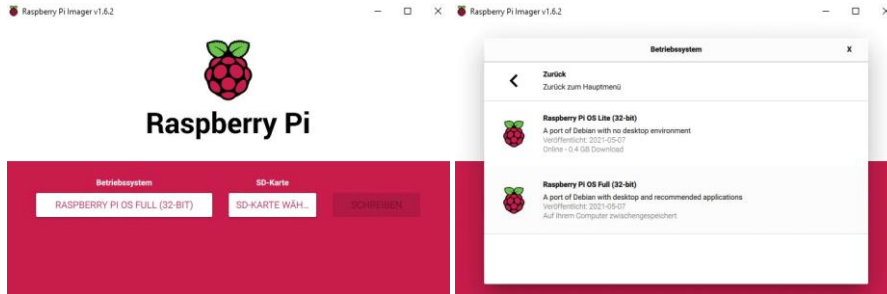


SDR++ Installation auf Raspberry PI 4 (inkl SDRPALY und LimeSDR)

Video zum PDF: <https://youtu.be/AzzueFF1JYk>

Installiere Raspberry OS Full (32-Bit) mit dem Raspberry PI Imager



Installiere die API für euern SDRPLAY Empfänger www.sdrplay.com/downloads/

Dazu auswählen :

Euer SDRPLAY Model (Beispiel RSP 1A) und das Operating System : ARM Raspberry PI OS
danach API anwählen und die API auf euern Raspberry downloaden

| Software | Description | Date | Release Notes | Description | select ONE |
|--|--|-------------|---|-------------|-------------------------------------|
| Build Scripts 0.3 | API Installation & Build Scripts | 28-Jun-2021 | | | <input type="checkbox"/> |
| Scripts to download and install the API and also to build/install the SoapySDR framework, CubicSDR and the TCP server. | | | | | |
| API 3.07 (for 32bit OS) | RSP.Control Library + Driver | 15-Apr-2020 | Release Notes Documentation | | <input checked="" type="checkbox"/> |
| Supports all RSP's. Required for 3rd party applications & developers. | | | | | |

Legacy software [Click here to show](#)

Die API Datei vom Download Ordner nach /home/pi verschieben.

Terminal öffnen und folgende Zeilen nacheinander eingeben:

```
chmod +x ./SDRplay_RSP_API-ARM32-3.07.2.run
```

```
sudo ./SDRplay_RSP_API-ARM32-3.07.2.run
```

Alle Lizenzen mit Enter bestätigen und allem mit y zustimmen.

Nun folgt die SDR++ Installation

1.Installing dependencies:

```
sudo apt update
```

```
sudo apt install -y build-essential cmake git libfftw3-dev libglfw3-dev libglew-dev libvolk1-dev  
libsoapysdr-dev libairspyhf-dev libairspy-dev \  
  
libiio-dev libad9361-dev librtaudio-dev libhackrf-dev librtlsdr-dev libbladerf-dev  
liblimesuite-dev p7zip-full wget
```

2.get the source:

```
git clone https://github.com/AlexandreRouma/SDRPlusPlus
```

```
cd SDRPlusPlus
```

3.Preparing build:

```
mkdir -p build
```

```
cd build
```

```
cmake .. -DOPT_BUILD_LIMESDR_SOURCE=ON -DOPT_BUILD_SDRPLAY_SOURCE=ON
```

4 Building:

```
make
```

Installing:

```
sudo make install
```

Fertig!

Beste Grüße Manuel Lausmann

Rasbian Bullseye:

```
sudo apt install -y build-essential cmake git libfftw3-dev libglfw3-dev libglew-dev libvolk2-dev  
libsoapsdr-dev libairspyhf-dev libairspy-dev \
```

```
libio-dev libad9361-dev librtaudio-dev libhackrf-dev librtlsdr-dev libbladerf-dev liblimesuite-dev  
p7zip-full wget
```

Manuel Lausmann