

nRSP-ST Getting started guide – Nov 27th 2024

Note: We recommend that you connect both the nRSP-ST and the device you are downloading the installation software on, to your local area network via ethernet to perform the firmware update.

Please also make sure no cables are connected to the USB and FLASH ports during this update process.

Follow these steps to get the latest firmware onto your nRSP-ST and to get started...

1. After the installation process, start the nRSPUpdater application (note this is a graphical application and so you will need access to your desktop)

1. On Windows this will automatically start during the installation process. If you have closed the application you will find it on the Windows start menu or on your desktop
2. On Linux this will be called NRSPUpdater and installed into your SDRconnect installation folder
3. On Mac this will have been installed to your Applications folder

2. Follow the nRSPUpdater prompts to update the nRSP-ST firmware and then exit the program when told to.

3. After a firmware update, your nRSP-ST will automatically restart

4. Start the NRSPAdministrator tool

1. On Windows this will be in your Windows start menu or on the desktop
2. On Linux this will be called NRSPAdministrator and installed into your SDRconnect installation folder
3. On Mac this will have been installed to your Applications folder

5. Use the NRSPAdministrator tool to gather information on your nRSP-ST, set users and streaming settings. You will also find network information there and you can use this to know how to connect to the web client

6. Start SDRconnect and if the client device is on the same local network as the nRSP-ST, it should find it and it will appear in the device selection dropdown. If the nRSP-ST has just restarted, this auto-discovery may take a few seconds to occur and you may also need to press the device refresh button.

**Always check the website for
the latest information:
www.sdrplay.com/nrspstart**

Additional Installer notes from <https://www.sdrplay.com/nrspinstallernotes/>

More about the installer process and getting started:

The installer will install three pieces of software on your computer:

1. SDRconnect v1.0 (the first official release build as opposed to a preview version)
2. A firmware update tool for the nRSP-ST
3. An administrator tool for the nRSP-ST

On Linux the updater will be called NRSPUpdater and installed into your SDRconnect installation folder

On Mac the updater will have been installed to your Applications folder

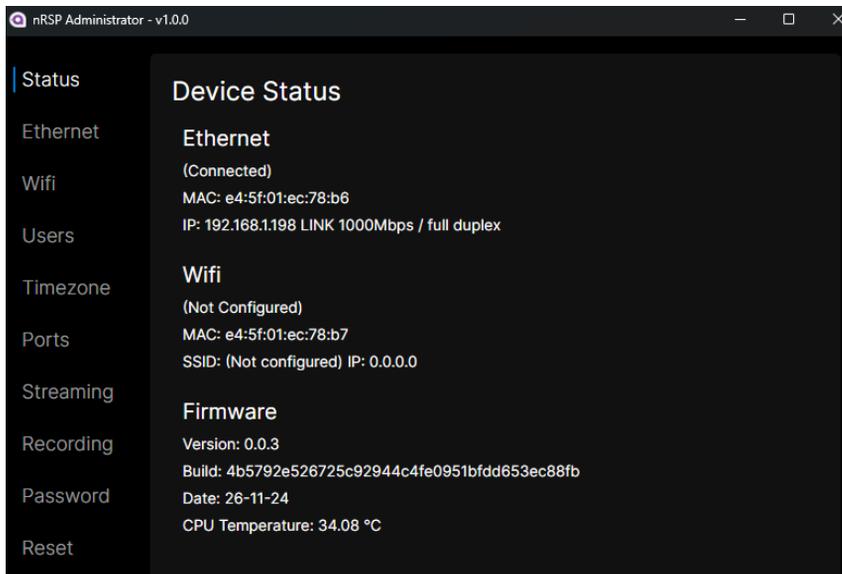
On Windows the updater is automatically started by the installation process – however when you need to run the updater again, you can find it on the Windows start menu.

We recommend the **FIRST** thing to do is to plug in the nRSP-ST to your network via an ethernet cable. You must use ethernet as Wifi will not initially be enabled on the nRSP-ST. Once you have the network cable connected, plug in the power. There are two other ports on the device marked USB and Flash. Please ensure that nothing is plugged into either of these ports.

Once the nRSP-ST has powered up, the updater will try to find the nRSP-ST on your network and if it does, it will automatically update the firmware.

We recommend that if at all possible, you run the updater on a computer that is also connected to your network via ethernet rather than WiFi. This will help ensure that the firmware update process runs without any glitches. Some older WiFi access points can have problems with UDP broadcasts used for auto-discovery and can cause the firmware update process to fail. This won't cause a problem for the nRSP-ST even if the firmware update fails, but it may mean that you have to run the update process again from a fully wired network.

When you run the **administrator tool**, a panel will open up giving you access to a range of settings for the unit, such as the ability to enable the WiFi, set up user accounts for remote access and also change the administrator password.



