

Sbooster Node N130 Active Interface Board AIB Instruction Manual

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Manual for Sbooster's Active Interface Board (AIB) for the Node N130

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Node N130 Active Interface Board AIB

Thank you for purchasing the Sbooster-Node N130 AIB to upgrade the Bluesound Node N130. In just 20 minutes of your DIY-time you are able to take out the stock SMPSboard of the Bluesound Node N130 and to connect it to the Sbooster BOTW P&P ECO 5-6V external power supply.

In the package:

- Active Interface Board (AIB)
- Cryo-treated replacement fuse for BOTW P&P ECO MKII 5-6V, marked with a black dot.

Notes before you start:

- The AIB for the Node N130 can only work with the BOTW P&P ECO MKII 5-6V, set to 6V

- Make sure the Node N130 and the BOTW P&P ECO MKII 5-6V are disconnected from the mains.
- Caution: Watch-out for Electrostatic Discharge (ESD).

Make sure that when you are working on the Node N130, the AIB and/or the BOTW P&P ECO MKII 5-6V, that you are fully electric discharged to prevent damage to the electronics.

You can discharge yourself by touching your grounded device like an Amplifier, Radiator or Fridge, etc.

Needed tools

- Screwdriver



Step 1: Remove the rear cover, which is attached with a magnet.



Step 2: Remove 3 screws to unlock the top of the Node.



Step 3: Carefully open the top part of the housing by lifting it from the back of the device, until you hear a loud “click”. Be careful not to damage the tapes and wires.
Do not disconnect any of the tapes and wires, unless indicated hereafter.



Step 4: Disconnect the white connectors from the sockets.



Step 5: Remove 4 screws of the Node's power supply board and take out the metal bracket that covered the connector.





Step 6: Remove 2 screws from the back panel.
Then remove the Node's switching power supply board.



Step 7:
IMPORTANT:
Take out the black plastic sheet.



Step 8: Result after removing the internal SMPS and plastic cover sheet.

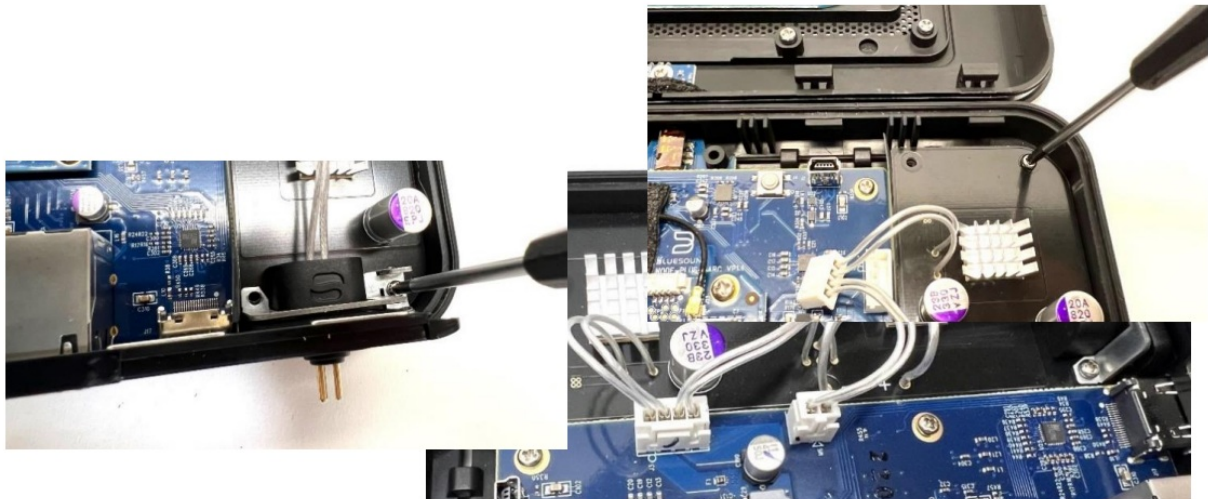


Installing the Sbooster Node AIB

Step 9: Insert the AIB so that the pin on the bottom plate fits the hole on the AIB.



Step 10: Place the mains connector plate over the connector and screw the AIB with 4 screws to the enclosure.

