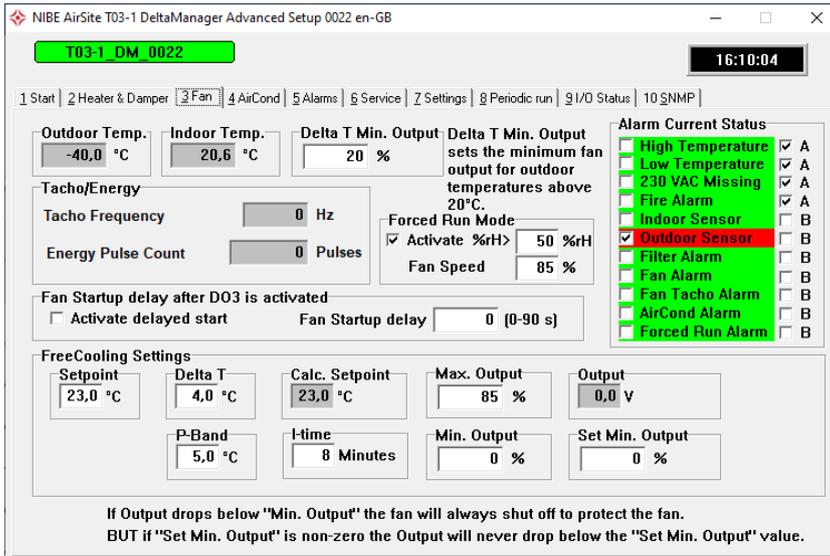


Version: 0022
Released: 2020-12-01

Changes

- Updated version, where the fan speed during "Forced Run Mode" is programmed slightly different. In the previous version, the forced run mode does not work if "Fan Speed" is set to a higher value than "Max. Output". In this version, the fan is controlled according to "Max. Output" if the "Fan Speed" in "Forced Run Mode" is set to a higher value than "Max. Output".



NIBE AirSite T03-1 DeltaManager Advanced Setup 0022 en-GB

T03-1_DM_0022 16:10:04

1 Start | 2 Heater & Damper | 3 Fan | 4 AirCond | 5 Alarms | 6 Service | 7 Settings | 8 Periodic run | 9 I/O Status | 10 SNMP

Outdoor Temp. -40,0 °C Indoor Temp. 20,6 °C Delta T Min. Output 20 % Delta T Min. Output sets the minimum fan output for outdoor temperatures above 20°C.

Tacho/Energy Tacho Frequency 0 Hz Energy Pulse Count 0 Pulses Forced Run Mode Activate %rH 50 %rH Fan Speed 85 %

Fan Startup delay after D03 is activated Activate delayed start Fan Startup delay 0 (0-90 s)

FreeCooling Settings Setpoint 23,0 °C Delta T 4,0 °C Calc. Setpoint 23,0 °C Max. Output 85 % Output 0,0 V P-Band 5,0 °C H-time 8 Minutes Min. Output 0 % Set Min. Output 0 %

If Output drops below "Min. Output" the fan will always shut off to protect the fan. BUT if "Set Min. Output" is non-zero the Output will never drop below the "Set Min. Output" value.

