

Updating the Firmware Of a Micronel Device

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1. Bootloading

1.1. Setup & Procedure

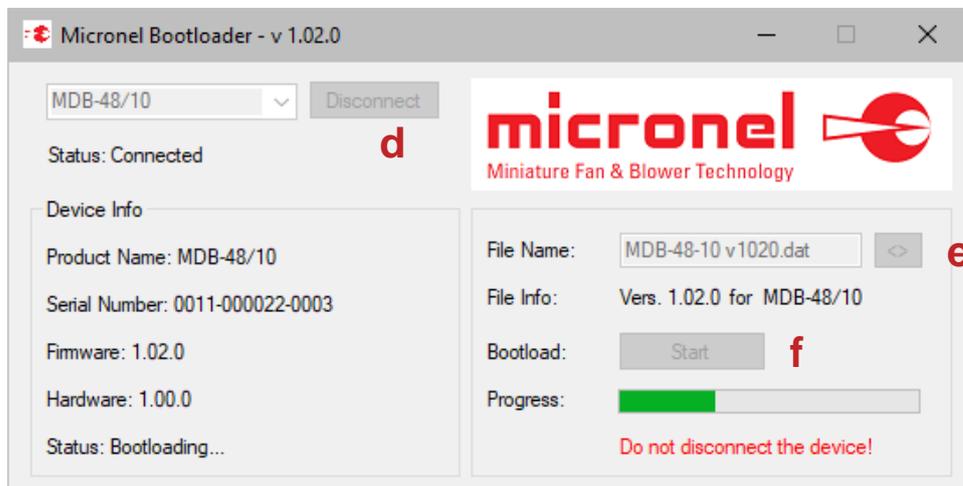
To update the firmware of your device, use the Micronel Bootloader software. Compared to earlier versions, this version now consists of:

- 1) a bootloading process (programming the new firmware version)
- 2) a configuration process (storing default values that are needed by the new firmware)

To start the procedure, please follow the steps below.

- a. Make sure that you have unpacked all the files from the ZIP file into the same local folder on your personal computer.
Note: Use the files from one ZIP folder exclusively. Do not mix them with files from a previous version of the software.
- b. Make sure that no other software can establish a connection to the device that has to be updated. In case of doubt, close all such software (e.g. Micronel Application Software).
- c. Connect the device to your computer via USB.
- d. Start the 'Micronel Bootloader' software and click 'Connect'.
- e. Select the *.dat-file of the new firmware using the <> button.
- f. Click on 'Start' to start the firmware update.

Note: All settings stored on the device will be reverted to default values during bootloading! The previous configuration will be lost!



- g. The progress is shown with the progress bar and the procedure should be finished within one or two minutes. Do not disconnect the device from your computer during the bootloading and configuration procedures.
- h. Wait until the bootlading and configuration procedures are finished, then reset the device by un-plugging the power and USB.

Should the bootloading or configuration process fail or be aborted, un-plug the device and repeat the bootloading procedure starting from step a.

1.2. Important Notes

- The version of 'Micronel Application Software' must match to the firmware running on the device. The 'Micronel Application Software' and corresponding firmware are always distributed in the same ZIP file by Micronel. Do not use an old version of the 'Micronel Application Software' after updating a Micronel device to a new firmware, otherwise communication fails or wrong values may arise.
- Since a new firmware supports new features, there is also a new blower configuration data base. Thus your old custom blower data base cannot be used anymore and must be created anew. Before using the device after updating, you need to save a valid blower configuration to your device.

2. Changes

Version	Date	Person	Changes
01	06.01.2022	KE	Creation of document
02	06.12.2022	KE	Important Notes: Note added Changes according to new Bootloader version 1.02.0