

Software update via USB stick for Analyt / PoolManager® / PoolManager® PRO (5. Generation „PoolManager 5“ / „PM5“)



Valid for

Analyt
PoolManager®
PoolManager® PRO

1 Software update

PoolManager® internal software (firmware) can be updated at any time using a standard USB memory stick.

The current software version can be downloaded from the Internet:

- In the BAYROL web portal www.bayrol-poolaccess.de or from the website www.pm5-update.net
- In the dealer area of the BAYROL website www.bayrol.de

All software is packed into one file (file size ca. 25 MB). The file name changes with each version and has the following format, for example: `firmware_IELPM549X-7.6.0-8062.bin`
In this example, 7.6.0 indicates the software's version number.

1.1 Step by step



IMPORTANT NOTICE!

Loss of power during software update

Ensure that PoolManager® is continuously supplied with power throughout the entire software update. If there is a power outage during the updating process, then the update will fail and will definitely have to be repeated.



IMPORTANT NOTICE!

Plugging in the USB memory stick

PoolManager® USB interface supports hot plug & play, i.e., the memory stick can be plugged in during ongoing operation.

However, it is expressly recommended to turn off PoolManager® power supply when doing so. When plugging in during ongoing operation, it's possible for PoolManager® sensitive electronics to be damaged due to electrostatic charges upon coming into contact.

1. Copy the file with the current software into the main directory (root directly) on your USB memory stick (e.g. M:\ - can vary from PC to PC)
Do not, under any circumstances, copy the file to a sub-directory, for PoolManager® only searches for potential software updates in the root directory.
2. Turn off PoolManager® power supply.
3. Open the front of PoolManager® casing as shown in the following figures.



4. Plug the USB memory stick with the software update into the internal USB socket of the PoolManager®.



5. Close the front of the housing and switch on the mains supply again.
6. Wait until the boot process is completely finished. This takes approx. 1-2 minutes.
7. Select the Software Update function in the menu as follows:
 -  →  Service Functions (Service (Level 3) Pin: 8642) → Software Update (from USB stick)
8. Press the button *Start software update*
9. The PoolManager® performs an automatic restart to start the software update.
10. During the software update, the screen background is black. Different icons and text messages inform you about the progress of the software update.



11. The update process takes about 5-10 minutes. When it is completed, the PoolManager® performs an automatic restart and then starts with the updated software already installed.
12. Finally, you can remove the USB stick. To do so, turn off PoolManager® voltage supply.