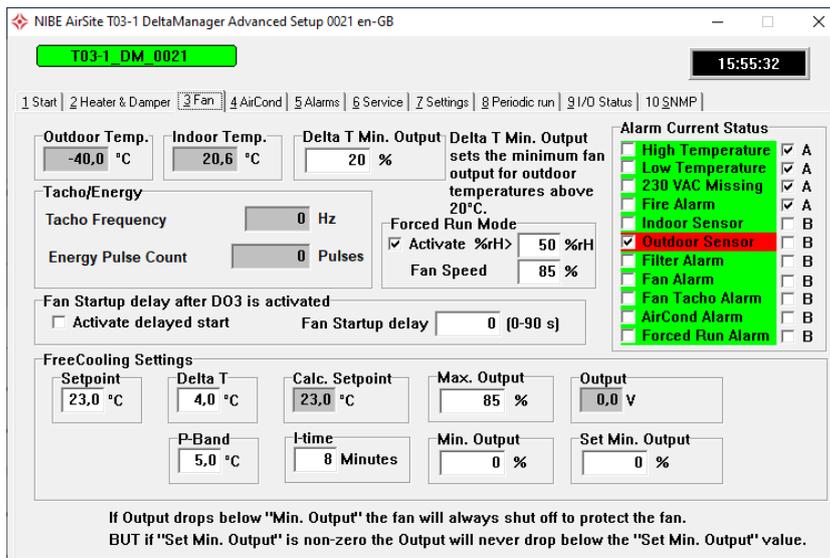
Alarm	Current Status
High Temperature	<input checked="" type="checkbox"/> A
Low Temperature	<input checked="" type="checkbox"/> A
230 VAC Missing	<input checked="" type="checkbox"/> A
Fire Alarm	<input checked="" type="checkbox"/> A
Indoor Sensor	<input type="checkbox"/> B
Outdoor Sensor	<input checked="" type="checkbox"/> B
Filter Alarm	<input type="checkbox"/> B
Fan Alarm	<input type="checkbox"/> B
Fan Tacho Alarm	<input type="checkbox"/> B
AirCond Alarm	<input type="checkbox"/> B
Forced Run Alarm	<input type="checkbox"/> B

- SNMP MIB file included with this software; **T03-1-MIB**.
- New DFF included with this software; **T03-1_DeltaManager_Advanced_Setup_0022_en-GB**.
- New DFF included with this software; **T03-1_DeltaManager_Advanced_Setup_0022_sv-SE**.

Version: 0021
Released: 2020-11-12

Added

- This version includes the possibility to force the fan operation due to high relative air humidity via 0...10V humidity sensor. Connect the humidity sensor to analog input AI4 (terminal B5 on the circuit board). The user can set a value for %rH and Fan Speed. When the air relative humidity exceeds the set value, the fan is forced to run at the set "Fan Speed", and the alarm "Forced Run Alarm" will be activated.



- SNMP MIB file included with this software; **T03-1-MIB**.
- New DFF included with this software; **T03-1_DeltaManager_Advanced_Setup_0021_en-GB**.
- New DFF included with this software; **T03-1_DeltaManager_Advanced_Setup_0021_sv-SE**.

Version: 0020
Released: 2020-06-09

Added

- This version includes functionality for SNMP (GET and TRAP).
 - **Readable values (GET):**
 - Outdoor temperature
 - Indoor temperature
 - Heater Status (ON/OFF)
 - Damper Status (ON/OFF)
 - Calculated setpoint
 - Fan Output
 - Max. Output
 - Tacho frequency
 - AirCond Start Temp.
 - AirCond Mode (Connected/Not connected)
 - AirCond Status (ON/OFF)
 - Emergency Cooling (ON/OFF)
 - **Larmer (TRAPS):**
 - A Alarm (General Alarm)
 - B Alarm (General Alarm)
 - High Temperature
 - Low Temperature
 - 230 VAC Missing
 - Fire Alarm
 - Indoor Temperature sensor
 - Outdoor Temperature sensor
 - Filter Alarm
 - Fan Alarm
 - AirCond Alarm
- SNMP MIB file included with this software; **T03-1-MIB**.
- New to this version is that we now also offer DFF in two languages: English and Swedish.
- New DFF included with this software; **T03-1_DeltaManager_Advanced_Setup_0020_en-GB**.
- New DFF included with this software; **T03-1_DeltaManager_Advanced_Setup_0020_sv-SE**.

Version: 0019
Released: 2019-12-20

Changes

- BETA version for testing new functionality.

Added

- New DFF included with this software; **T03-1_DeltaManager_Advanced_Setup_0019_en-GB**.

