

■ Product Update

EasyNO_x – NO_x Monitoring

New Firmware – Release 1.4.4



As of now all EasyNO_x devices are delivered by MOTORTECH with software version 1.4.4.

To update the firmware of already installed devices, please refer to the current operating manual, which is available for download at <https://www.motortech.de/infocenter/download-center/operating-manuals.html>.

Download

The new device firmware can be downloaded at the following link (approx. 40 MB):

<http://www.motortech.biz/downloads/MOTORTECH-SoftwarePackage-EasyNOx-FW-1-4-4.zip>

New Functions and Modifications

Release 1.4.4 – 2021/02/23

NO_x Monitor

- Bugfix: An error was fixed that led to a crash in the NO_x Export view.

General

- Update: Unit for memory allocation changed in service report (PDF).

Release 1.4.3 – 2021/01/18

- New function: The value range of the MAP input (4–20mA) can now be configured freely
- Update: NO_x mode settings headlines have been changed
- Update: On the page Device Configuration texts were adapted
- Bugfix: Zero value when exceeding NO_x output (4–20mA, EXTENDED) was fixed
- Bugfix: Unit and formula character in NO_x trend display was corrected

Release 1.4.2 – 2020/12/08

NO_x Monitor

- New function: ENGLISH is now selectable as language
- New function: Country-specific date formats are now used in the NO_x Export view
- New function: The serial numbers of the SD card, the CAN bus modules and the NO_x sensors are now monitored
- New function: A message box appears if a report is to be generated and no operator data has been specified

DISTRIBUTION

Customers / others	Yes
Representatives and Sales Partners	Yes
OEM partners	No
MOTORTECH subsidiaries	Yes

Product Update

- New function: In the *NO_x Monitoring* view, the color gradient and the end value of the analog NO_x display now adapt to the configured thresholds
- New function: Predefined filtering of NO_x and O₂ raw values
- New function: Display of O₂ trend in the *NO_x Trends* view
- New function: SD card errors are registered in the logbook
- Update: The input of the constants *K* and *KNO₂* has been limited to 2 decimal places
- Update: For better differentiation, the line width in the *NO_x Trends* view has been widened
- Bugfix: Restart from the *Display Configuration* view works properly again
- Bugfix: In *NO_x Monitoring* view color background of LCD displays in case of faulty signal corrected
- Bugfix: Detection of continued normal operation when MAP signal is faulty fixed
- Bugfix: Value gaps in the *NO_x History* view are now displayed correctly
- Bugfix: All detected errors or manipulations on the NO_x files are now indicated
- Bugfix: Miscalculation of hours at the turn of the year fixed

General

- Bugfix: Software dongles could not be backed up
- Bugfix: A crash could occur when adding software dongles

Release 1.4.1 – 2020/08/06

- New function: Saving and loading of NO_x monitor configuration files
- Update: Online help updated
- Bugfix: Missing translations in the logbook corrected
- Bugfix: Data compression of the current day in the annual log and in the PDF report removed
- Bugfix: EXTENDED Modul: Analog output scaled. 0 mg/Nm³ to 1,000 mg/Nm³ corresponds to 4–20mA

Release 1.4.0 – 2020/08/03

Release 1.3.00001 – 2020/08/03

NO_x Monitor

- New function: The logbook input dialog now additionally displays the locked entries and allows the user to log in with a higher level when selecting a locked entry

General

- Bugfix: Fixed some minor bugs in the function mapping

Release 1.3.00000 – 2020/07/27

NO_x Monitor

- New function: Two new NO_x monitoring modes, *Load via CANopen* and *Start/Stop via CANopen*, available

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MOTORTECH subsidiaries	Yes

Product Update

General

- Bugfix: SDO heartbeat timeout set from 1 second to 2 seconds
- New function: Device profile CiA 401 added
- New function: Device *BPlus* added
- New function: Function mapping of analog and binary inputs and outputs implemented
- New function: The general error and warning output of the EasyNO_x can now be diverted to devices with CiA-401 profile

Release 1.2.1 – 2020/07/09

NO_x Monitor

- Bugfix: Separation of normal operation detection and NO_x averaging
- Bugfix: One hour offset at day change fixed
- New function: Added minimum temperature monitoring for thermocouples
- New function: In the *NO_x Thresholds Settings* view, the NO_x monitoring parameters are disabled if no serial number is specified
- New function: Load signal input on CAN bus module
- New function: MAP values are displayed as trend
- New function: All NO_x monitor views are automatically exited after a timeout
- New function: Scaling of MAP sensor implemented
- New function: Logbook entries filter extended
- Update: Display of historical values optimized

General

- New function: EasyNO_x online help added
- Update: No logging of the *Operator* access level login in the *Events* view
- Update: Main menu button *Recordings* with smaller text

Release 1.2.0 – 2020/06/17

Test Release 1.1.00002 – 2020/06/17

NO_x Monitor

- Bugfix: The logbook now checks that an SD card is inserted in the EasyNO_x
- Bugfix: Several minor bugs fixed
- New function: The operator information has been added to the report

General

- Update: Screenshot function integrated
- Update: User interface style sheet revised

DISTRIBUTION

Customers / others	Yes
Representatives and Sales Partners	Yes
OEM partners	No
MOTORTECH subsidiaries	Yes

Product Update

Test Release 1.1.00001 – 2020/06/10

NO_x Monitor

- New function: The logbook was added
- New function: The signing of the report was added
- Update: The report was improved

Test Release 0.1.00004 – 2020/05/28

NO_x Monitor

- Bugfix: Fixed an error that caused the online display of the second NO_x monitor to be displayed inversely

Test Release 0.1.00003 – 2020/05/19

NO_x Monitor

- New function: Different arrangements of the thermocouples are supported
- New function: The NO_x monitoring report was added
- Update: The trend page is now accessed through the *NO_x Monitoring* view
- Update: The display format of the normal operation hour counter and the failure hour counter has been changed

General

- Update: The configuration and service PDFs now also list the NO_x configuration values

Test Release 0.1.00002 – 2020/05/07

NO_x Monitor

- Bugfix: An error in the handling of the dew point was fixed

Test Release 0.1.00001 – 2020/05/05

NO_x Monitor

- New function: The NO_x sensor status was added

Test-Release 0.0.1 – 2020/04/20

- Initial version

Known Issues

- All versions: After deleting devices in the device configuration, in certain cases they can only be added back to the device configuration after the EasyNO_x has been restarted.

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