

Basic Installation, Troubleshooting and Set-up SDRuno and RSP1A

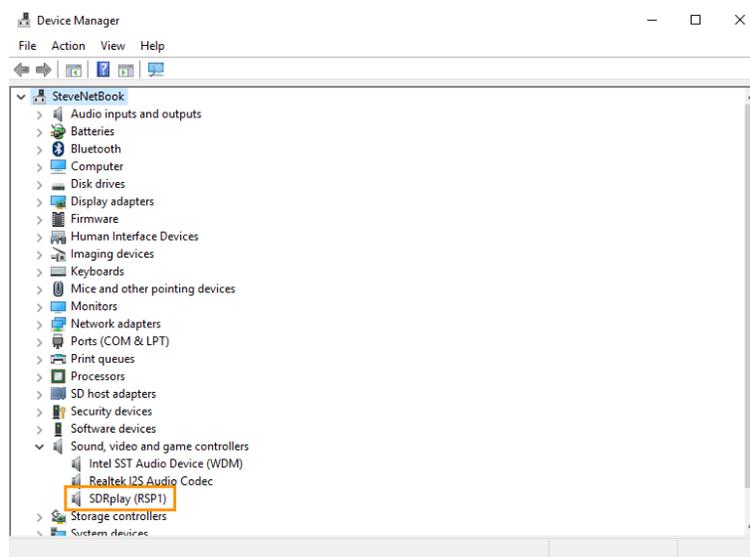
This app brief is a quick run through of installing SDRuno and looks at some of the more common issues that sometimes arise. After successful installation we run SDRuno and verify reception on the RSP1A.

- Intended for new users of the RSP and SDRuno
- Basic troubleshooting steps also useful if your system stops working
- Covers basic software installation and some of the more common issues encountered
- Discusses USB and Signal connections to the RSP
- Shows basic software settings to verify correct operation of the RSP
- Features the RSP1A and SDRuno but the concepts apply to all the RSP models and to other software packages such as HSDR and SDR-Console
- In depth discussion of program features can be found in the User Manual and other instructional videos

Installation

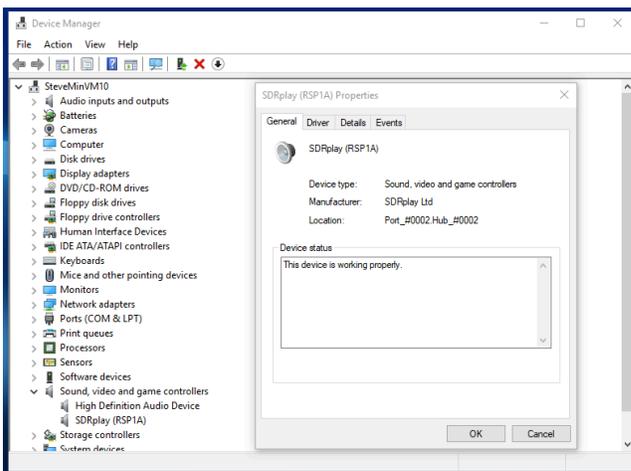
Installation is usually quick and straightforward. However sometimes problems are encountered after installation when starting SDRuno – “No RSPs found”

First step is to open Device Manager:



Depending on what appears proceed as follows:

1. RSP does not appear / no chimes when RSP plugged in
 - a. Bad USB cable
 - b. Bad USB port
 - c. Bypass the hub if you are using one
2. “Unknown Device” shows in Device Manager
 - a. Check AV software logs and ensure no quarantined devices
 - b. Update AV definitions / disable AV and run installer again
3. RSP shows in Device Manager with warning triangle
 - a. Check “Properties” for further clues:



- b. For Win7 ensure security patch is applied
 - c. Ensure all latest Windows updates are installed, including updates from your PC manufacturer
4. Uninstall driver and run SDRuno installer again

Note: RSP must appear correctly in Device Manager before running any SDR software

