

[Mute This Topic \(https://groups.io/g/Rohde-and-Schwarz/ft/93496544?csrf=5513314409256117711&mute=1&p=Created%2C%2C%2C20%2C2%2C0%2C0\)](https://groups.io/g/Rohde-and-Schwarz/ft/93496544?csrf=5513314409256117711&mute=1&p=Created%2C%2C%2C20%2C2%2C0%2C0)

EB200 Miniport Manuals / Annex missing

Date (<https://groups.io/g/Rohde-and-Schwarz/topic/93496544?p=Created%2C%2C%2C20%2C2%2C0%2C0>)

DC3AX

Sep 6 (<https://groups.io/g/Rohde-and-Schwarz/message/4181>)

Hi!

All manuals I got (even from the R&S support) only contain the numbered chapters from 1 to 5. All the Annex A to H are missing. They describe the RS232 and LAN communication, Digital IF out and several interesting ways of how to measure certain things with this unit.

In addition nobody seems to have these two separate handbooks:

- Interface Description, R&S number 4052.2000.01 SB
- Test Instructions, R&S number 4052.2000.01 T

Can anyone please copy these for me electronically?

Ps: I am still on the hunt for a battery shell and the IF-Panorama option

73 de Ulrich

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Herman van Rees

Oct 7 (<https://groups.io/g/Rohde-and-Schwarz/message/4223>)

Hallo Ulrich,
Ich hab meine Dateien mal nachgeschaut.
Ich habe Annex A bis J in pdf format
Die Digital ZF daten ausgabe is in einen separaten Document beschrieben.
Das habe ich auch.
Ich kann en uploaden im die File directory oder direct via mail oder we transfer zu schicken.

Mit fr. Gruess,
Herman,
PA0VRE


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Herman van Rees

Oct 7  (<https://groups.io/g/Rohde-and-Schwarz/message/4224>)

Hi Ulrich,

Look into the file section of the EB200!

I added this annexes there.

If you need more i can have a look what more i have.

I had good contacts with R&S as a customer and got some good contacts via via in Munich.

As i am retired this relation is low level now as long as the people which i knew there still work there and remember me.

I acquired this info in the good time.

The documentation center in Munich is reorganized and much old paper stuff is no longer accessible.

In this group.io we can exchange to each other this hard to find doc's

I love it!

Succes with it and i am interested what you are doing with your EB200

I own an EB150, that is a EB200 minus ethernet and serial RS232 port

Spectrum option installed, if panorama option missing.

If you find more than one i am interested.

73,


Herman,

PA0VRE

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 1 person liked this



DC3AX

5:15am  (<https://groups.io/g/Rohde-and-Schwarz/message/4229>)

Hi and sorry for the delay :)

I am not retired and therefore ... You know it all.

First of all thank you to all people here, that provided me with information about that unit. Thank you Herman for putting the manuals on-line, I am not sure about Ray, I have to ask him if I can upload the manuals too.

The primary mission was to check the radio and verify it is working as specified in the datasheet. And yes, it is mostly working ok, just a bit deaf on the very low end of the filters. Second I wanted to be able to service the unit. There is enough information now to identify modules and simple service points. So I was at least able to disassemble the unit, understand most of the parts and their job. I have replaced the battery and checked the power supplies.

With that the unit is actually now serving as your primary local radio, sending it's stereo output into our sonos system. It is also used as a scanner for the local HAM repeater frequencies to catch activity. The ICOM IC-R9000 besides it looks much more impressive but is not able to decode stereo. And the tube monitor in my R9000 is in nearly perfect condition so I try to conserve it as much as I can. So the EB200 is more of an every day runner.

However, on the long term I'd like to remote control and listen to the EB200 and I am thinking of attaching it to a Raspberry or Orange Pi. Reading in the IQ signals would enable the use of gnu radio or other decoders for ADSB, Satellite Telemetry and such. For that the unit will move to my 2nd QTH and will be attached to a large Discone Antenna.

73

Ulrich DC3AX

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Peter Hansen

6:02am [🔗 \(https://groups.io/g/Rohde-and-Schwarz/message/4230\)](https://groups.io/g/Rohde-and-Schwarz/message/4230)

Hello Ulrich I just repair my EB200 I have bands def in mine too. There is a preselector in the front with switchable filters. A multi Gasfet Switch AS124 does that. a AS124 was bad. I have a complete EB200 and then also modules from a EB200 both preselektor modules had fail in the Switch bank not same switch. It is easy to work on. Just open the box and measure the DC control signal to the AS124 (there are 2 of them) and if voltage looks strange on some of then pins you have same fault. I bought switches on ebay quite cheap from a EU source. Now works perfect with all sensitivity correctly. Quite impressive machine but compact as hell
best regards Peter OZ1LPR

Fra: Rohde-and-Schwarz@groups.io <Rohde-and-Schwarz@groups.io> på vegne af DC3AX via groups.io <ulrich.prinz@...>

Sendt: 12. oktober 2022 14:15

Til: Rohde-and-Schwarz@groups.io <Rohde-and-Schwarz@groups.io>

Emne: Re: [Rohde-and-Schwarz] EB200 Miniport Manuals / Annex missing

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73

Ulrich DC3AX

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Herman van Rees

8:32am [🔗 \(https://groups.io/g/Rohde-and-Schwarz/message/4232\)](https://groups.io/g/Rohde-and-Schwarz/message/4232)

Hello Peter,

I have had troubles with the preselector as well.

