

Reset and Reboot Procedures

Have you tried turning the device off and on again?

Sometimes all that is needed is a reboot. This can be done for the skaarOS / the full Blue Pill / or per package.

No Access to Blue Pill Web Interface

If you are not able to access Reactor webpage at all, then you have two options:

1. Press paperclip into 'Config Button' hole on back of device > hold it for 5 secs.
This will reset IP address to DHCP - and enable the Wifi module, allowing you to access it using a wireless connection. Please read the wiki 'Accessing Blue Pill > Wi-Fi Access Point' for this: <https://wiki.skaarhoj.com/books/blue-pill-reactor/page/accessing-blue-pill-1be>
2. Do a complete Reflash of the software.
This will replace the entire software-image-file. A guide is provided in this article: <https://wiki.skaarhoj.com/books/blue-pill-reactor/page/reflash-blue-pill-devices>

Blue Pill Reboot

On the Settings page, click the Reboot button in the System Information section. This will restart the entire unit.

System Information

System component	Installed version
Operating System	1.3-pre1
Device Type	Blue Pill Server (bluepill)
System Manager	v1.0.6 (d80c561)
Serial Number	44 XXXX
Ethernet IP	192.168.11.140
Ethernet MAC	58:48:49:10:00:69
System Memory Usage	57%

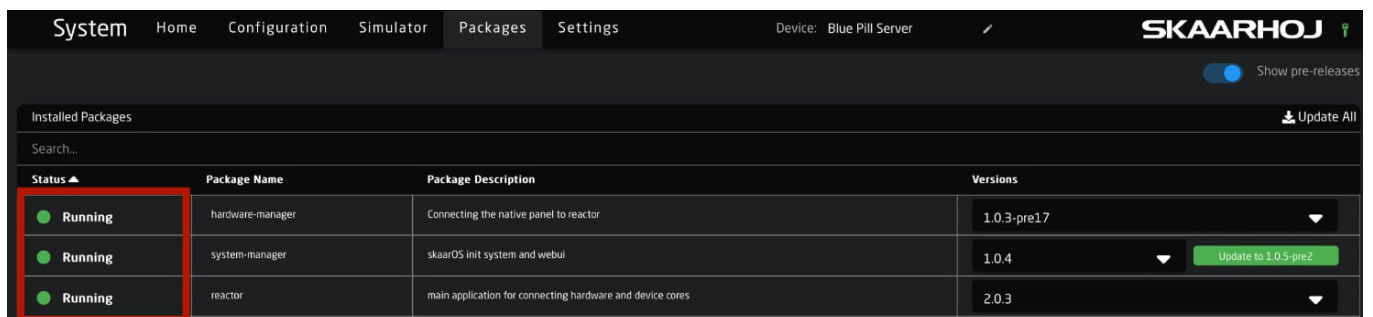
Licenses

Identify

Reboot

Package Restart

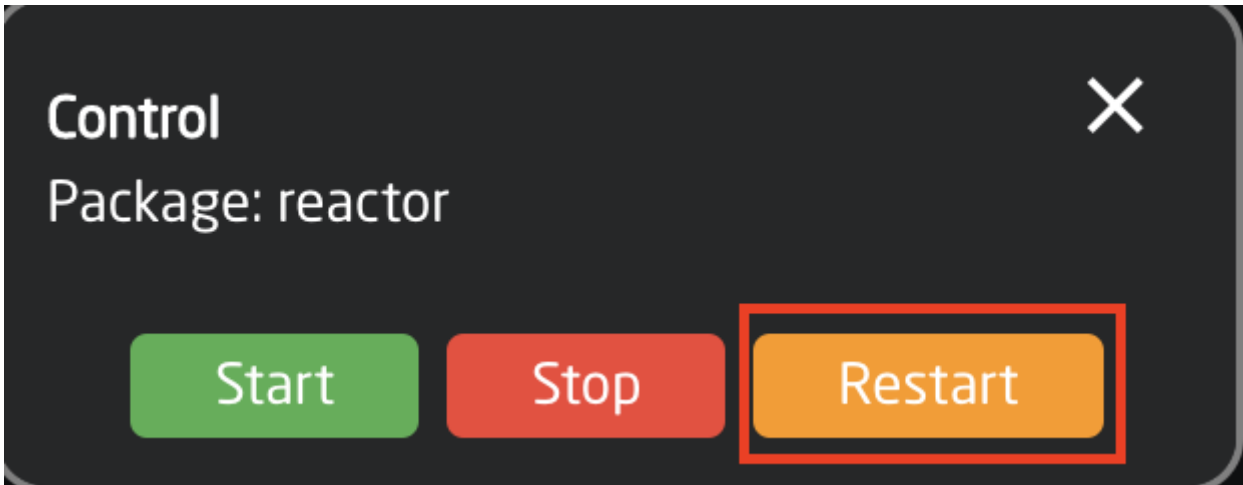
You can restart an individual package on the Packages page. Click on the status of the package (being Running or Stopped) to be restarted.



