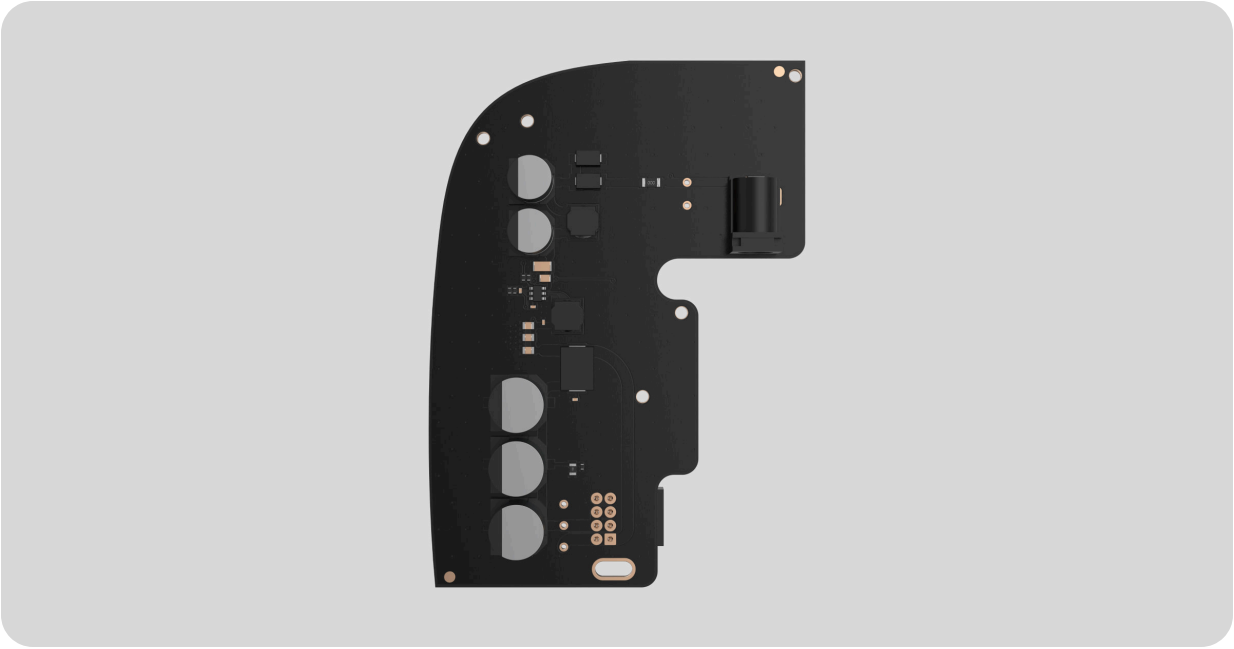
12V PSU for Hub 2/ReX 2 user manual

Updated July 16, 2024



12V PSU for Hub 2/ReX 2 is out of production. The new alternative power supply **12–24V PSU for Hub 2/Hub 2 Plus/ReX 2** is available for ordering.

Buy 12–24V PSU for Hub 2/Hub 2 Plus/ReX 2

User Manual 12–24V PSU for Hub 2/Hub 2 Plus/ReX 2

12V PSU for Hub 2/ReX 2 is a power supply unit, connecting the **Hub 2** control panels to 12 volt DC sources. This is an electronic board, replacing the standard 110/230 V power supply unit in the body of the device.

Buy other accessories for hubs

Installing

12V PSU for Hub 2/ReX 2 should be installed by a qualified electrician only.

Before installing the power supply, make sure that the device is disconnected from the mains.

When installing the 12V PSU for Hub 2/ReX 2, follow the general electrical safety rules, as well as the requirements of electrical safety regulatory acts. Never disassemble the device while it is under voltage!

Installation process:

1. Remove the screws and take off the device from the SmartBracket mounting panel, shifting it down with force.

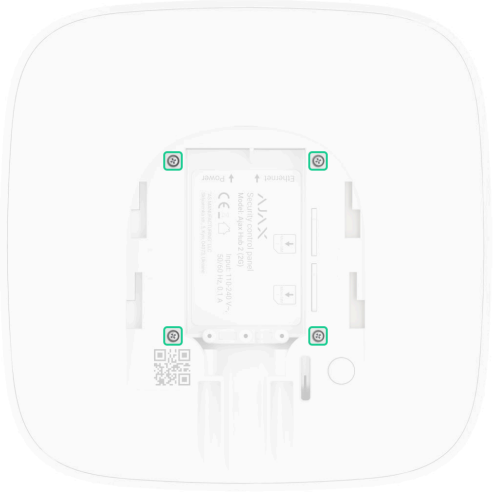


2. Switch off the device holding the power button for 2 seconds.
3. Disconnect power and Ethernet cables.

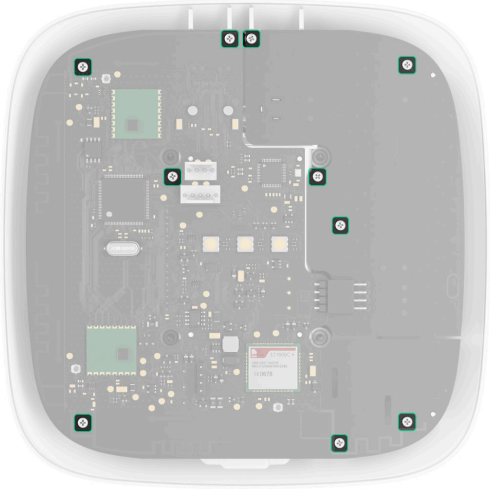


Wait 5 minutes for the capacitors to discharge.