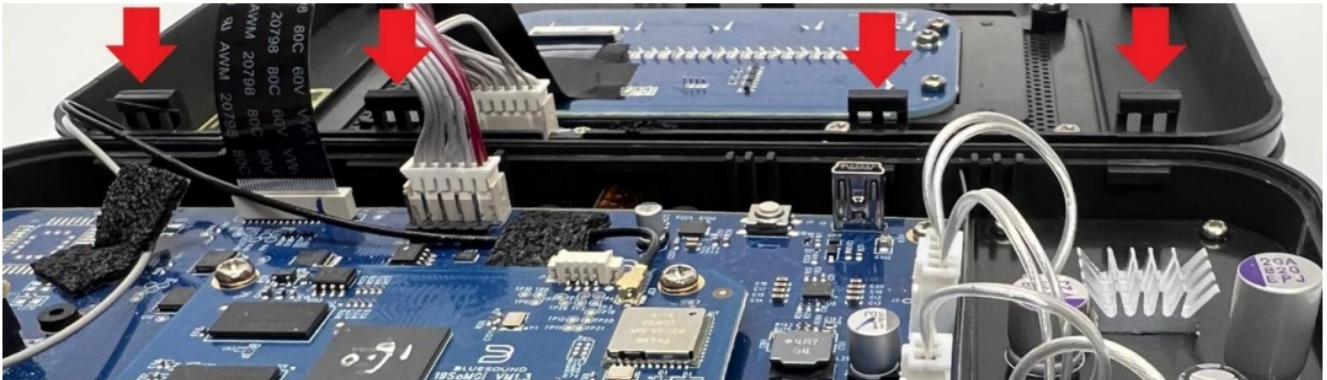


Step 11: Connect the 4-pin and 2-pin connectors in their matching sockets.

Step 12: Screw the 2 screws to tighten the Sbooster connector.



Step 13: Place the top of the enclosure carefully on the bottom then hook the plastic parts in the bottom. Do not damage the tape and wires. When closing you will probably need to push it firmly.



Step 14: Screw the last screws back into place and then install the magnetic panel cover.



Now the Bluesound Node is ready to be connected to the Sbooster BOTW P&P ECO 5-6V. Before using, please read the manual of the Sbooster BOTW P&P ECO power supply. Please note: the BOTW P&P ECO 5-6V power supply needs to be set on 6V DC output setting. The Sbooster AIB includes an active filter. This means that the filter needs power to operate. The output to the Node is a cleaned 5V.



Final step: connect the BOTW P&P ECO and switch on the power.

Changing the fuse of the Sbooster BOTW P&P ECO power supply

To change the fuse, the enclosure of BOTW P&P ECO has to be opened.

Opening the enclosure is straightforward.

Step 1:

Turn "OFF" the BOTW P&P ECO and wait for 30 seconds until the green LED is fully dimmed.

Disconnect the BOTW P&P ECO from your audio device. Disconnect the BOTW P&P ECO from the mains and remove the mains cable from the BOTW.



Step 2:

Turn the BOTW P&P ECO upside down. There are 4 small screws on the bottom side; remove them.



Step 3:

Turn the BOTW P&P ECO back on its feet. The enclosure can now be opened. This might be difficult. To make this easier use a wooden clothespin, chopstick, or other type of wedge to shove in the gap/line between the top and bottom parts of the enclosure.



Step 4:

When the enclosure is opened, you will find the fuse on the back side of the mains filter. You can easily flip it out with a pencil or chopstick.



Step 5:

Install the new fuse and install the enclosure cover back on the bottom then screw the 4 screws. And you are ready!

DO NOT use the BOTW P&P ECO without enclosure cover.

The mains filter contains a lethal voltage.

Sbooster


Manufactured by HD Electronics Ltd.

For more information visit:

www.sbooster.com

For questions contact your dealer, or send us an email:

Documents / Resources

	<p>Sbooster Node N130 Active Interface Board AIB [pdf] Instruction Manual</p> <p>Node N130 Active Interface Board AIB, Node N130, Active Interface Board AIB, Interface Board AIB, Board AIB</p>
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References

- [Sbooster](#)
- [Sbooster](#)
- [User Manual](#)

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