

## SEEKER®, THE WAY TO CONTROL YOUR STEPPIR

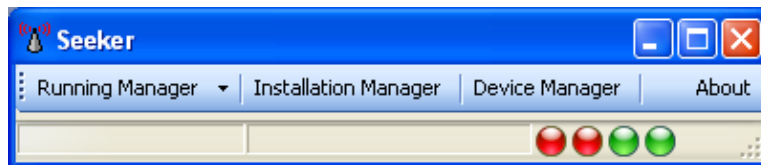
Seeker is a simple and user friendly software application that allows you to control your Steppir antennas and rotators. Even if you have just one antenna and a light interfaceable rotator mounted on a simple mast, Seeker will give more flexible and accurate control of your Steppir. If you have Station with an antenna Farm and several towers and or stacks of Steppir, Seeker will give you total control.

Seeker is a C# application written to run under the Microsoft .NET platform and you need the framework 3.0 already installed on your machine. There aren't any other constraints about type and power of the PC and or OS environments.

You should have the rotator(s) already connected to the serial port(s) of your PC as well as the Steppir controllers.

Seeker talks the Steppir own language to control the antennas. Please refer to the Steppir controller manual for proper settings of cable and controller configuration.

After downloading (<http://www.pagus.it/seeker>) and installing it just run the application and, if your environment fits the requirements, you should have the Seeker main menu on your desktop.

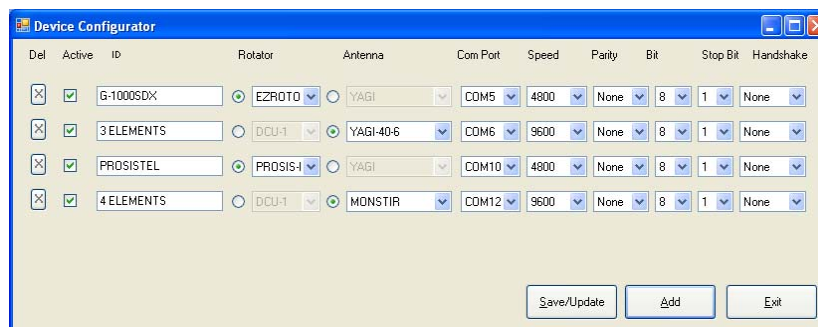


## DEVICE MANAGER

This window lets you tell Seeker how to talk to the PHYSICAL DEVICES. Here you must configure all the peripherals connected to your PC that you would like to control. Actual peripherals include all the Steppir yagis and some of the most popular rotators and protocols like HY-GAIN DCU-1, EZ-ROTOR, TIC-RING, GREEN HERON and PROSISTEL-D.

Please make the right choice so Seeker will be able to manage the rotation and upper-lower frequency limits of your peripherals.

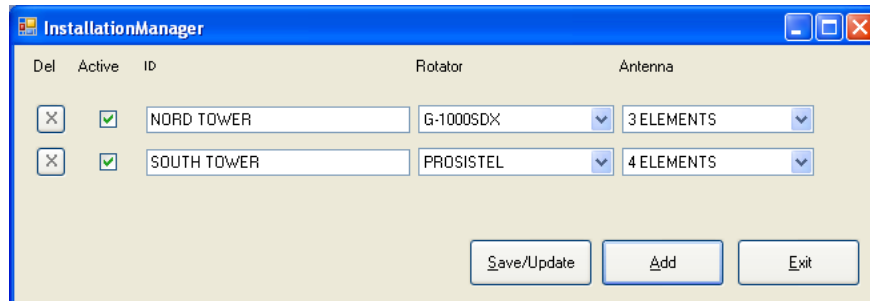
In the ID field just put something having meaning for you to identify the peripheral you are configuring and set the other fields according to your hardware configuration.



## INSTALLATION MANAGER

This panel will let you build your LOGICAL CONFIGURATION, meaning that it will let you associate any antenna to any rotator. Please note you can have several Installations sharing the same physical devices. This is very helpful if you run, for example, a stack of 2 antennas using the same rotator. The antennas will turn together but you can control them separately.

As said before, in the ID field just write something having meaning to you to identify the Installations.

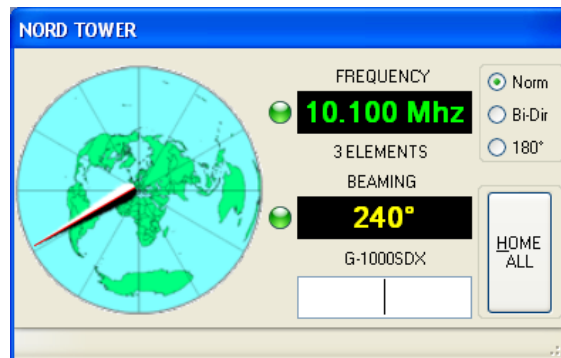


## RUN IT !

Start the Running Manager and you should have the windows representing the Logical Installations you configured. The two black box show respectively the beaming of the antenna and the frequency the antenna is on. Just give the focus to the white box, type a number between 0 and 360, and you will see your antenna turning. Type a number between 6.800 and 52.000 (depending on the type of your antenna) and you will set the antenna to that frequency.

Just click somewhere on the azimuthal map to rotate the antenna to that bearing.

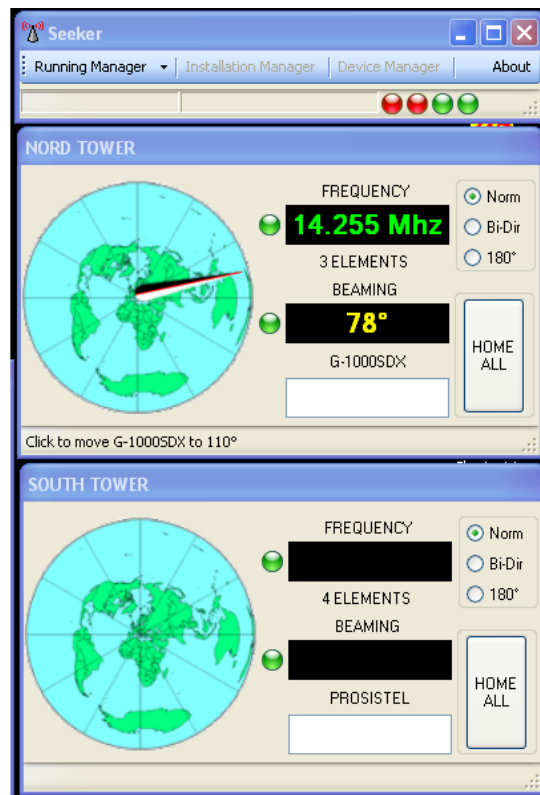
The big HOME ALL button will turn your rotator to 0 degrees and will retract all the elements to the home position.



## SEEKER CONFIGURATION

Seeker uses an XML file to store his configuration. It is quite easy to add and modify protocol and hardware configuration using this file. But you should know some basic XML language structure to do this and the file can become easily unusable if modified in the wrong way. So, if you need a customized configuration, just ask! (i8nhj@pagus.it).

The azimuthal map is a simple GIF image stored in the file named AZIMUT.GIF. You can use your own image there. For better result the image dimension should be 148x148 pixel.



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