Cause: the AS124 was defective, resulting in a faulty result when activating the test button.

Sensitivity on some filtersections was 10dB below spec.

I found this chip in Polen at a nice webshop selling a lot of interesting components .

See this link for the gaas switch

https://shop.tvosat.com.pl/en_GB/searchquery/as124/1/phot/5?url=as124 (https://shop.tvosat.com.pl/en_GB/searchquery/as124/1/phot/5?url=as124)

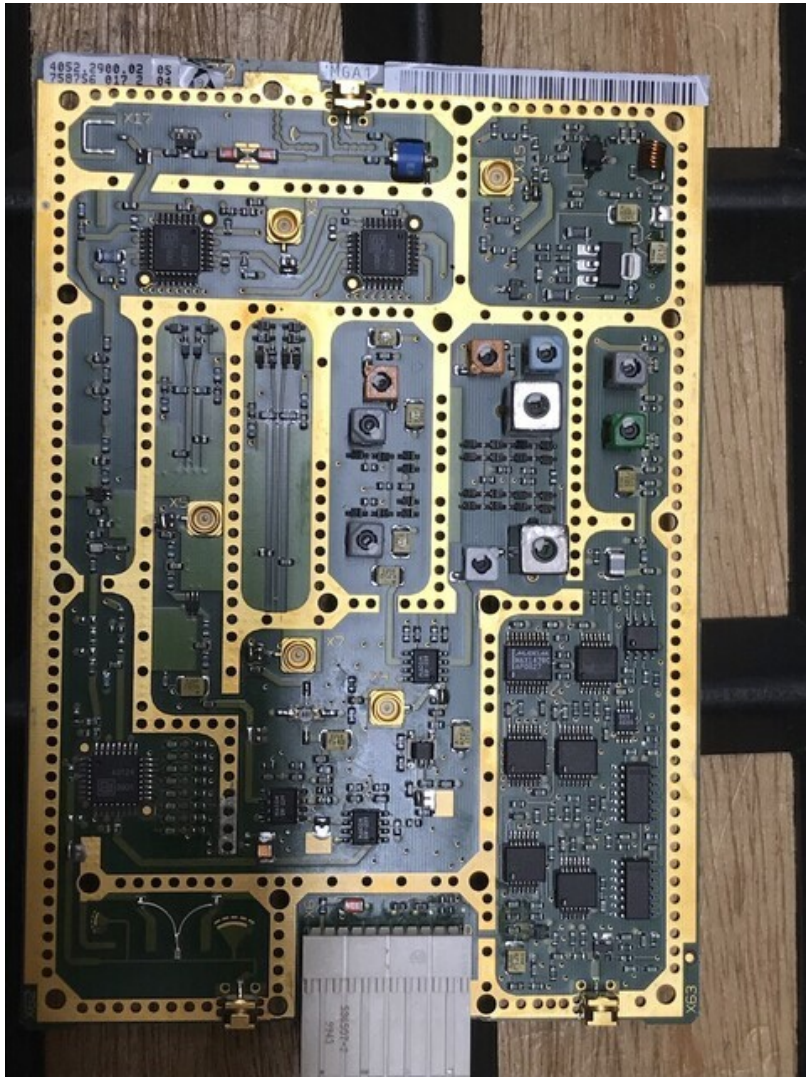
some pics i made of the repair:

