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Experimenter's Special SDR receiver



The Experimenter's Special SDR receiver covers 6 to 15 MHz depending on crystals. It has a crystal centre frequency of 7.156 MHz in the X1 crystal position and a HC25/u crystal socket in the X2 position. A selection of crystals are supplied with the receiver covering centre frequencies of 7.056, 9.000 (for some Yaesu, Kenwood and Icom IF frequencies), 10.125 and 14.230 MHz.

It has an RF pre-amplifier using a power MOSFET, a five pole RF bandpass filter and other revisions to improve its performance both as a stand alone receiver and as an IF panadaptor with HF and VHF transceivers. Following the development of our new [SDR-4+ general coverage receiver](#) we have also re-designed the audio amplifier to minimise changes in audio phase. This ensures that once the I/Q amplitude and phase balance is set it remains constant over the bandwidth of the receiver so that the unwanted sideband rejection remains high.

It has a choice of two internal crystal oscillators or an external VFO input, it's got good RF filtering (a five pole bandpass filter) before the RF pre-amplifier and it's optimised for use with any stereo input sound card so you won't need to buy an expensive sound card to start to use it. It can also be used with high performance sound cards for a wider tuning range and greater dynamic range.

Power requirements: 7 to 25V current consumption 73 mA, power plug supplied with the receiver.

The receiver is supplied ready built and tested with a test sheet detailing the crystal frequencies and a CD disc with manuals of CCW products and a selection of SDR and digimode software.

It's ideal for general short wave listening and for use as an IF pan-adaptor with a range of HF and VHF radios.

The price? £49.95 plus postage