How to update *GSM-batcorder* firmware

The GSM-batcorder-firmware is continuously developed by ecoObs and of course the updates are free of charge. At our homepage www.ecoobs.com you can find all relevant data for a download. We recommend to sign up for our newsletter be informed about latest updates.

The software updates for the GSM-batcorder can be installed with a SD card. The current software version of your GSM-batcorder is shown in the lower right corner of the screen when the device is started displayed as **Hxxx** for the hardware version and **Sxxx** for the software version. It takes only a few steps to update the software. But it is highly important to follow each step exactly, as an update failure can make the GSM-batcorder inoperative!

Please note: Only the software (**Sxxx**) can be updated via SD card. The hardware version (**Hxxx**) can only to be updated by ecoObs.

Requirements

For the update you need a SD-card, which has already been accepted by the GSM-batcorder. The GSM-batcorder supports SDHC-cards and SDXC-cards with a capacity up to 256 GB. The cards do not need a specific speed level.
Before the GSM batcorder is able to use the SD memory card it has to format it. Therefore after inserting the correctly formatted SD-memory-card (exFat or NTFS) into the GSM-batcorder you will be asked to carry out another internal formatting process.
If the GSM batcorder refuses to format the SD memory card with the message "*No valid file system*" you have to format the SD memory card again on your PC as "exFAT" or "NTFS". (MAC: Format: exFat, Schema: Master Boot Record)

Please **read** each step thoroughly **first**, **before executing** the update!

Warning: Deactivate all kinds of programs, which could access the SD-card in your computer unwanted and without any user interaction, such as virus scanners etc.

Update

Step 1: Prepare the SD memory card with the GSM-batcorder

Insert the SD-card into the GSM-batcorder and erase all data either with the **erase function** in the **MAIN** menu (press **Fn + (▴)** or by choosing "**Continue**" at the start of the GSM-batcorder when a message is displayed that the SD card has to be erased. (This request is made, when the SD-card contains for the GSM-batcorder unknown data!)

Step 2: Load update file onto the SD-card

Remove the SD-card from the GSM-batcorder and insert it into your computer´s SD-card-slot. Copy the update file from the computer onto the SD-card. (Of course before you can do this, you have to download the file from our homepage onto your computer first. Be sure, that you copy the right file: **For the GSM-batcorder!**).

Do not change anything else on the card, that means do not erase, shift or copy any further files onto the SD-card! Also you have to make sure that no other programs try to have access to the SD-card while inserted in your computer as mentioned before! Remove the SD-memory-card as soon as you have copied all needed update files from your computer onto the SD-card.

Step 3: Firmware Update

Insert the SD-card into the batcorder again. Start the GSM-batcorder and follow the instructions shown on the display. If the update has been successful, the new software number is now shown at the right bottom of the display (**SXXX**).

Note: With this SD-card you can now directly update other GSM batcorder - you do not have to follow step 1 and step 2 again!

Possible Errors

The GSM-batcorder has been updated, but the device will not start or behaves undefined:

The update has failed, possible reasons may have been for example: wrong download file, defective card or unnoticed access onto the SD-card while inserted into the computer.

If the update fails you will have to send your device in.