on a PC running Windows NT or 2000 using the installation directions in the "NSCP32" directory on the CD-Rom.

The software apparently did not load properly on my Windows NT/2000 machine. What do I do?

- Open Windows Explorer and go to: "C:\WINNT\SYSTEM32\DRIVERS" and check to see if "GENPORT.SYS" is installed. If it is, then delete the file.
- Go to Start, Run, and type in "REGEDIT". Choose "HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services", and check to see if there is a GenPort folder. If so, delete that folder from the registry. Close REGEDIT.
- Go to Nova Engineering's FTP site: <ftp://ftp.nova-eng.com/>. Choose the "Pub" folder, then "NovaSource", then "Win2K". Copy all three files in that folder to your desktop: "NSCP32.EXE", "NSDRV32.DLL", and "PORT95NT.EXE".

- On your desktop, double click on “PORT95NT.EXE” and install the software, choosing the default settings along the way.
- Reboot PC.
- Move “NSCP32.EXE” and “NSDRV32.DLL” to the NovaSource Control Panel Program Folder (e.g. C:\Program Files\NSCP).
- Open the Start Menu, Programs, NovaSource Control Panel, NSCP Icon properties. Change the target to “C:\Program Files\NSCP\NSCP32.EXE”.

I'd like to use MATLAB to control the NovaSource, is there a library of C-code files available for communications?

There are no MATLAB library files available. However, we have existing C Source code that should help you write your own code. Download and unzip:

<ftp://ftp.nova-eng.com/pub/novasource/nsdosex.zip>

What is the IN/EXT switch on the front panel of the NovaSource used for?

The IN/EXT switch determines whether the provided internal crystal oscillator is used as a reference signal or a user-supplied external reference signal is used, depending entirely upon preference.

What is the main difference between the NovaSource M2, G6, and X2?

The *NovaSource M2* covers the lower frequencies (45 MHz to 2.5 GHz) while the *NovaSource G6* covers the higher frequencies (2.4 to 5.875 GHz). *NovaSource G6* also adds a serial interface, internal/external frequency modulation, and a frequency sweep function. *NovaSource X2* is a dual output version, currently covering *NovaSource M2* frequencies.



What happened to the Dual NovaSource?

A new, consistent naming convention was adopted by the entire family of *NovaSource* products, including the *Dual NovaSource*. As a result, the *Dual NovaSource* became *NovaSource X2*.

When will NovaSource G6 be available?

NovaSource G6 is now available from Nova Engineering.

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