The screenshot shows the SKAARHOJ interface with the 'Packages' tab selected. The 'Installed Packages' section contains a table with the following data:

Status	Package Name	Package Description	Versions
Running	hardware-manager	Connecting the native panel to reactor	1.0.3-pre17
Running	system-manager	skaarOS init system and webui	1.0.4 Update to 1.0.5-pre2
Running	reactor	main application for connecting hardware and device cores	2.0.3

Then click 'Restart' in the pop-up.



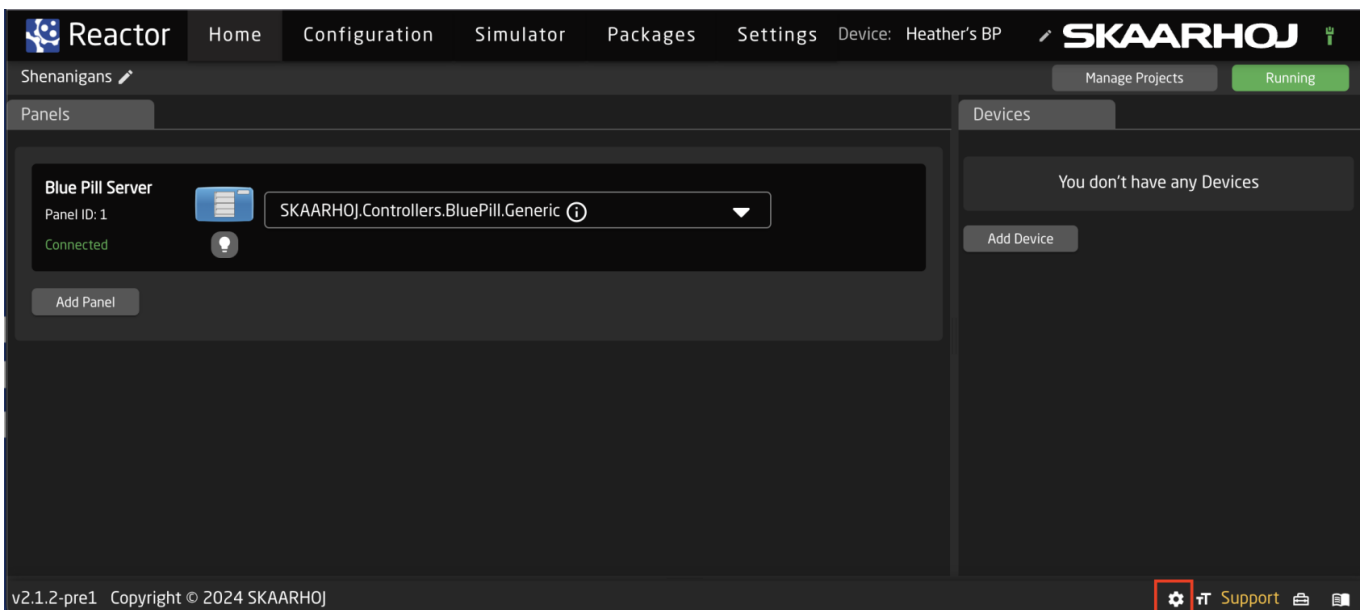
Reactor Reset

Note: This will ERASE ALL CONFIGURATIONS on the device. This does not change network settings. Please export any project files you do not want to lose.

Regular Reset

In most instances when someone wants to do a Factory Reset, they only need to do a Reactor Reset. This would erase all projects and configuration changes. It would not delete the downloaded device cores or change the network settings.

One the Home page, click the 'Settings' icon. Then in the pop up click 'Full Delete' next to Reset Reactor.



Panel Groups
✕

Show Panel Groups on Homescreen.

Show Filenames in Dropdowns

Display the actual filenames instead of the configuration names in dropdowns for selecting LinkIDs.

Show Temperature and CPU Usage

Display the device's temperature and CPU load in the footer.

Tour of Reactor
Start tour

Initiate a guided tour around the Reactor.

Reset Layout
Reset

Restore the layout to its original configuration.

Shared Collection Warning

Show warning when shared collections are in use.

Reset Reactor
Full Delete

Completely reset all of reactors data. This will delete all your projects!

[Changelog](#)

Crashed Reactor Reset

If a configuration has crashed Reactor, and you can only access the 'Packages' and 'Settings' pages, you may need to erase the content of the configuration directory.

On the Packages pages, click 'Reactor'. Then click 'Clear config directory'. Finally click 'Confirm and restart'.

