How to update a GX device

These instructions apply to all GX Devices, such as the Color Control GX (CCGX) and Venus GX (VGX).

1. Changelog

The change log is available in Victron Professional.

2. Using the right procedure (CCGX only)

Depending on the installed firmware version, the update procedure differs.

Running firmware version v1.74 or earlier? An upgrade is needed. Follow the upgrade procedure to v2.

Otherwise follow instructions below.

3. Via internet or with microSD-card/USB-stick

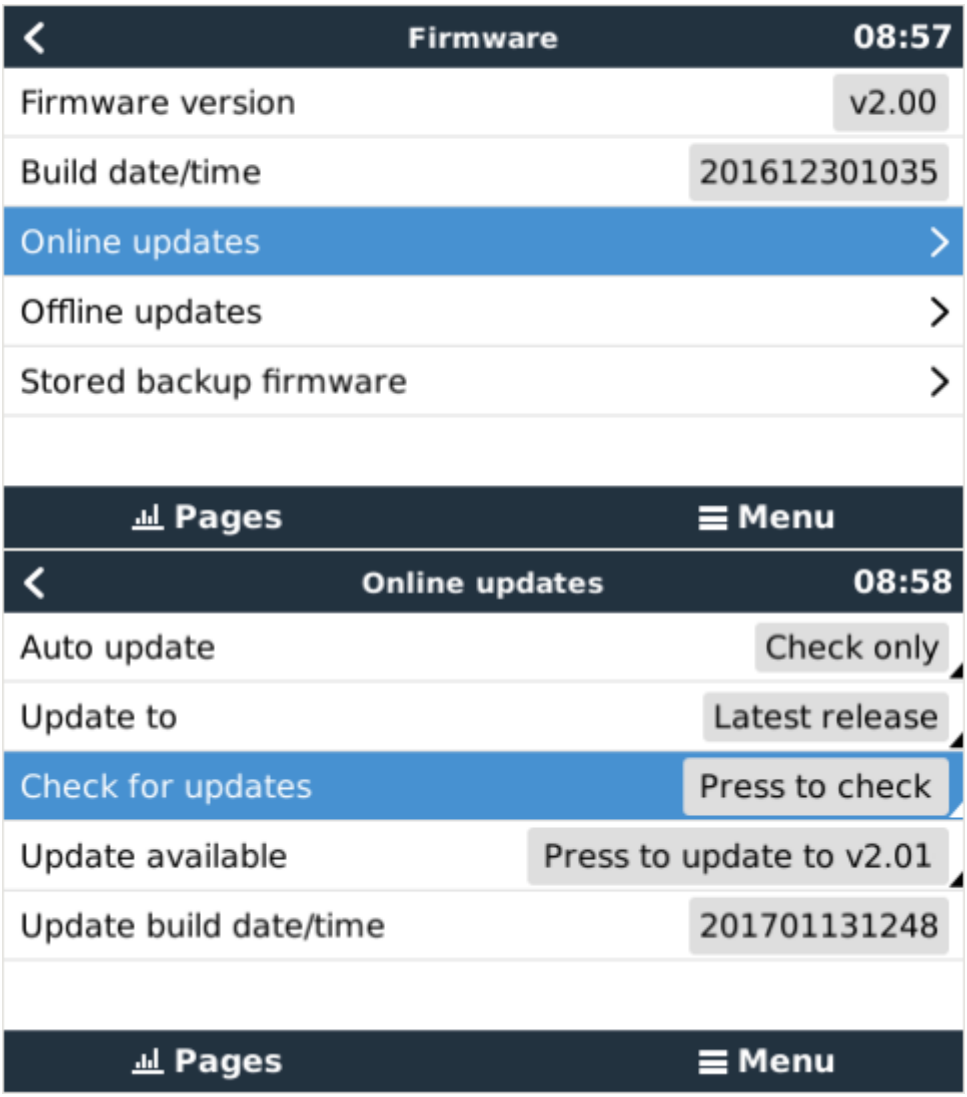
There are two ways to update the firmware:

1. Update it via the internet, either manually or let it check for new updates every day
2. Update it from a microSD-card or USB-stick

3.1 Direct download from the internet

To update from the internet, navigate to: **Settings→ Firmware→Online updates.**

On GX devices without a display (ie. a Venus GX or Cerbo GX without GX Touch), use Remote Console to get to below menus.



3.2 MicroSD-card or USB-stick

Updating with a microSD-card or USB-stick is called 'Offline updating'. Use it when updating a device that is not connected to the internet.

