



## Backend Server Switch Instructions for Inovato Quadra and N0LSR HK1RBOX (05/26)

The team around Open Hamclock Backend (OHB) has a new HamClock version released (V4.23). To get the update and any future updates over the wire, a redirect must be configured in your device. Thanks to Keith, G6NHU a set of scripts is available to make this very easy. With this redirect applied, you will receive any future update to HamClock immediately. You will see the version number turning red on your HamClock display if a new version is available. You can trigger the update by clicking on it.

### **The process for any of the Quadras is very similar**

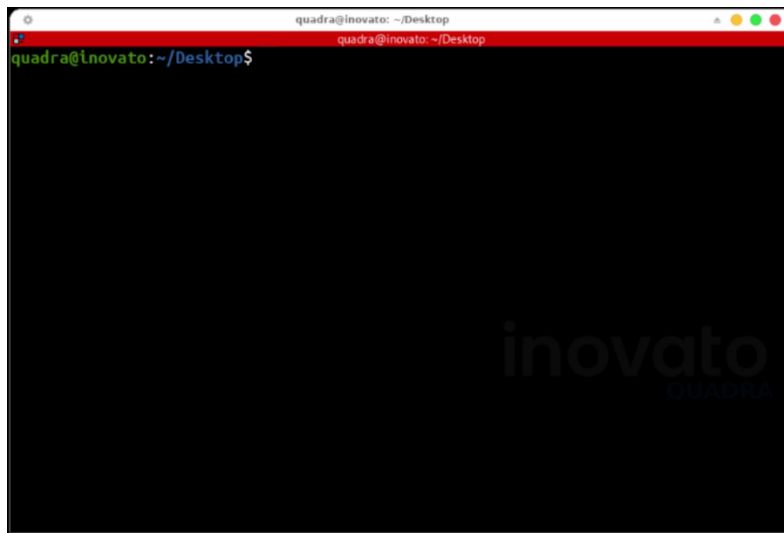
If your HamClock application is running, stop it by executing “Exit HamClock” from the “Lock” menu.



When you see the desktop then do the following:

- Opened a terminal window with a right click on the desktop



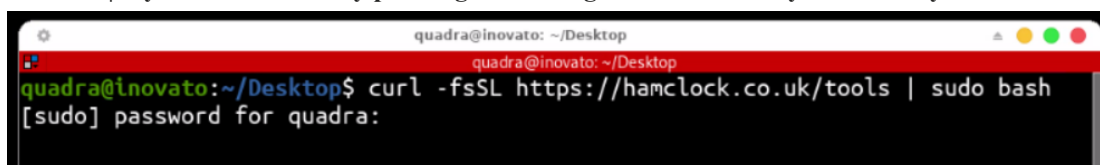


```
quadra@inovato: ~/Desktop$
```

Execute the following commands:

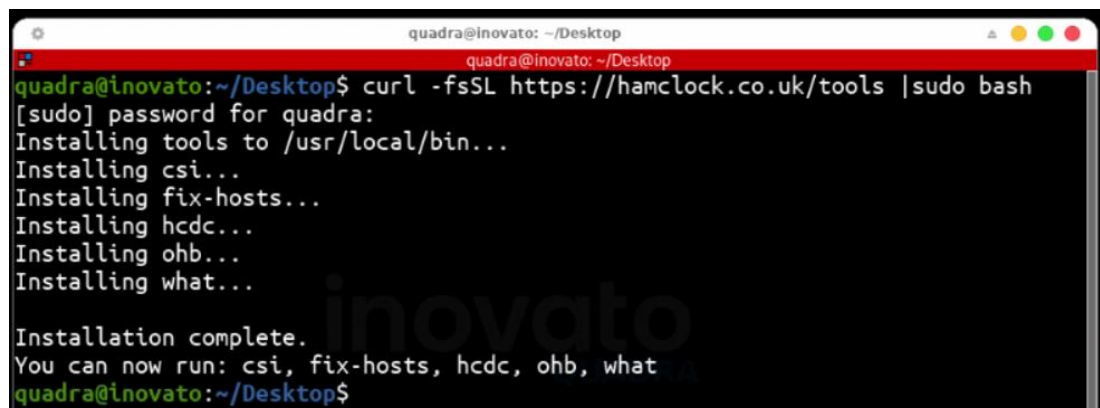
```
curl -fsSL https://hamclock.co.uk/tools | sudo bash
```

