**[Digital Signal Processing in Radio Astronomy](https://wvurail.org/dspira-lessons/)**

[**Click to see all posts in the Telescope Software Setup module**](https://wvurail.org/dspira-lessons/categories/telescope-software-setup/)

**Installing GNURadio**

Jul 1, 2021 | 1 minute read

To install GNURadio, complete the following:

1. Open a terminal window.
2. Type and enter sudo apt update
3. Type and enter sudo apt upgrade
4. Type and enter

sudo apt install gnuradio gr-osmosdr airspy python3-h5py python3-ephem git cmake liborc-0.4-dev -y.

You may need to respond ‘Y’ to a few prompts before installation is complete.

Share this post!

**Appropriate for:**

[**School-Teachers**](https://wvurail.org/dspira-lessons/tags/school-teachers) [**Students**](https://wvurail.org/dspira-lessons/tags/students) [**Hobbyists**](https://wvurail.org/dspira-lessons/tags/hobbyists)

**Related Lessons**

* [Interferometry](https://wvurail.org/dspira-lessons/Interferometry)
* [Installing gr-radio\_astro on Ubuntu 20.04](https://wvurail.org/dspira-lessons/gr_radio_astro_Installation_Ubuntu20)
* [Installing Ubuntu](https://wvurail.org/dspira-lessons/Ubuntu_Installation)
* [Setting Up a 2 Horn Interferometer](https://wvurail.org/dspira-lessons/SettingUp2HornInterferometer)
* [PlutoSDR software Installation](https://wvurail.org/dspira-lessons/PlutoSDR_installation)
* [Other Horn Designs](https://wvurail.org/dspira-lessons/Other_Horn_Designs)
* [Build a Simple Spectrometer](https://wvurail.org/dspira-lessons/Simple_Spectrometer)
* [Raspberry Pi](https://wvurail.org/dspira-lessons/RaspberryPi)
* [Installing gr-radio\_astro](https://wvurail.org/dspira-lessons/gr_radio_astro_Installation)
* [WISRD update](https://wvurail.org/dspira-lessons/WISRDUpdate)

©2025     [**About DSPIRA**](https://wvurail.org/dspira-lessons/about/) **[DSPIRA Forums](https://wvurail.org/dspira-lessons/forum/)**