Version: 0018
Released: 2019-10-01

Changes

- Extra shut-off damper via DO3 will close in Test Mode, sequence 2.
- Extra shut-off damper via DO3 will close in Test Mode, sequence 3.

Added

- New DFF included with this software; **DeltaManager_Advanced_Setup_2019.0.18**.

Version: 0017
Released: 2019-05-24

Changes

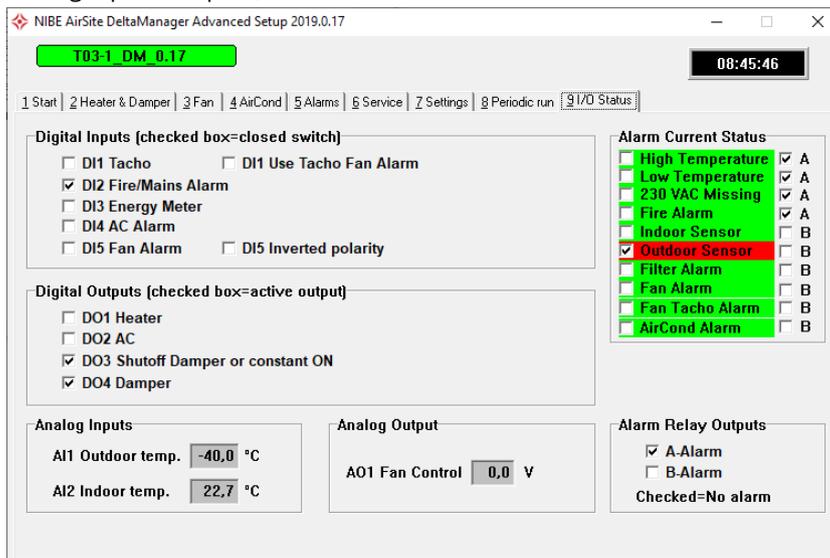
- Output DO3, which has been used for constant 24V output since version 0012, can now be used for an extra shut-off damper, which means that there are two different options in the DFF. The extra shut-off damper opens 0...90 seconds before the fan starts and will close at the same time as the fan stops. The function is activated on tab **3 Fan** in the DFF.
 - Activate time-delayed fan start to simultaneously activate the function for extra shut-off damper via DO3.
 - Disable time-delayed fan start to simultaneously activate the function for constant 24V output via DO3.



- Fan alarm can now be obtained via DI1 Tacho input from fans using frequency output. The alarm will set when the frequency is lower than 5 Hz at the same time as the fan control signal exceeds 2V (20%). Time delay 10 s. The function is activated at tab **9 I/O Status** in the DFF.

Added

- Software based on 0016P, which means that the functionality for periodic run is a part of the standard software for T03-1 DeltaManager from now on.
- Software based on 0016P, which means that the functionality for Alarm Priority choice is a part of the standard software for T03-1 DeltaManager from now on.
- New DFF included with this software; **DeltaManager_Advanced_Setup_2019.0.17**, where the new functions are included as well as a brand-new tab (9) showing input/output status of digital and analog inputs/outputs;



Version: 0016
Released: 2017-06-15

Changes

- Bug fix regarding Modbus TCP writing:
 - Previously, the start address returned in the response frame when writing to EEPROM was masked with 0x7FFF, which means that it is not identical as is written to the system. Many systems expect an identical start address corresponding to the value written to the EEPROM. This is fixed in this version.

Added

- Software based on 0015.

Version: 0016P
Released: 2017-02-22

Changes

- Bug fix regarding memory allocation in Modbus TCP and SIOX Net connections to T03-1.

Added

- Software based on 0015P.

Version: 0015
Released: 2017-02-22

Changes

- Bug fix regarding memory allocation in Modbus TCP and SIOX Net connections to T03-1.

Added

- Software based on 0014.

