

R3LAY VSC Quick Start Guide

What You'll Need

- An Ethernet cable
- Your R3LAY VSC License Key (this may be printed on your software order receipt, or, if you also purchased an OnAir 4 interface, in the box itself)
- A PC or laptop with a benchmark of more 8,000 points or better
- Some time to read your User Manual!

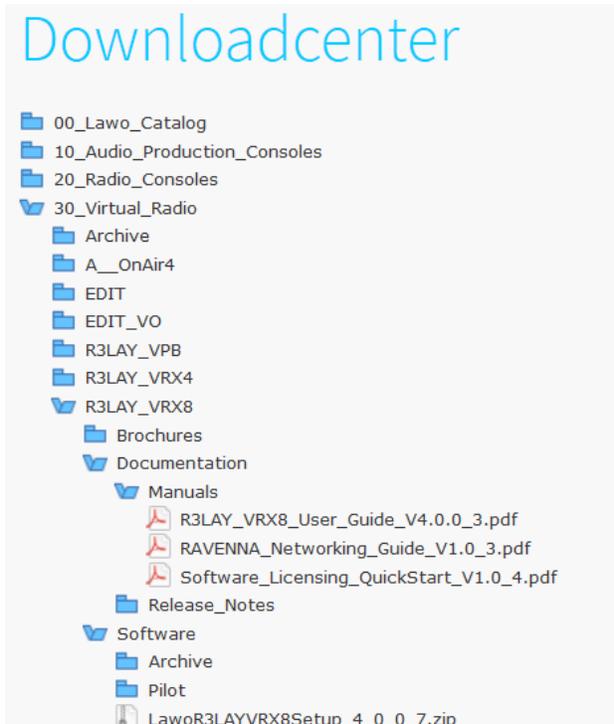
Getting Started

If you have a Lawo OnAir 4 interface, connect it to your PC or laptop with an Ethernet cable. Without turning on the computer, apply power to your OnAir 4. The front-panel display will show a configuration notice; wait until configuration is complete (approximately 2 minutes), then switch on the computer.

Use your Web browser to navigate to www.lawo.com and click the **LOGIN** button at top right. If you already have an account on the Lawo site; simply enter your username and password to log in. If you do not have an account, please complete the Registration process.

After registration, go to the Downloadcenter and click / **30_virtual_radio/R3LAY_VRX8** .

- First, click the **Software** sub-folder and download the latest installation software (filename starts with **LawoR#LAYVRX8Setup**).
- Second, click the **Documentation** sub-folder and download the latest User Guide and Software Licensing Quickstart PDFs.



- Extract the setup software from the ZIP file and double-click to install.
- Once the software is installed, you must register it using the License Key provided; without registration the system runs in Demo mode only.
 - To register, open the CodeMeter Runtime Kit (WIBU Systems AG) installed on your computer by the R3LAY installer. Type in the license key and select the "Single System" option (if you have a single system). Follow the instructions onscreen to register your software – see the **Software Licensing QuickStart** document for more information if needed.

Configuring The Software

Once registration is complete, start the R3LAY VRX8 software. At top right of the screen, next to the LAWO logo, is a small status display.

- If the software license is correctly activated, this display will be **blue**.
- If the status display is **red**, the license has not been activated and the software is in Demo mode.
- If the status display is **black**, the IP addresses of the PC and the OnAir 4 are not in the same range. To remedy this:
 - Change the IP address of the OnAir 4 (use the IP Settings menu on the front panel), or...
 - Change the IP settings of the PC. Use the Network Properties in your Windows Control Panel to change your PC to a fixed IP address, with no DHCP which matches the first three octets of the OnAir 4's IP address, and its subnet mask. The OnAir 4 has a factory IP address of 192.168.110.251, subnet 255.255.255.255.

Using R3LAY

Connect a microphone to the first XLR input of the OnAir 4. You may use either a dynamic mic, or Electret with Phantom power. Make sure the OnAir 4 is connected to your computer and that the status display near the LAWO logo on the VRX8 screen is blue.

To configure sources from OnAir 4:

- Touch the LAWO logo on the VRX8 screen to enter Config Mode.
- Choose the Inputs section and give the first input a name. Mic1 will do. For its Input, choose the OnAir 4 Mic1. You should see the input level on the adjacent meter.
- Click **OK** to finish; touch the LAWO logo again to return to mixer view. Click the + (plus) button at the first fader position and choose Mic1 as your source.
- Repeat the steps above for all sources you wish to use.

R3LAY VRX8 also installs 8 bi-directional WDM drivers on your PC which allow you to load audio from other Windows programs to a VRX8 fader. To set up third-party software (like Skype or WhatsApp, Facebook, VLC player, etc.) as an audio source:

- Open Skype and choose R3LAY WDM Driver 1 as its audio output. Save the setting.
- Return to R3LAY and enter Config Mode again. Select Sources and define a new source named "Skype", and the WDM Driver 2 as its input source.

There are 4 logic buttons to the right of the VRX8 clock/timer display. You can program these for different functions, such as Cough, opening a program (such as Skype), and other logic functions.

You can also save and recall presets with different fader assignments for each show (i.e., talk shows, music, interviews, etc.). These are accessed by touching the button just left of the VRX8 meter display.

For O.B. use, the program output of your R3LAY mixer can be sent to the studio or transmitter via IP tunnel, or via G4 connection from a telco provider.

To use G4, you will need a 4G stick with a SIM card. You will also need to install streaming software, such as LUCI, on both the Laptop and the studio PC. The sum of the VRX8 mixer output goes into the streaming software via WDM driver; the output of the streaming software goes to the 4G stick. The streaming address is that of the PC in your studio, and from there, to air.

[For More Information](#)

This document is only a brief overview. To be well-informed on how to use your R3LAY VRX8 / OnAir 4, read the VRX8 User Guide to familiarize yourself with complete setup and operations, and other topics such as how to use AutoMix and Auto Gain for talk shows, and how to use the built-in Lawo Audio Processing Suite for audio dynamics, voice compression and EQ, and more.