System
Home
Configuration
Simulator
Packages
Settings
Device: Blue Pill Server
SKAARHOJ

Package > reactor, Version: 2.0.3 main application for connecting hardware and device con

● **Running**
Stop
Restart
Auto Start
Clear config directory
Download Logs
Backup Data
Uninstall

No package config available, either the package does not provide any or you need to run it at least once to generate it.

```

module=panels
4/11/2024, 11:03:38 warning Failed to connect to panel with id 2 error=dial
tcp 192.168.11.170:9923: connect: connection refused module=panels
4/11/2024, 11:03:38 info Loading presets from /conf/layers/ETHGPI/presets/pre
sets.json module=presets

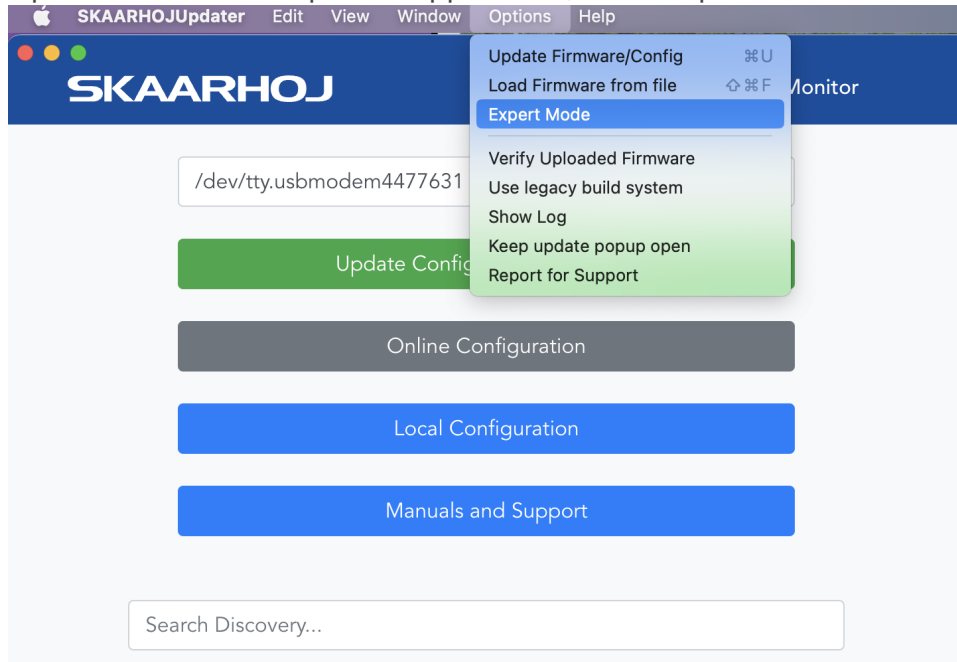
```

click to erase all configurations

Boot Repair

If a panel appears to be frozen, one thing to try before a complete reflash is a boot repair. This is a lossless process that does not erase project data.

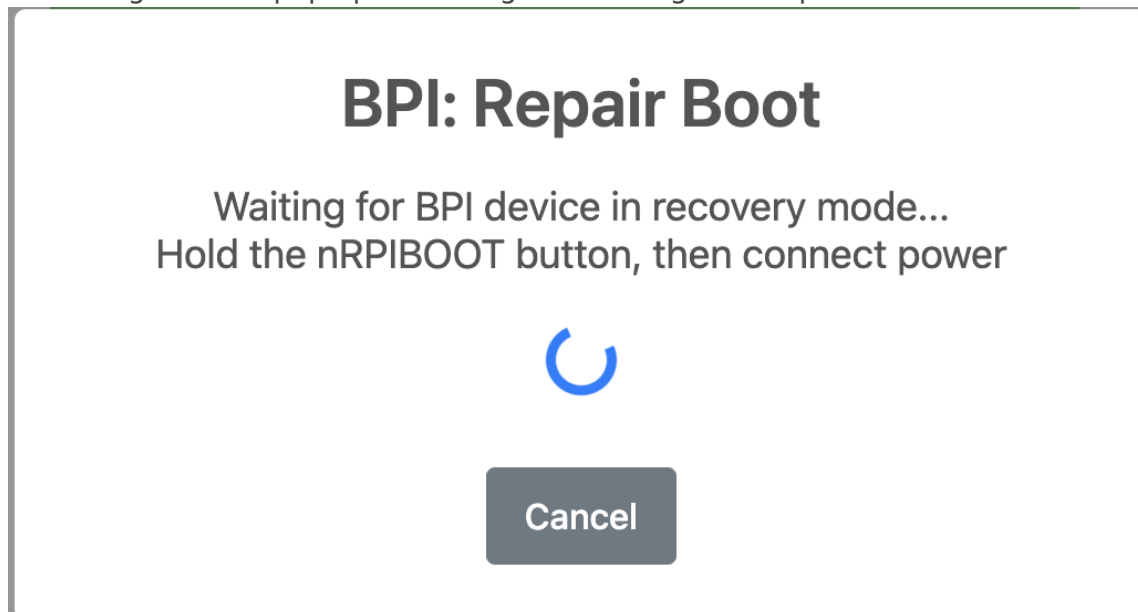
1. Please download this special version of the Skaarhoj Firmware Updater:
https://drive.google.com/file/d/1pGqcvW95LdNW5YhpCfGN07f6rV_d9tZf/view
2. Start with the panel powered off and disconnected from the micro USB.
3. Open the Firmware Updater Application, select Options -> Enable Expert mode



