



Introduction to the RSP2

Building on the popularity of SDRplay's first product, the RSP1, SDRplay has now launched the RSP2. The RSP2 delivers a significant number of additional features which result in a higher spec for specialist amateur radio users as well as benefits for additional scientific, educational and industrial SDR applications.

Here are the main additional features of the RSP2:

- 10 built in front-end pre-selection filters, with substantially enhanced selectivity
- Frequency coverage extended down to 1 KHz
- Software selectable variable gain Low Noise Preamplifier
- 2 x SMA Software Selectable 50Ω RF ports (1.5 MHz – 2 GHz)
- 1 x High Impedance RF port (1 kHz – 30 MHz)
- Built in software selectable MW /FM notch filters
- Highly stable 0.5PPM TCXO trimmable to 0.01PPM
- 24MHz Reference clock input / output connections
- 4.7V Bias-T option (on one of the software selectable antenna inputs)
- RF screening within a strong plastic case for the standard RSP2

When used together SDRplay's own SDRuno software, the RSP2 becomes a high performance SDR platform. The benefits of using the RSP2 with SDRuno include:

- Highly integrated native support for the RSP2 professional grade software based upon class leading 'Studio 1', free of charge
- Calibrated S-Meter including support for IARU S-Meter Standard
- Calibrated RF Power Meter with in excess of 100 dB of usable range
- Best in class audio quality

At launch in November 2016, the RSP2 required the use of SDRuno software, but by early 2017, additional support for HDSDR, Gnu Radio, CubicSDR and SDR Console will be provided.

We believe that the RSP1 will continue to prove very popular as the lowest cost 12-bit SDR for applications such as a general purpose wideband radio receiver, remote monitoring, EMC detection, Short Wave Listening or for use as a Panadapter.