Version: 0015P
Released: 2015-06-09

Changes

- "Periodic run" has been changed so that it can now be set with different timing for specific days:
 - It is now possible to set the "Max. speed" for each day (Monday-Sunday).
 - Enter Start Hour and Stop Hour for the desired day.
 - Enter desired "Max. speed" between the above set time points.

Added

- In this version it is also possible to set Alarm Priority (A or B) for each specific alarm.
- Software based on 0014P.

Version: 0014 / 0014P**Released:** 2014-11-05**Changes**

- Handling of new MAC address ranges for the circuit board T03-1.

Version: 0013P
Released: 2014-05-06

Changes

- Various small fixes.

Added

- Separate software based on 0013, but with functionality for "Periodic run". The function is described below:
 - It is now possible to change "Max. speed" for the fan between a preset time frame.
 - Enter Start Hour and Stop Hour.
 - Enter desired "Max. speed" between the above set time points.

Version: 0013-D13
Released: 2013-11-20

Added

- Special version of 0013, where D13 is used to force the fan to run at high speed.
 - When closing the D13 input switch, the fan is forced to run at full speed, while at the same time the damper will be forced (and stay) open.

Version: 0013
Released: 2012-09-28

Changes

- Damper/dampers connected via DO4 will now be held closed if AirCond Mode is active.

Version: 0012
Released: 2012-05-11

Changes

- Digital output DO3 is constantly 24V, to be able to power supply an externally connected smoke detector.

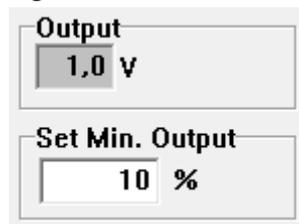
Added

- New DFF included in this software; **DeltaManager Advanced Setup 2012.06.**

Version: 0011
Released: 2012-04-04

Added

- A new feature has been added to force min. output to the fan, which means:
 - The entered value in the "Set Min. Output" parameter is forced as a minimum output value to the fan, regardless of other settings.
 - This feature is intended for sites that require the fan to always run at a specific speed, or higher.



- New DFF included in this software; **DeltaManager Advanced Setup 2012.04**. In this version, the "Set Min. Output" parameter is added on tab 3.

Version: 0010 med DeltaManager Advanced Setup 2011.11
Released: 2012-01-03

Changes

- No changes: this is still version 0010, but with a new DFF.

Added

- Brand new reworked DFF is included with this software; **DeltaManager Advanced Setup 2011.11**. Contains many changes, including:
 - Fewer tabs with easier access. Functionality remains the same.
 - Number key shortcuts for all tabs. Hit 1 for 'Start', 2 for 'Heater & Damper' etc.
 - Check box "Service Stop" under tab 'Start' moved to a Group box named "Service Stop Current Status" to make it easier to find and to improve the understanding of its function
 - Group box "DI5 (Fan alarm Polarity)" for DeltaMaster 10 removed. The function is now standard in 1066d softwares (DeltaManager software for DeltaMaster 10)
 - Group box "SIOX" under tab 'Settings' removed
 - "EEPROM Write Enable" moved to 'Settings'
 - Group box "Status" in Group box "Electric Heater" under tab 'Heater & Damper' renamed to "Heater Status". Also "Heater OFF" in off-state for easier understanding
 - New group box "Damper Status" in group box "Damper" under tab 'Heater & Damper'. Moved "Damper OPEN/CLOSED" here for easier understanding
 - Group box "Fans (Free Cooling)" under tab 'Fan' renamed to "FreeCooling settings"
 - Group box "AirCond Mode Status" under tab 'AirCond' renamed to "AirCond Mode" because it is a function to be selected, not a status indication. Two choices are available: "Cooler connected" or "Cooler not connected"
 - "AirCond ON/OFF" renamed to "Cooler ON/OFF" in group box "AirCond Status" under tab 'AirCond'
 - "Timer" in group box "Service Stop" under tab 'Service' renamed to "Service Stop OFF/Service Stop ON"
 - Check box "Stop Application" removed
 - Group box "Fan Start (Emergency Cooling)" renamed to "Emergency Cooling Fan Start"
 - Check boxes in group box "Test mode" under the tab 'Service' moved to side and renamed to
 - "Module Reset" renamed to "Module Restart" and moved to tab 'Settings'
 - "Module is Silent" renamed to "No connection"
 - Bug fixes for non-editable items.
 - "AirCond Indoor Temperature Mode" renamed to "AirCond Indoor Temperature (Mode A)"
 - "AirCond Outdoor Temperature Mode" renamed to "AirCond Outdoor Temperature (Mode B)"
 - Added system clock in the upper right corner
 - Several design improvements

