Release of OJ-Air2 software version 4.02
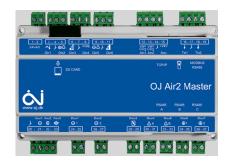
OJ-Air2 software version 4.02 is released for up-grade with the SD-card.
In the production at OJ Electronics version 3.25 is still used.

Changes
Compared to version 3.25 there were following improvements:

Functionality
- Pressure Set points is now possible up to 5000Pa.
- Calendar added

Web
- 0_0_0 "Set the program" is now active in operation modes: Stop, Low speed, Medium speed, High speed and Weekly program.
- 0_0_0 "Calendar" added.
    (This is the calendar controlled by BACnet Scheduler)
- 0_0_2 "Scheduler base" tab added
- 0_0_3 "Day schedule" tab added
- 0_0_4 "Exceptions" tab added
- 0_0_5 "Calendar" tab added
- 1_5_3 BBMD check box and settings added
- 1_9_0 Externat rotary switch: "Ext stop normally open" removed.
- Languages: DK, SE, NO, FI, UK, DE, FR, RU, NL

Hand terminal
- USER -> FAN operation -> Calendar added.
    (please setup calendar from web)
- Languages: DK, SE, NO, FI, UK, DE, FR, RU, NL

OJ-Air2-HMI-35T
- FAN: Calendar Icon added
- FAN: Calendar button added
    (please setup calendar from web)
- Languages: DK, SE, NO, FI, UK, DE, FR, RU, NL

Alarms
- Alarm 60 "Low inlet temperature" de-activated in case of "Constant supply air" and the only heat source is heat recovery.
- Alarm list from sw 3.24 is still valid.

Modbus registers
- "CmbEnCtrlMB Enable multi purpose battery for control via External Modbus" 0x0025 settings saved in memory.
- "BMSDrfCtrlReg BMS Control Register" 4x0500 settings saved in memory.
- "MBTOutDAct BMS Outdoor sensor active" changed to R/W. 1x0517 deleted and 0x0028 added.
- "MBTRoom1Activ BMS room sensor active" changed to R/W. 1x0518 deleted and 0x0029 added.

BACnet
- BACnet profile upgraded from
  - BACnet Application Specific Controller (B-ASC) to
  - BACnet Advanced Application Controller (B-AAC)
- BACnet Interoperability Building Blocks added regarding
  - o Data sharing
  - o Alarm&Event Management
  - o Scheduling
  - o Device Management
- BBMD added.

See details in document: OJ-Air2 BACnet PICS 4.02.

Affected articles
OJ-Air2Master

Coming into force
Version 4.02 is released for up-grade with SD-Card in week 34 2016.

Compatibility
No changes are required when up-grading from version 3.25 to 4.02, unless Modbus register 1x0517 and 1x0518 is used from BMS.

Updating with the SD card
The OJ-Air2Master has to be with software version 2.01 or higher. Following files must be copied to the SD card:
- "air2_v402_update_jffs2.tar.gz"
- " version.crc" (1kB, 25-08-2016, 09:23)

The files are available at:
http://www.ojelectronics.com/Support/Customer-Login.aspx

Up till 8Gb HC SD cards can be used from version 2.19.