4. Remove four screws of the back lid and take it off.



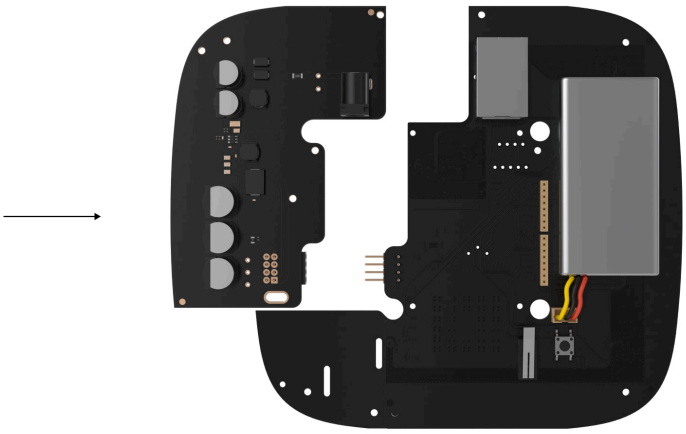
5. Remove the screws attaching the boards to the device body.



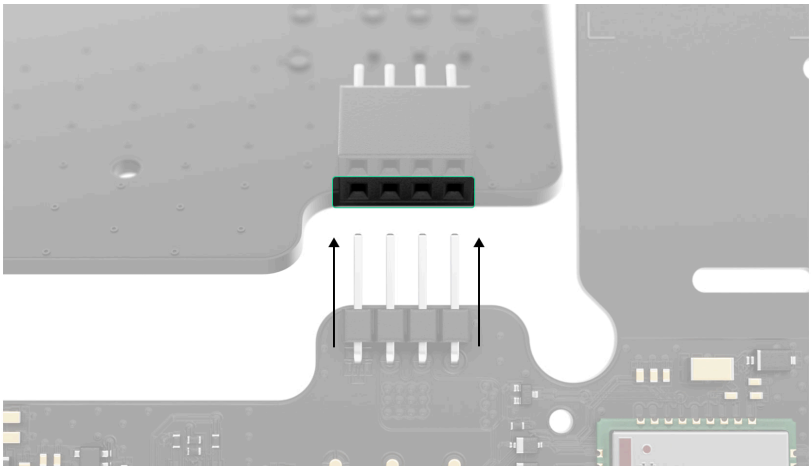
6. Carefully remove both boards, keeping them in the same plane and not disconnecting them. There is a connector between boards: do not break it.



7. Disconnect the power supply unit (smaller board) from the mainboard.
8. Connect 12V PSU for Hub 2/ReX 2 to the mainboard using the eight-pin connector between them. Do not warp or bend the antennas while replacing the board: this can cause the device to malfunction.



Please note: the board contacts should be plugged in the bottom row of the connector (closest to the board). When connected correctly, the boards are on the same level.



9. Reassemble the boards and the device body than tighten the screws.

Check that the battery and its cables are not clamped. When installed properly, the boards stand firmly on all guides and do not stagger. Holding the boards together with the back lid, turn the device over. The SIM card slot, power, and Ethernet sockets should match accurately and fit the corresponding sockets, and the power button should not be stuck.
Change the information about input voltage on the device body to avoid incorrect power connections in the future. Use the special bundled sticker with the instruction.

10. Connect the power (and Ethernet cable) to the appropriate sockets.

11. Switch on the 12 V power source.

> Do not connect the power cable with a voltage that exceeds the acceptable input voltage.

12. Switch on the device by holding the power button for 2 seconds.

13. Close and fix the SmartBracket mounting panel.

Switch on the device, wait until loading, and check the external power status in the Ajax app. If there is no power, and you are using a terminal adapter, check the polarity of the connected wires. If there is no power even after reconnecting, please contact the Support Service.

Maintenance

The device does not require technical maintenance.

Techical specifications

All technical specifications of 12V PSU for Hub 2/ReX 2

Compliance with standards

Complete Set

1. Ajax 12V PSU for Hub 2/ReX 2.
2. Terminal adapter.
3. Quick start guide.

Warranty

Warranty for the AJAX SYSTEMS MANUFACTURING Limited Liability Company products is valid for 2 years after the purchase.

If the device does not function correctly, please contact the Support Service first. In half of the cases, technical issues can be solved remotely!

Warranty Obligations

User Agreement

Technical support: **support@ajax.systems**

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