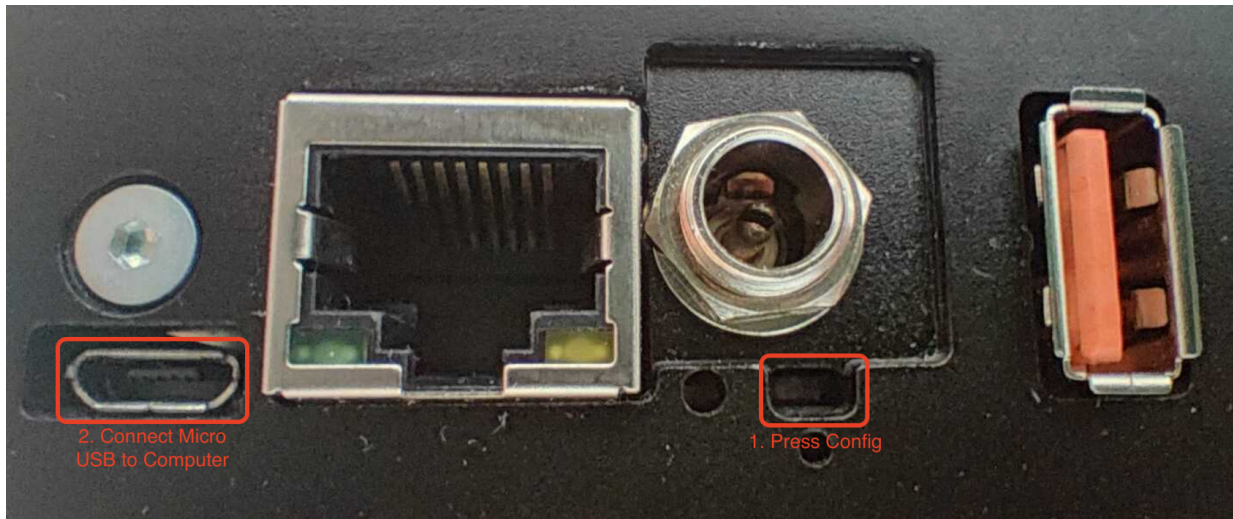
4. Select Options -> BPI:Repair boot



5. A message should pop up indicating it is waiting for the panel's drive to be mounted.

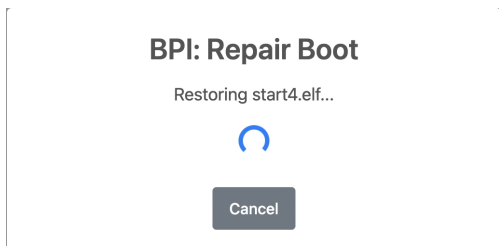
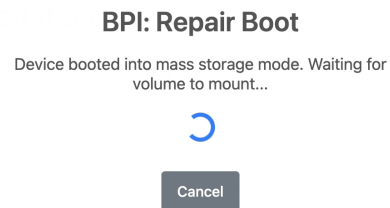
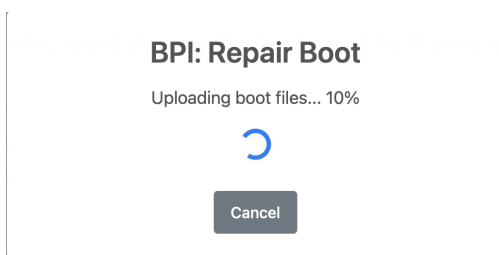


6. Press and hold the config button (you will feel a tiny click when you press it - but it can be tricky) on your Blue Pill panel while connecting the Micro USB cable between the panel and the computer.



7. Continue holding the config button and also apply power to the panel.

8.



BPI Boot Repair Complete

Default config files have been restored. You can now disconnect the device.



9. Reboot the panel and it should be good to go.

Factory Reset

Note: This will ERASE EVERYTHING you have done on the Blue Pill device including network settings.

If you think you really messed up the Blue Pill in some way, you can do a Factory Reset of the unit. Please reach out to Skaarhoj Support for further information. This is generally a last resort step and is not advised in most cases.

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