Step 1. Download

Get the latest swu file:

- Cerbo GX: venus-swu-einstein.swu
- Color Control GX: venus-swu-ccgx.swu
- Venus GX & Octo GX: venus-swu-beaglebone.swu
- GX Card in the MultiPlus-II or EasySolar GX: venus-swu-nanopi.swu
- CANvu GX: venus-swu-canvu500.swu

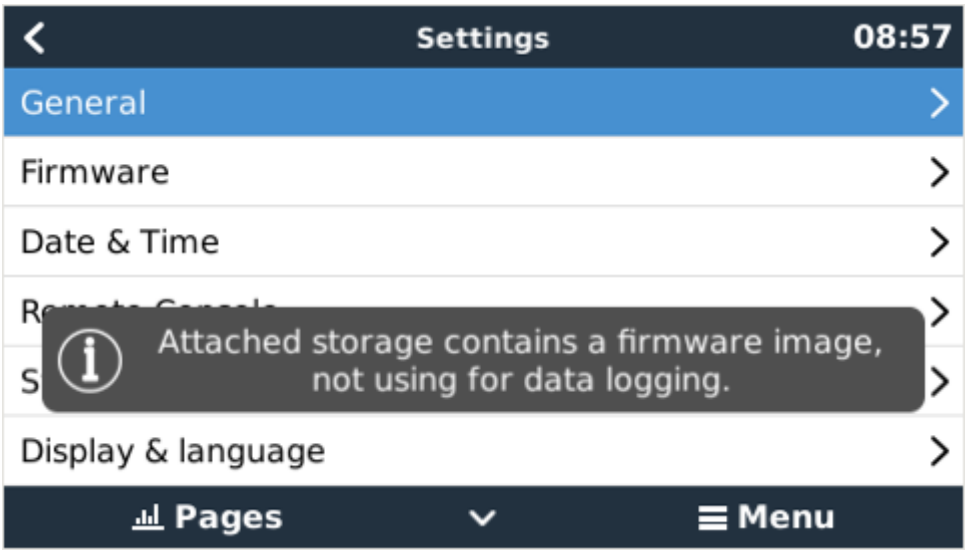
Note that the same files, and the change log, is available on Victron Professional. That also features a dropbox connection, so you can always have the latest file available on your laptop.

Step 2. Install on an sdcard or usb stick

Store the file in the root folder of a USB-stick or microSD-card.

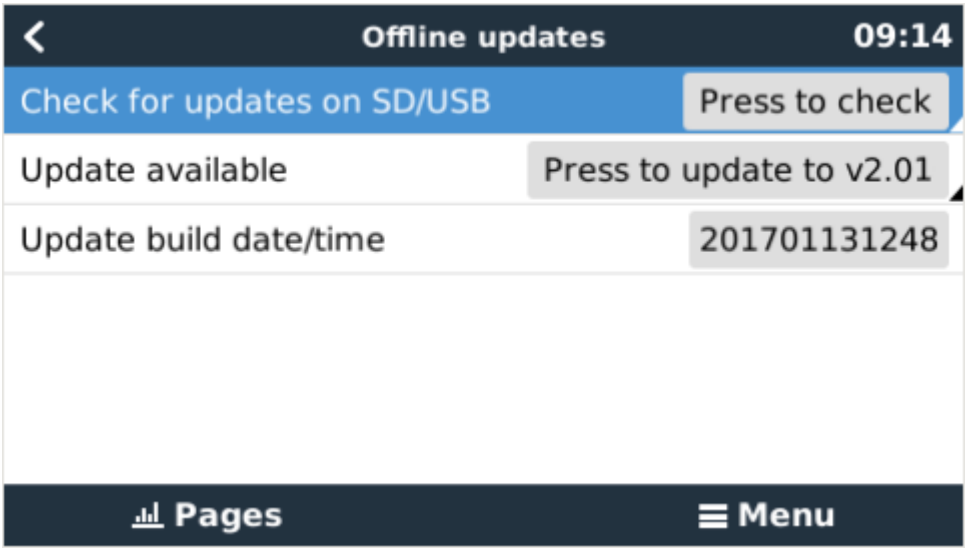
Step 3. Insert the device

Note that you will see a warning “Not using media for storing logs”. That warning can safely be ignored.



Step 4. Initiate the update

- Navigate to **Settings → Firmware → Offline updates.**
- Press Check for updates
- If the firmware in the microSD-card or USB-stick is newer than the running one, “Update available” item will appear, press it to start the update process.



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From:
https://www.victronenergy.com/live/ - **Victron Energy**

Permanent link:
https://www.victronenergy.com/live/ccgx:firmware_updating?rev=1595282503

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