







This product contains battery, might apply to shipping construction.

RF Explorer WSUB1G+

SKU 114991051 [Read all reviews](#)

1

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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

Note:

When you receive this product, please update to the latest firmware (3.05) to solve the battery charging limit problem.

You can download the firmware in the Document.

If you'd like to buy or change the RF Explorer Battery, please click here.

Technical Details

Dimensions 0mm x 0mm x 0mm
Weight G.W 400g
Battery Lithium Cells / Batteries contained in equipment UN3481 - PI967

Part List

RF Explorer WSUB1G+1

ECCN/HTS

ECCN Not Available
HSCODE 9030401000

Certification

RoHS Compliant
Certification CE

Documents

User Manual.pdf
Update Instructions
Firmware 3.05

Reviews

Super little Spectrum Analyzer for some basic emi testing.

July 08, 2018 by Anonymous User

Was this review helpful?
0

excellent product!!

February 08, 2018 by Anonymous User

Was this review helpful?
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Questions and Answers

Have a question about this? Ask people who

0

The technical specs say that the battery is excluded. What kind of battery does it take and how much is the battery? Does the WSUB1G+ have a tracking generator? Thank you.

raphillips5 on Oct 29, 2017

Reply upvote (0)

Hi - it includes high quality internal Lithium battery 1000mAh The WSUB1G+ can be used with RF Explorer Generator to work in tracking generator mode, fully supported.

arocholl on Oct 30, 2017 18:08 PM

Reply upvote (0)

Hi Richard- Thanks for your comment. We have checked this product, it turns out that the battery is include. My college will fix the technical specs. What is more, the RF Explorer WSUB1G+ can work with tracking generator by using the RF Explorer Generator, same as other models. The Tracking SNA is fully supported. Regards

Seeed Techsupport Team on Oct 30, 2017 18:11 PM

Reply upvote (0)

@Seeed Techsupport Team It should probably be mentioned that the RF Explorer Generator only works down to 24 MHz, so the tracking sna does not fully support the WSUB1G+ below that frequency - unless I am reading the specs incorrectly. Regards.

herbert.walker on Oct 31, 2017 06:29 AM

Reply upvote (0)

@herbert.walker yes, that is correct. An internal expansion module will be available for the RF Explorer Generator in 2018 to work down to 100KHz (or probably even lower).

arocholl on Oct 31, 2017 19:08 PM

Reply upvote (0)

0

with a freq known in transmission I checked on two new RF Explorer WSUB1G+ and both were much more inaccurate than the old 3g combo both in standalone mode and with third-party software, why?

bigpigs73 on Apr 09, 2018

Reply upvote (0)

Hi, the accuracy of RF Explorer WSUB1G+ is the same as 3G Combo. Please contact directly with <http://support.rf-explorer.com> if you need to diagnose any problem.

arocholl on Apr 10, 2018 15:57 PM

Reply upvote (0)

0

Hello I have a question, when set attenuator on the top dbm scale top is 60 dbm this is correct dbm = 1kw but 30 db not equal 30 dbm so diferent things, I dont understand could you explain me, thanks

marcoslerner01 on Feb 09, 2018

Reply upvote (0)

Hi Marcos, you are confusing dB and dBm. While 60dB means an attenuator is able to reduce the power 10^6 times, it is totally different than 60dBm which is a power value. Attenuators are specified in dB, not dBm. Let us know what measurement exactly you need to do so we can better assess you on what is the right attenuator.

arocholl on Feb 09, 2018 20:11 PM

Reply upvote (0)

0

Our 1G PLUS came in yesterday at 41% charge, we charged it on a USB charger overnight and it will only go to 63% and it will go no further. Is there something wrong? Shouldn't it go to 100%

rkeller on Dec 20, 2017

Reply upvote (0)

Hi rkeller- The battery is ok, but firmware in WSUB1G+ does not properly account for 100% charge counter. The supplier will improve in a future firmware in January.

Seeed Techsupport Team on Dec 22, 2017 09:21 AM

Reply upvote (0)

0

I'm trying to detect TETRA digital radio frequency emitting from emergency service vehicles (I know they are using TETRA system with a frequency range of 380-430 MHz). Can RF Explorer WSUB1G+ detect those frequencies? If it can, how far away can it detect the signal? I mean I am looking at a range of 1000 meters.

dskn1483 on Nov 20, 2017

Reply upvote (0)

Hi there- Here are the reply from the supplier --The signal detection really depends on the antenna you use, with the included antenna may not be easy to differentiate from other nearby noise if too far from the signal source. If you know the orientation of the signal source you can use a directional yagi antenna and point towards that direction, it will have a much longer detection distance. We suggest you to try and we can provide support if you run into questions. regards

Seeed Techsupport Team on Nov 27, 2017 19:10 PM

Reply upvote (0)

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