
Changes September 29, 2026 – 0.02.10b

History Data & Small Graphs

- The data points selected for the small graphs in the Info tab often failed to preserve the shape of the data, making the graphs look significantly different from the actual readings. This has been improved. Where necessary, the displayed range may be shorter than 48 hours to preserve the shape of the data.

Alarm System Revised

- Alarm limits are now set relative to the setpoint rather than as absolute values.
- Additional alarms have been added

Irrigation: Shot Timeout (GrowBase Pro WiFi only)

- Shot timeouts for P1, P2 and P3 can now be set with one-second precision (advanced irrigation strategies).

IRCube – Leaf Temperature Sensor (GrowBase Pro WiFi only)

- Since the latest updates, leaf temperature readings had shown irregularities (excessive noise or persistent temperature drops). This has been fixed.

Notes for Multi Outs

- A bug affecting the saving of notes has been fixed.

Firmware Update Process

- Further improvements to the robustness of USB updates for the Wi-Fi module.
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Applicability:

GrowBase Pro WiFi controllers connected via the subdomain **connect.growcontrol.de**.

Terms:

OTA (Over-the-Air) via Wi-Fi/Internet

GUI (Graphical User Interface) Website **connect.growcontrol.de**

Procedure:

The update consists of two steps

1. Update the firmware of the Wi-Fi module and the main controller to version ...0.02.10b (OTA)

Alternatively, the firmware of the Wi-Fi module and the main controller can also be updated via a USB flash drive.

Known issues or pitfalls during the update:

- The main controller update must be confirmed in the controller menu. Without confirmation, the update will fail.
- During the OTA update (main controller), an error may occur where “Flash init” appears on the display and nothing else happens.

Solution: Disconnect the power supply, reconnect it, and try again.

- With version ...0.02.02b, the USB Wi-Fi update does not work.

OTA Update Instructions:

1. In the GUI, go to the SYSTEM tab → then the FIRMWARE section

2. Select the new firmware file under “Firmware Update,” then click “Perform Update” and “Apply”
- 3. If a main controller update is being performed, it must be confirmed on the display**
4. It takes several minutes for the controller to reconnect after the update (status: green). The controller must not be disconnected from the power supply during the update.
5. After a successful update, success messages and the new firmware version are displayed in the SYSTEM section
6. Please reload the page to see the new features and settings.

In addition to changes that are not all immediately visible, the following new features have been added:

USB Update Instructions

(generally **not recommended**, since OTA updates are more convenient.):

With version ...0.02.02b, the USB Wi-Fi update does not work.

If you are updating from an older version than 0.02.##b, it is crucial that you update the Wi-Fi module before the main controller!

1. The firmware files are available for download here: <https://growcontrol.de/downloads-wifi>
2. A USB 2.0 flash drive formatted as FAT32 is required for the update.
3. Copy the firmware files to the root directory of the flash drive and insert the flash drive.
4. Restart the controller (unplug and plug it back in)
5. Start the Wi-Fi module update via the controller menu: Wi-Fi Info & Settings → Start Wi-Fi USB Update → Select the file and confirm with OK
6. Update the main controller: Controller menu: System Settings → Restart the controller → Confirm with OK and briefly press and hold the button. Detailed instructions can be found in the user manual for the controller without Wi-Fi or on the Downloads page mentioned above.

If you missed the latest updates and are running a version older than 0.01.11b, you must first install update 00112b. Download: <https://growcontrol.de/downloads-wifi>