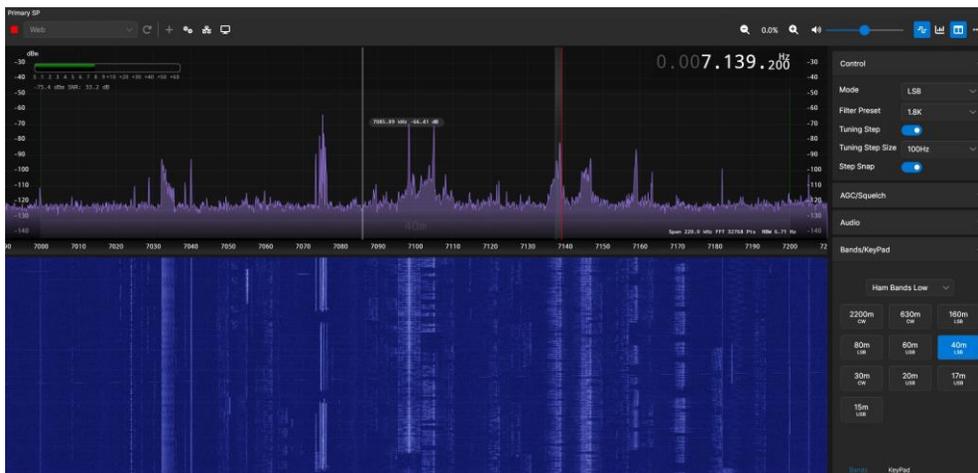
The default administrator password is the device serial number which you will find on the box the device was delivered in, and also on the label on the underside of the unit. (Letters should be all upper case)

You should be able to start SDRconnect and your nRSP-ST should automatically appear in the device list via the auto-discovery process.

In addition, you should be able to open up a web browser and access the device by entering nRSP[serial_number]:9001 so for example, if your serial number is 230504500A0 then you would enter: nRSP230504500A0:9001

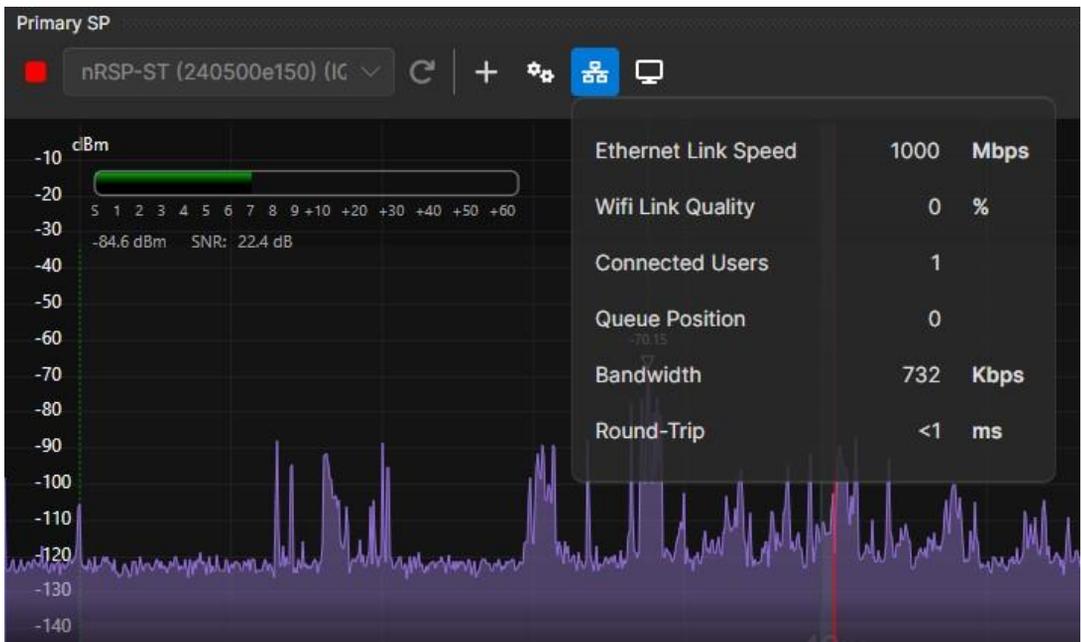
Alternatively, the administrator tool will tell you the IP address of their unit on your network, so you can just type in: 192.168.xxx.xxx:9001 where 192.168.xxx.xxx is the IP address of the unit as shown in the administrator tool.

The web page version of SDRconnect is a simplified version of the main SDRconnect application. This is because we anticipate people using smaller screen Android or iOS devices such as tablets for remote web access and a simplified screen makes it easier to use on these smaller touch screen devices. If you have a laptop, you can still use the main version of SDRconnect to connect remotely to your unit.



All the main nRSP-ST functions should be present apart from direct recording to a NAS using the server. This feature is almost complete and will be added over the next few days.

In SDRconnect itself, you will see a new button that is active when using the nRSP-ST. This gives information about the type and speed of the network connection between the nRSP-ST and your LAN. It will NOT provide diagnostics of the network connection between the LAN and the client device, but it will tell you whether your nRSP-ST is connected to your LAN via WiFi or ethernet and also what the speed of that link is. This might be a useful tool if someone has used an old 10/100 switch or cable to connect to their nRSP-ST.



To make your device accessible outside your own local network you will need to consult your router's port-forwarding instructions: <https://www.wikihow.com/Set-Up-Port-Forwarding-on-a-Router>

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