

JX3-MIX2

Version Update

from V. 1.00 to V. 1.01



Version Update

Jetter

Revision 1.01

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1 Introduction

Introduction This chapter shows the history of the JX3-MIX2 module's operating system versions.

Operating System Update - Why? An OS update allows you to

- expand the function range
- fix software bugs
- transmit a certain operating system version, for example at releasing a customer-specific operating system version

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Operating System Update

OS File for Operating System Update

For an operating system update, you will need the following file:

OS File	Description
JX3-MIX2_1.01.0.00.os	Operating system file for JX3-MIX2 with version 1.01.0.00.

OS File Download

Jetter AG make operating system files available for download from their **homepage at <http://www.jetter.de>**. OS files can be found via quicklink on the support site of the JX3-MIX2 module.

Operating System Update by means of JetSym

To update your OS proceed as follows:

Step	Action
1	OS file download from www.jetter.de
2	Establish a connection between PC and controller
3	Execute the menu item Build > Operating System Update in JetSym
4	Select the OS file
5	Depending on the controller and on the module, the following items are to be specified: <ul style="list-style-type: none"> ▪ Module number ▪ Submodule socket ▪ Slave number ▪ I/O module number
6	Start the operating system update by ok
7	Result: After power cycling, the new operating system starts.

JX3-MIX2 Version Update - Overview

V 1.01

The following table gives an overview of newly added features and fixed software bugs in OS version 1.01:

Description	New	Fixed
JX3-MIX2:		
Counter reading skips		✓
After energizing the module, data cannot be sent via RS-232.		✓
Data are available, but the filling level of the receive buffer is zero.		✓

2 Fixed Software Bugs

Introduction

This chapter describes the software bugs which have been fixed in the new operating system release.

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Counter Reading Skips

Symptoms

During counting process, the counter reading sometimes skipped several 1,000 increments. The counter configuration made no difference.

Affected Versions/Revisions

The following versions/revisions are affected by this bug:

OS version	1.00.0.00
Hardware revision	not relevant
Configuration or operating mode	not relevant

Remedy/Workaround

There is no remedy for affected versions/revisions.

Fixed Versions/Revisions

Starting from the following versions/revisions this bug has been fixed:

OS version	1.01.0.00
Hardware revision	not relevant
Configuration or operating mode	not relevant

After energizing the module, data cannot be sent via RS-232.

Symptoms

After energizing the module, data can be received via serial interface RS-232, but not be sent.

Affected Versions/Revisions

The following versions/revisions are affected by this bug:

OS version	1.00.0.00
Hardware revision	not relevant
Configuration or operating mode	RS-232 interface after energizing the module

Remedy/Workaround

Configure the serial interface as RS-485 interface first. Then, configure it as RS-232 interface and initialize it. Now, the module lets you send data via its RS-232 interface.

Fixed Versions/Revisions

Starting from the following versions/revisions this bug has been fixed:

OS version	1.01.0.00
Hardware revision	not relevant
Configuration or operating mode	not relevant

Data are available, but the filling level of the receive buffer is zero.

Symptoms

In connection with the serial interface it sometimes happens that the receive buffer holds data, but the filling level indicates that there is no data.

Although bit 26 in status register 1700 of the serial interface is set, receive buffer in MR 1714 indicates that the filling level is zero.

Affected Versions/Revisions

The following versions/revisions are affected by this bug:

OS version	1.00.0.00
Hardware revision	not relevant
Configuration or operating mode	not relevant

Remedy/Workaround

There is no remedy for affected versions/revisions.

Fixed Versions/Revisions

Starting from the following versions/revisions this bug has been fixed:

OS version	1.01.0.00
Hardware revision	not relevant
Configuration or operating mode	not relevant