**NOTE:** The “[” symbol is entered by pressing SHIFT together with “\” key on a US keyboard



```
quadra@inovato: ~/Desktop$ curl -fsSL https://hamclock.co.uk/tools | sudo bash
[sudo] password for quadra:
```

If you are asked for a password enter “1n0v@t0” – **these are zeros and not the letter “O”**. You will not get any feedback when you enter the password. Just enter it anyway followed by ENTER.



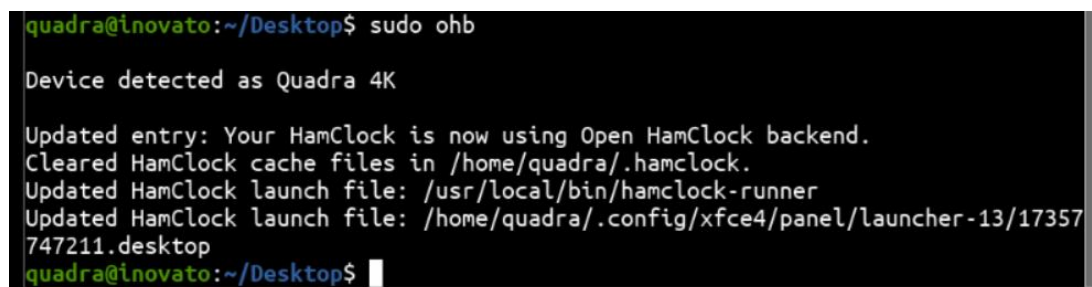
```
quadra@inovato: ~/Desktop$ curl -fsSL https://hamclock.co.uk/tools | sudo bash
[sudo] password for quadra:
Installing tools to /usr/local/bin...
Installing csi...
Installing fix-hosts...
Installing hcde...
Installing ohb...
Installing what...

Installation complete.
You can now run: csi, fix-hosts, hcde, ohb, what
quadra@inovato: ~/Desktop$
```

The scripts will be installed - when done enter:

`sudo fix-hosts` → will likely tell you that no changes are required

`sudo ohb` → it will tell you what changed and that you are now on OHB



```
quadra@inovato: ~/Desktop$ sudo ohb

Device detected as Quadra 4K

Updated entry: Your HamClock is now using Open HamClock backend.
Cleared HamClock cache files in /home/quadra/.hamclock.
Updated HamClock launch file: /usr/local/bin/hamclock-runner
Updated HamClock launch file: /home/quadra/.config/xfce4/panel/launcher-13/17357
747211.desktop
quadra@inovato: ~/Desktop$
```

`sudo reboot now` → the device will reboot

When the device returns from booting up and HamClock is running, you are done.

# Additional Notes:

- If the Quadra boots up to the desktop (HamClock not running), Start it with the shortcut in the taskbar.



- You can also configure it for auto start in full screen. This will ensure that HamClock runs with the maximum screen size.

- If you want to run the scripts again to run a different backend server, you do not have to go through the install process again. The scripts are now installed on your device. They auto update if you run them later and a new version exists. You might be asked for your password. Enter “1n0v@t0” as described above.

- If you receive an error like that:

```
Update failed: Error 1
```

```
Curl:(60)SSL: no alternative certificate subject name matches target host...
```

HamClock was started **without** a redirect (“-b” option) parameter. Try to fix it by executing a sequence of backend server changes:

- **sudo csi**
- **sudo hcde**
- **sudo ohb**
- **sudo reboot now**

This will force an update of the scripts and clean up/repair startup parameters.

If you have older factory restore cards, make sure to update them with a new image file. New image files can be downloaded for free from my website. <https://www.n0lsr.com/downloads>.

If you have any more questions, please contact me at [udo@n0lsr.com](mailto:udo@n0lsr.com)

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