

# Update Software

Follow this guide to update the Blue Pill software.

If the Blue Pill device does not have access to the internet, the option to download the core via the web browser should be available.

If Blue Pill is unable to communicate with our server, please read the troubleshooting chapter:  
<https://wiki.skaarhoj.com/books/blue-pill-reactor/page/unable-to-update-device-corespackagesos>

## Update Operating Packages

Open the 'Packages' page.

Locate the 4 lines: 'hardware-manager' / 'system-manager' / 'reactor' / 'SkaarOS'

If a green 'Update' button is displayed to the right of any of them, this means there is an update available.

If so, please click the 'Update' button for each of them or the Update All button

( After the update, if they do not display 'Running' you must click the 'Stopped' text and select 'Restart'. )

System Manager and SkaarOS do not update via the Update All option. These need to be updated individually.

It is recommended to update SkaarOS last as it requires a reboot.

Status	Settings	Package Name	Package Description	Versions
Running	⚙	core-bmd-atem	core for BlackMagicDesign ATEM Video Mixers	1.1.0-pre11
Running	⚙	core-canon-xc	Core for Canon cameras supporting the XC protocol	1.0.10-pre5
Running	⚙	hardware-manager	Connecting the native panel to reactor	1.0.5 <span>Update to 1.0.6-pre2</span>
Running	⚙	system-manager	skaarOS init system and webui	1.0.8
Running	⚙	reactor	main application for connecting hardware and device cores	2.2.1 <span>Update to 2.2.2-pre1</span>
Running	⚙	skaarOS	main operating system	1.4-pre1

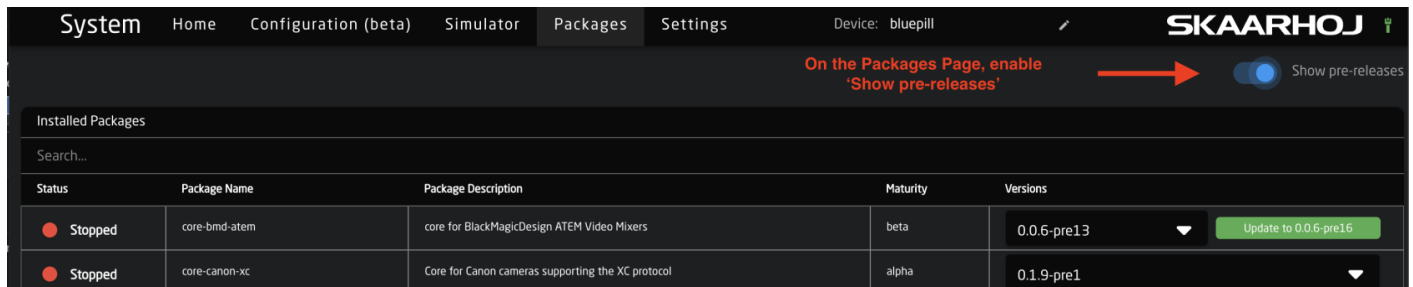
Want to install a package manually? Upload and install package

# Update Pre-Release Versions

Show Pre-Release must be enabled to see pre-release versions on the Packages page.

This is done by clicking on the toggle at the top of the Packages page.

( This only affect the current web browser in the current session. It will be off next time you log in. )



The screenshot shows the Skaarhoj web interface. At the top, there is a navigation bar with tabs: System, Home, Configuration (beta), Simulator, Packages, and Settings. The 'Packages' tab is selected. To the right of the navigation bar, it says 'Device: bluepill' and 'SKAARHOJ'. Below the navigation bar, there is a red arrow pointing to a toggle switch labeled 'Show pre-releases', which is currently turned on. Above the toggle, there is a red text box that says 'On the Packages Page, enable 'Show pre-releases''. Below the toggle, there is a table titled 'Installed Packages'. The table has columns: Status, Package Name, Package Description, Maturity, and Versions. There are two rows of packages listed.

Status	Package Name	Package Description	Maturity	Versions
Stopped	core-bmd-atem	core for BlackMagicDesign ATEM Video Mixers	beta	0.0.6-pre13 <span>Update to 0.0.6-pre16</span>
Stopped	core-canon-xc	Core for Canon cameras supporting the XC protocol	alpha	0.1.9-pre1

## White list our server URL's

In order to download software, Blue Pill must have network access to these 3 domains:

- <https://pkg.skaarhoj.com>
- <https://init.skaarhoj.com>
- <https://lb1.skaarhoj.com>

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