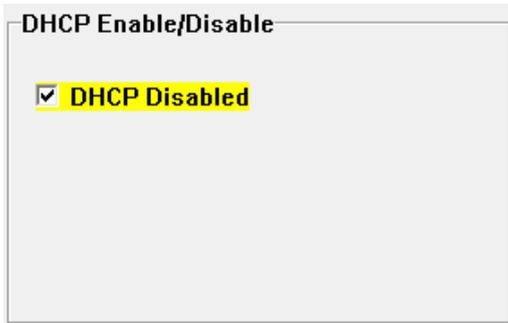
Version: 0010
Released: 2011-11-29

Changes

- Standard SIOX address is changed from address 60 to address 1.

Added

- DHCP functionality added, which means that the T03-1 DeltaManager will automatically send an IP address to the connecting computer via DHCP. This is added to simplify the connection for service technicians.
- If the DHCP functionality is not desired (for example, if the DeltaManager is permanently connected to a local network), the function can be disabled on the **IP-Setup** tab in the DFF:



- New DFF is included with this software; **T03-1_DM_Advanced_Setup_0.10**. In this version, functionality for "DHCP Enable/Disable" is added on the **IP-Setup** tab.

Version: 0009-DHCP
Released: 2011-10-19

Added

- BETA-version for testing of new DHCP functionalities.

Version: 0009
Released: 2011-05-18

Changes

- Bug fix that includes A-alarm Reset when scrolling between Test Sequence step 4 to 3 or 2.

Added

- New DFF included in this software; **T03-1_DM_Advanced_Setup_09**.

Version: 0008
Released: 2011-05-12

Changes

- EEWRITE no longer needs to be set to change the clock in the T03-1 DeltaManager. Just stop the clock, enter the new time, and then start the clock again.

Added

- New DFF is included in this software; **T03-1_DM_Advanced_Setup_08**.

Version: 0007
Released: 2011-05-10

Changes

- Accelerated restart sequence when restart is requested via SIOX Net.
- Modified energy measurement so that values are reflected in "Atomic MSW/LSW".
- Bug fixes in AO regulator.

Version: 0006
Released: 2011-04-14

Changes

- Various small fixes.

Added

- New DFF included in this software; **T03-1_DM_Advanced_Setup_06**.

Version: 0005
Released: 2011-04-13

Changes

- Various small fixes.

Added

- Logging of data and alarms.
- Fine trim of RTC clock.
- New DFF is included in this software; **T03-1_DM_Advanced_Setup_05**.

Version: 0004
Released: 2011-04-07

Added
<ul style="list-style-type: none">• EEPROM test added.

Version: 0003
Released: 2011-04-05

Changes

- Bug fix regarding heat activation; In case of temperature sensor failure, the heater must be kept in off state. This is now fixed.

Version: 0002
Released: 2011-02-25

Added

- First official program version for T03-1 DeltaManager.
- DFF included with this software; **T03-1_DM_Advanced_Setup_02**.

Version: 0001
Released: 2011-02-08

Added

- First program version for T03-1 DeltaManager (for internal use only).
- DFF included with this software; **T03-1_DM_Advanced_Setup_01**.