

Cross Country Wireless SDR-4+ SDR Commercial RX LAMCO Barnsley



Price: £199.95

SKU: Cross Country Wireless SDR-4+ LAMCO Barnsley

In stock: 1

Product Categories: [LAMMY'S SPECIAL PROMOTIONS](#), [SCANNER + RECEIVERS](#), [SDR TRANSCEIVERS RECEIVERS](#)

Product Tags: [Cross Country Wireless SDR-4+](#), [HF](#), [sdr](#), [shortave](#), [software defined](#)

Product Page: <https://www.hamradio-shop.co.uk/product/cross-country-wireless-sdr-4/>

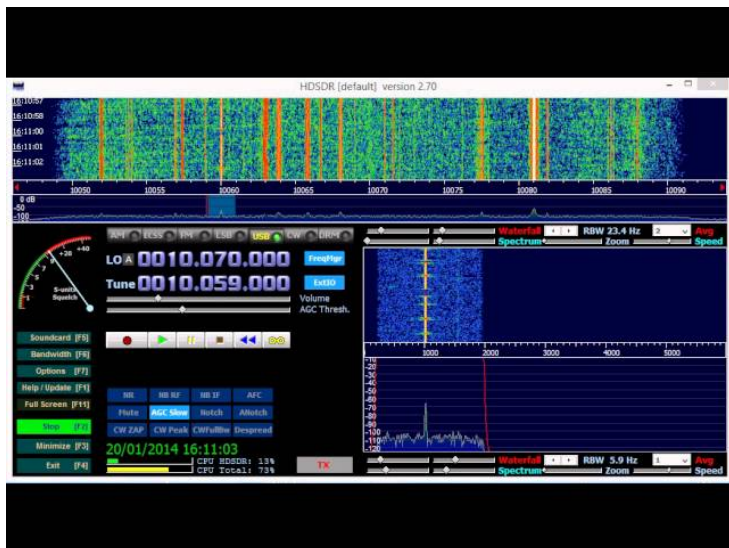
Product Summary

£199.95

Product Description

Cross Country Wireless SDR-4+] Cross Country Wireless SDR-4+] Cross Country Wireless SDR-4+ general coverage receiver...frequency range extended to 70.5 MHz The SDR-4+ is an HF general coverage SDR receiver covering from 0.85 to 70.5 MHz.

It has a Si570 low noise synthesised VFO, relay switched band pass filtering, high linearity NXP RF bipolar amplifier and a built-in USB soundcard.



Key design features include: Antenna isolation transformer with a 50 ohm impedance input for use with coax fed antennas RF overload protection up to 150W for 10 seconds Extra antenna isolation when the receiver is powered down Relay switched RF band pass filters RF amplifier now using a high linearity NXP RF bipolar amplifier in the receiver front end Built-in USB stereo soundcard 3.5mm soundcard audio output for headphone monitoring or connection to datamodes program 3.5mm IQ audio output for connection to external high sampling rate sound cards Built in a compact aluminium case 175 x 106 x 30 mm This has a revised RF front end using a high linearity NXP RF bipolar amplifier, an IQ audio output to feed external sound cards and other revisions to improve RF performance, gain distribution, IQ balance and the SDR display. September 2013...As a result of development work on the CCW Sentry SDR transceiver the frequency range of the SDR-4+ has been extended to cover the 4m amateur band. The frequency coverage is now 0.85 to 70.5 MHz. This new version also includes a revised USB sound card and a new antenna isolation transformer with a 2 kV working voltage rating without the 450 ohm antenna input. January 2016...As a result of further development work on the new CCW Sentry SDR transceiver the RF amplifier has been changed to a high linearity NXP RF bipolar device. The receiver IP3 measurement is now +15 dBm measured with two -2 dBm carriers 200 kHz apart at 14 MHz. **Cross Country Wireless SDR-4+ Specifications:** Frequency range: 850 kHz to 70.5 MHz Input impedance: 50 ohms Clipping RF level: -13 dBm Maximum frequency display: 48 kHz internal sound card, up to 192 kHz external sound card Minimum discernable signal: -135 dBm Input IP3: +10 dBm (measured with two -20 dBm carriers with 20 kHz spacing at 14 MHz, attenuator off) Receiver modes: Depends upon the SDR software used with the receiver Supply voltage: 5 Volts (from USB ports) Supply current: 320 mA (from USB ports) Connectors: BNC female (RF in 50 ohms), two USB B ports, two 3.5mm stereo jacks Overall dimensions: 185 mm (L) x 110 mm (W) x 38 mm (H) The SDR-4+ receiver no longer uses "dual use" (military/commercial) devices so it can now be sold without restriction. The SDR-4+ USB driver installer can be downloaded as a zip file [here](#). The USB installer program loads a driver certificate then the driver file so that it works on the latest versions of Windows.] **The SDR-4+ setup program can be downloaded as a zip file [here](#).** This installer program stores the USB drivers in a folder C:/SDR-4+ and places the ExtIO files in the HSDR and Winrad folders in Program Files and Program Files (x86).] **This is a link to our CloudMe folder allowing the files included on the CD shipped with each receiver to be [downloaded here](#).**] The SDR program we recommend for first time users of SDR receivers is HSDR which can be downloaded [here](#).] A SDR-4+ receiver running on the [WebSDR](#) system can be accessed [here](#).] **Authors of SDR software programs or other radio programs can add support for the SDR-4+ to their software using the [SDR-4+ interface specification](#).**] **Cross Country Wireless SDR-4+**

Product Attributes

- Cross Country Wireless SDR-4+: Cross Country Wireless SDR-4+. Amateur Radio Shops HAM Radio Dealer Supplier Retailer LAMCO New/Second Hand Twelve Months Warranty.
Near Jnc 36 M1 Motorway.
Barnsley, South Yorkshire, UK. Amateur Radio Sales.
HAM Radio Sales.
We are Premier Dealers For Icom, Kenwood & Yaesu.
hamradio-shop is my favourite HAM store! HAM Radio Shop, HAM Radio Shops, Amateur Radio Dealers, Amateur Radio Dealers UK.
Amateur radio Dealers, HAM radio dealers UK.
We are a family business supplying world leading amateur radio equipment.

Product Gallery