Running SDRuno

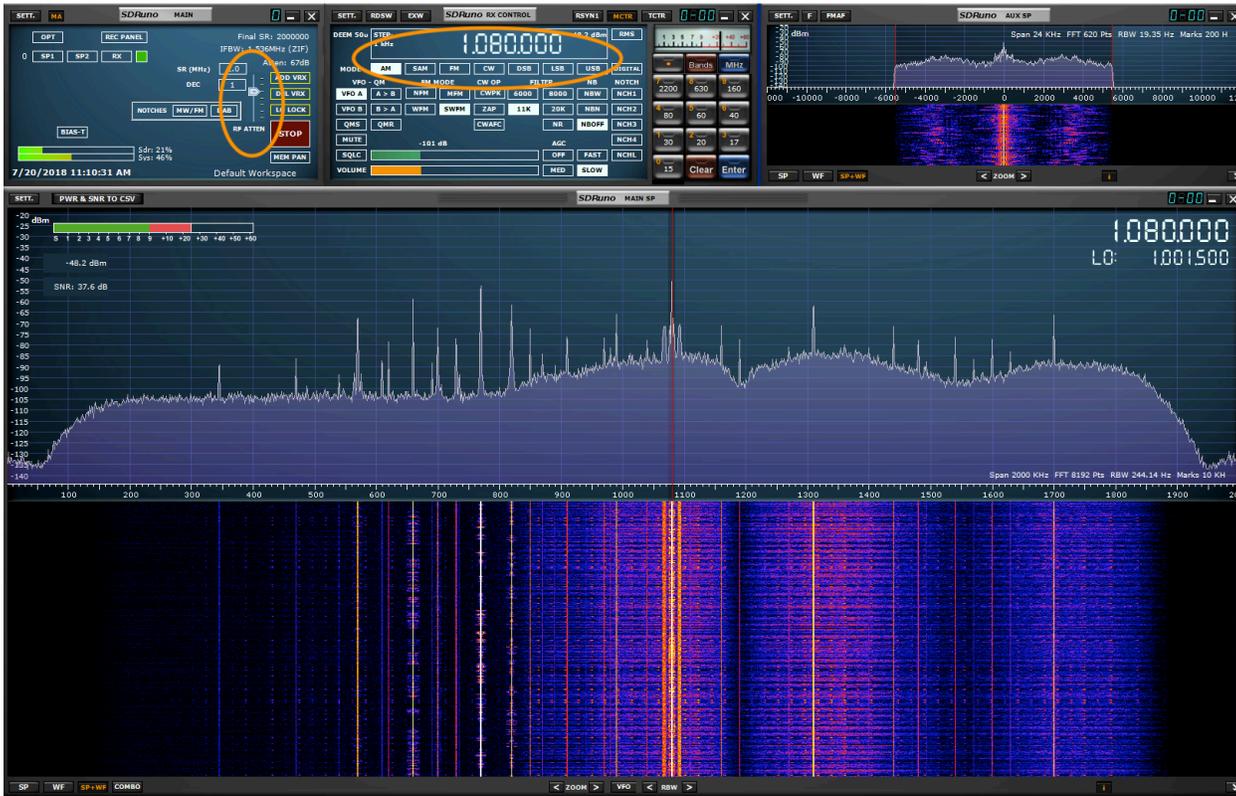
Once the RSP is correctly recognized we can run the software. To verify operation we can use a simple makeshift antenna, a few feet of wire or less can be used to verify reception of broadcast AM and FM stations.

Verify all connectors or adapters for continuity.

When SDRuno is started, there are very few parameters that need to be adjusted:

1. Clicking “Play” in the Main window will produce a waterfall and spectrum
2. Enter a frequency of interest, e.g. 1,000,000 for AM broadcast.
(right click on the frequency in RX Control and input frequency of choice, in Hz)
3. Choose the correct mode if necessary, e.g. “FM” and sub-mode “SWFM” for FM broadcast.

4. Adjust “RF atten” as necessary if there is signal overload.



For further information

Please see the User Manual and watch the video: https://youtu.be/uDKzf_QoXPQ

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