

KiwiSDR: Wide-band SDR + GPS cape for the BeagleBone Black



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- Listen live: [SDR.hu](#), [rx.linkfanel.net](#)
- [Introduction to using the KiwiSDR](#)
- [Operating information: installation, operation, FAQ](#)
- [Github project](#) source code, Verilog, BOM, [KiCAD PCB](#)
- [Github issues](#) page
- [KiwiSDR forum](#)
- Latest [change log](#), [source code commits](#)
- Master [bug/wish list](#)
- [Troubleshooting guide](#)
- [Design review document](#)
- [Schematic](#)
- [email us](#)

KiwiSDR is manufactured and distributed by:

- [SeeedStudio](#) (ships worldwide)
 - [KiwiSDR Kit](#), includes board, BeagleBone Green, SD card, GPS antenna, enclosure
 - [KiwiSDR Board](#), includes board, SD card
 - [KiwiSDR aluminum enclosure](#) **New**

KiwiSDR regional distributors:

Africa

- [Giga Technology, South Africa](#)

Europe

- [WiMo, Germany](#)
- [ChrisTech, Norway](#)
- [ERcomER, Poland](#)
- [ML&S Martin Lynch & Sons Ltd., UK](#)
- [CPC/Farnell, UK](#)
- [Funkbox Shop, Germany](#)
- [Rys Electronics, The Netherlands](#)
- [Bonito, Germany](#)

Asia / Oceania

- [SeeedStudio, China](#)
- [Electro Design Corporation, Japan \(English translation\)](#)
- [Akizuki Denshi, Japan \(English translation\)](#)
- [Chip One Stop, Hong Kong](#)
- [Nicegear, New Zealand](#)

- [Pakronics, Australia](#)
- [The IOT Store, Australia](#)

Americas

- [Massdrop, USA](#)
- [Amazon, USA \(NKC Electronics\)](#)
- [Mouser, USA](#)

Recommended accessories:

- CATSync - external rig synchronization tool from Oscar, DJ0MY **New**
 - [Website](#), [blog](#), [YouTube video](#)
- Aluminum enclosure **New**
 - [KiwiSDR enclosure](#) from Seed
 - [Assembly guide](#) (v1.1)
 - [YouTube tour](#) from JavaradiofranceHD
- Antenna
 - USA, Canada delivery — [W6LVP magnetic loop](#)
 - Europe, NZ/AU, Japan delivery — [Wellbrook ALA1530 series loop](#)
- Linear power supply
 - [Ebay](#) — specify 5V and 110 or 220 VAC when ordering

Reviews:

- RTL-SDR.com: [In-depth review](#), [TDoA extension review](#) **New**
- Frank, HB9FXQ, [hamspirit.de](#), "Blick unters Federkleid des KiwiSDR", ("Look under the plumage of the KiwiSDR"), [German](#), [English translation](#)
- Fernando, Fenu-Radio, [German](#), [English](#)
- Bjarne, [Arctic DX](#), The KiwiSDR: [Impressions](#), [Additional thoughts](#)
- Ron, KA7U, [blog post](#)
- Bob, VK5FO, [blog post](#)
- Jim, WA2ZKD, [forum post](#)

Media:

- Latest news and information on the [KiwiSDR forum](#)
- [Introduction to using the KiwiSDR](#)
- Comparison: [KiwiSDR / SDRPlay RSP2 / HackRF One](#)
- Original [Kickstarter campaign](#) with video
- Listening/operating tools
 - [directTDoA](#) project by linkz **New**
 - [Dynamic SNR map](#) by Marco, IS0KYB **New**
 - [Column-sort](#) list of Kiwis by Peter, VE3SUN
 - KiwiSDR map with [day/night overlay](#) ([legend](#))
 - KiwiSDRs ranked by [SNR score](#)
- Articles and blogs
 - [TDoA Direction Finding: First Experiences on the KiwiSDR Net](#), Nils, DK8OK **New**
 - IU8CRI: Come Costruire una Stazione KiwiSDR, [Italian](#), [English translation](#)
 - [GOLUJ blog](#), lots of great Kiwi setup and operating tips
 - [Reducing Ethernet Interference](#)
 - [HF Noise Reduction](#) (including VDSL)
 - [Signal Monitoring and Analysis blog](#),
Kiwi crowd-sourced TDoA direction finding by Christoph Mayer
 - [KiwiSDR: locating numbers stations and field agents](#) ([priyom.org](#))
 - [KiwiSDR: tuning into new numbers stations](#) ([priyom.org](#))
 - Other blogs of interest
 - [diario SWL I5-56578 Antonio](#) (HF utility/milcomm and signals)
 - [IK1YDE - Segnali e Modulazioni Digitali](#)
 - [Arctic DX](#)
 - [Utility Planet](#)
 - [Milcom Monitoring Post](#)
- YouTube
 - Videos sorted by [upload date](#), [relevance](#)
 - DRM using Kiwi IQ mode:

- Via Dream: [Ron, KA7U](#); [Ivan](#); [warezzzz65](#)
- Via SoDiRa: [polemtube](#)
- AM stereo C-QUAM using SoDiRa and Kiwi IQ mode: [polemtube](#)
- Tony, VK3KKP, [SDR radio receivers](#)
- Gary, M0TIG, [how to connect and setup](#)
- Ron, KA7U, [adjusting the waterfall and AGC](#)
- Tommy, N1SPY, [unboxing](#)
- Gilles, OfficialSWLchannel, [demo](#)
- [Tweets](#)

Projects using KiwiSDR:

- Mike's [Full stack GPS receiver](#) using the KiwiSDR GPS front-end