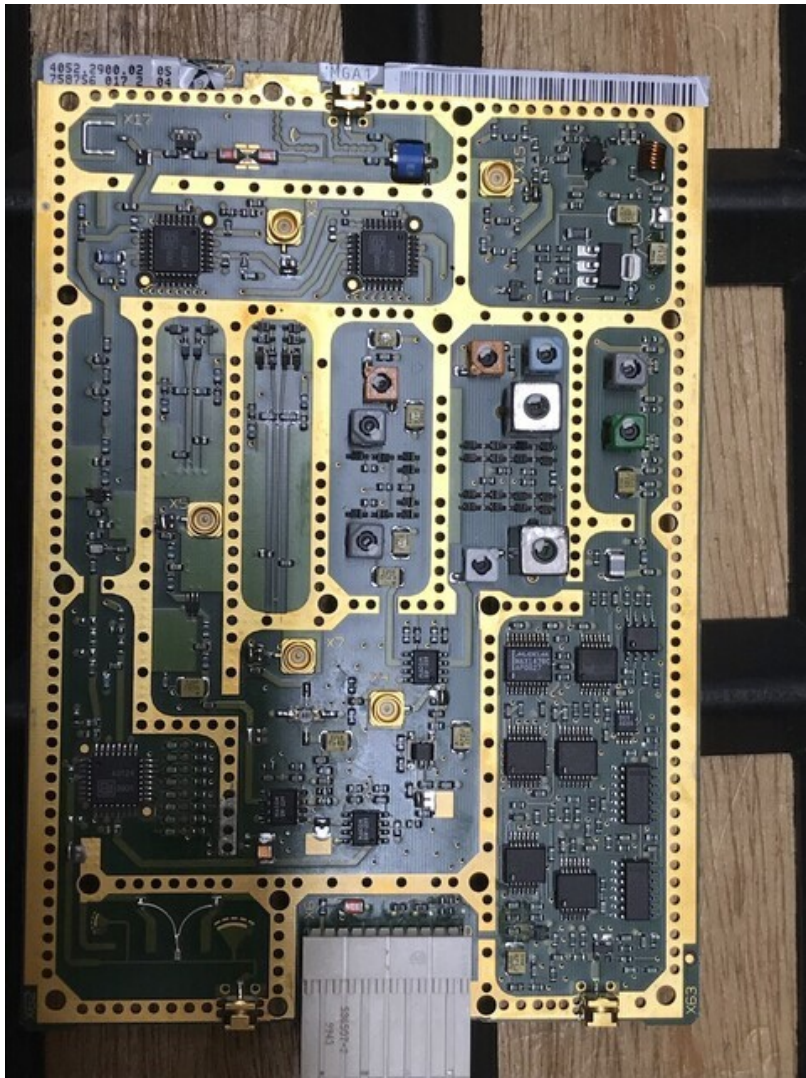
Seems that this problem occurs more if i read your fault description

After replacing this switch everything was back OK until now.

With greetings from the Netherlands,

Herman PA0VRE.





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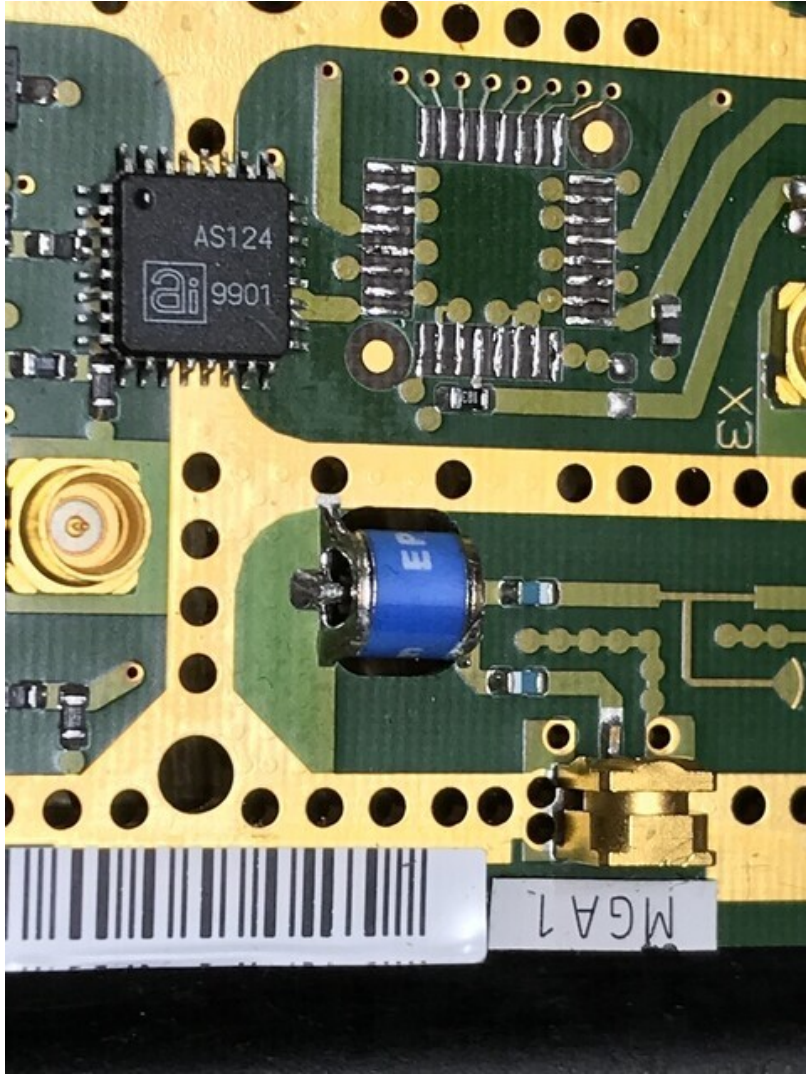
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Herman van Rees

8:37am <https://groups.io/g/Rohde-and-Schwarz/message/4233>

Something with the upload of pictures went wrong.
This is the other one i wanted to share.
And for Ulrich: fine that this files help you.
I found more in my documents, installing instructions for the IF panorama option.
If you need them, send me a message.
73,
Herman,
PA0VRE



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<https://groups.io/g/Rohde-and-Schwarz/topic/93687421?p=%2C%2C%2C20%2C0%2C0%2C0%3A%3A%2C%2C%2C0%2C0%2C93687421>



