

RF Explorer WSUB1G+

SKU 114991051



This product contains battery, might apply to shipping restriction.

Description

RF Explorer WSUB1G+ is a powerful, high performance digital spectrum analyzer covering the 1GHz frequency range starting at 50KHz.

It is a very affordable solution replacing base model WSUB1G with additional features, capabilities and frequency coverage.

Features

- Internal LNA amplifier and selectable attenuator
- Low frequency support from 50KHz covering LF, MF, HF, VHF and UHF up to 960Mhz
- New HELP and SET buttons to improve user interface and configuration selection with 2-clicks
- Ideal choice for HAM bands from 160meters to 33cm
- Wide band coverage to all popular sub-1Ghz bands, including FM, TV and DTV, ISM, RFID, GSM, etc.
- Pocket size and light weight
- Solid aluminum metal case
- Spectrum Analyzer mode with Peak Max and Hold, Normal, Overwrite and Averaging modes
- High capacity internal Lithium battery for 16hs+ of continuous run, rechargeable by USB
- Multi-platform Windows/Linux/MacOS Open Source software and API libraries
- Can be extended with internal Expansion Modules for additional band and functionality

For any technical support or suggestion, please kindly go to the [official website](#).



Technical Details

Dimensions	180mm x 130mm x 70mm
Weight	G.W 543g
Battery	Lithium Cells / Batteries contained in equipment UN3481 - PI967
Frequency band	0.05 – 960MHz
Frequency span	0.1 – 960MHz
Internal selectable LNA	25dB gain
Internal selectable Attenuator	30dB
Screen	Graphics LCD 128x64 pixels, great visibility outdoors

Amplitude resolution	0.5dBm
Dynamic range	-125dBm to 10dBm
Absolute Max input power	+30dBm
Average noise level (typical LNA)	-125dBm
Frequency stability and accuracy (typical)	+/-10ppm
Amplitude stability and accuracy (typical)	+/-2dBm
Frequency resolution	1Khz
Resolution bandwidth (RBW)	automatic 2.6Khz to 600Khz

System	Support included for Windows, Linux and MacOS X
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Part List

Spectrum Analyzer	1
Mini USB cable	1
NA-773 antenna	1
UHF 400-900Mhz antenna	1
Silicone boot protection	1
EVA case	1