

FANC Software

LTR-1200 FAN Controller

1 Current Release Notes, Version 1.10

16 May 2025

FANC Service Software Version 1.10; FANC STM32 Version 1.10

Supported Devices

- FANC-1118 (Hardware Version 1.00 – 1.31)

New and Improved Features

- Add: Parameter for minimal fan PWM, to support the new fans.

Resolved Issues

- Service Software
 - Opening more than one Service Software instance simultaneously may result in USB connecting problems.
→ Solved: The connecting delays are now initialized by a random number.
 - Fixed the connection over ethernet when no FTDI driver is installed.
 - Fixed the access to FTDI driver in ethernet mode
 - Fixed the closing of the FTDI connection if the application closes.
 - Fixed some typos.

Known Issues

- None

2 Old Release Notes, Version 1.01

19 February 2014

FANC Service Software Version 1.01; FANC STM32 Version 1.00

Supported Devices

- FANC-1118 (Hardware Version 1.00)

New and Improved Features

- None

Resolved Issues

- The Service Software can now handle comma or point separated decimals, depending on the regional computer settings.
- It may be difficult to use several FANC Service Software Applications simultaneously on one PC (Connecting to the right device is difficult)
→ Solved. The Service Software tries now to connect to every FANC connected to the computer. The first compatible and free device is taken.
- Service Software freezes if the USB connection has a problem. (Sometimes caused by EMC Problems)
→ Solved. The Service Software disconnects and reconnects to the device.

Known Issues

- None

3 Old Release Notes, Version 1.00

16 August 2013

FANC Service Software Version 1.00; FANC STM32 Version 1.00

Supported Devices

- FANC-1118 (Hardware Version 1.00)

New and Improved Features

- The Connected Devices address is now shown in the Software title
- The Parameter System Save to Flash function can be disabled now. This is useful when the Device is being controlled over a Data Interface and some values are periodically changed. Prevents early Flash failure.

Resolved Issues

- Exoprt Config: No file extension is being added if the Filename does contain some dots.
→ Fxed
- In some cases the Ethernet Connection from a Windows 7 or 8 host fails
→ Fixed
- ini file import failure: if an ini file is imported in offline mode, all 'New' fields are filled up with 'Type Err'
→ Type is now ignored in offline mode

Known Issues

- None

How to Update

Attention:

- The device configuration will not be erased during the update process, it is although recommended to export the current FANC configuration as an ini file.

Update Instructions:

1. Connect the FANC controller to the FANC Service Software
2. Select tab 'Maintenance', press 'Load Hex File' and chose FANC hex file
3. Press 'Update Device' and wait for the process to complete

Set the new available parameters:

- All parameters are automatically set do default value

4 Old Release Notes, Version 0.70

10 April 2013

FANC Service Software Version 0.70; FANC STM32 Version 0.70

Supported Devices

- FANC-1118 (Hardware Version 1.00)

New and Improved Features

The current release features the following enhancements. Refer to the user manual or the communication protocol specification for further information:

- Interaction with LTR-1200 improved:
 - The Service Software is now able to connect over Ethernet to the LTR-1200
- New Parameter ID added:
 - ID 106: Error Instance
 - ID 107: Error Parameter

Resolved Issues

- Data loss on RS485 Interface at very high data Rates
→Driver is now enabled 4us before the first byte is being sent.
- Firmware update reading the HEX file directly from CD was not possible
→Service Software is now able to handle read only files.

Known Issues

None

5 Old Release Notes, Version 0.60 (Initial Release)

15 February 2013

FANC Service Software Version 0.60; FANC STM32 Version 0.60

Supported Devices

- FANC-1118 (Hardware Version 1.00)

New and Improved Features

The current release features the following enhancements. Refer to the user manual or the communication protocol specification for further information:

- None

Resolved Issues

- None

Known Issues

- None