

# JUMO LOGOSCREEN nt

Paperless recorder  
with TFT display and  
CompactFlash card



**B 70.6580.5**  
Operating Manual  
Software upgrade





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# Chapter 1 Introduction

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## 1 Introduction

### 1.1 Description

This manual describes the software upgrade for paperless recorders of the type 70.6580 (basic type extension -1) with the new device software of the type 70.6581 (basic type extension -2).

Following the upgrade, the new software functions can be used on the devices of the first basic type extension.

The upgrade only applies to the software functions. New hardware components are not supported. New hardware components are:

- "Profibus" extra code
- "USB host" interfaces
- "USB device" interfaces

### 1.2 Documentation structure

The manual only consists of this section and is available on paper and as a PDF file.

### 1.3 The purpose of this documentation

This manual contains information that must be observed in the interest of your own safety and to avoid damage to assets. This information is supported by symbols which are used as follows.

Please read this manual before commissioning the device. Keep the manual in a place accessible to all users at all times.

If difficulties occur during commissioning, please refrain from carrying out any manipulations that could jeopardize your warranty rights.

## 2 Safety instructions

### 2.1 Safety signs

#### Warning signs



#### **CAUTION!**

This symbol in combination with the signal word indicates that **damage to assets or data loss** will occur if suitable precautions are not taken.

#### Note signs



#### **TIP!**

This symbol refers to **important information** about the product or its handling or additional use.

# Chapter 3 Operation

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## 3 Operation

### 3.1 Delivery scope

The delivery scope of the upgrade bundle includes the following:

- setup program, version 187.02.xx/2.00 or later,
- device software of the basic type extension -2, version 187.02.02 or later and
- this upgrade procedure manual.

### 3.2 Procedure

**CAUTION!**

Software upgrade.  
Data loss is possible.  
You must adhere to the following procedure.

**TIP!**

Have a CF card and the upgrade bundle ready for the software upgrade.

Step	Activity
1	Make a back-up of the recorder data: Read out the measured data (recorder data) from the device (via the interface or CF card) and save in the PCA3000. After the upgrade to the new device software, the data of the device is saved in a new PCA3000 archive.
2	Install new setup program: Install the new version of the setup program on a PC.
3	Convert and save the configuration: Read out the old configuration of the device and save the data. The configuration can be read out with the new setup program via the device interfaces or via the CF card.
4	Convert and save the factory data: If the device was equipped with an individual factory configuration, this must also be read out and saved. It can be saved again as the new factory configuration as described in step 8. To read out and save, first call up the function "Accept factory setting" in the menu "Device manager->Service". Subsequently, it is necessary to read out and save this configuration.
5	Create an upgrade CF card: Copy all files from the upgrade bundle (directory "Device data") onto a CF card and set the data carrier name on the CF card to "F_CF_9200".

Step	Activity
6	<p>Update device software:</p> <p>Insert the CF card into the device and start the function "Software update" in the device menu "Instrument menu-&gt;Service". The software update will be executed.</p> <p>First of all, the new firmware is transferred to the device. This procedure is indicated by a progress bar and takes approx. 10 minutes. The device is rebooted shortly after 100 % is reached. Device rebooting can take up to 10 minutes.</p> <p><b>Do not switch off the device at any time during the entire process!</b></p> <p><b>It is necessary to perform the following steps although the device has started the configuration.</b></p>
7	<p>Transfer web server files:</p> <p>The web server files have to be transferred for the current configuration and for the factory data, if necessary.</p>
8	<p>Restore factory data:</p> <p>This step is only necessary if the device was equipped with individual factory data before the upgrade.</p> <p>Open the factory data file (step 4 and step 7) in the setup program and transmit them to the device.</p> <p>In the menu "Device manager -&gt; Service", execute the function "Config. -&gt; factory setting".</p>
9	<p>Restore current configuration:</p> <p>Open the current configuration file (step 3 and step 7) in the setup program and transmit to the device.</p>

➔ The upgrade is complete.  
Check that the device is correctly set.



**TIP!**

It is necessary to convert all configurations stored on CF cards with the new setup software to the new version (by reading in and subsequently saving) before the configuration can be imported back into the device.



**TIP!**


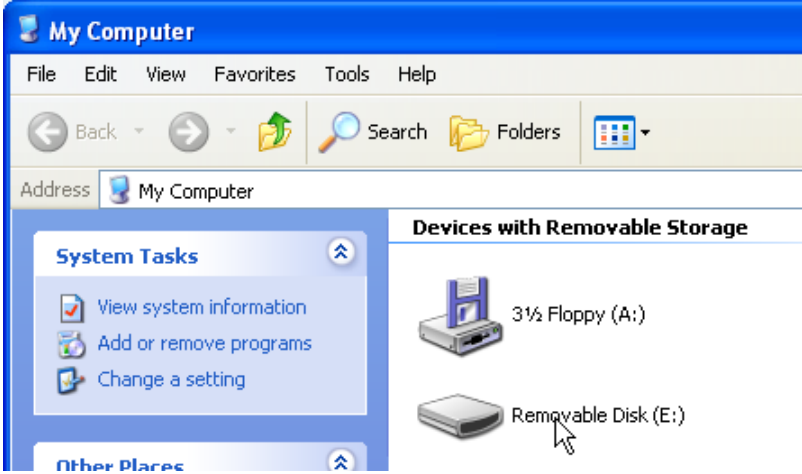
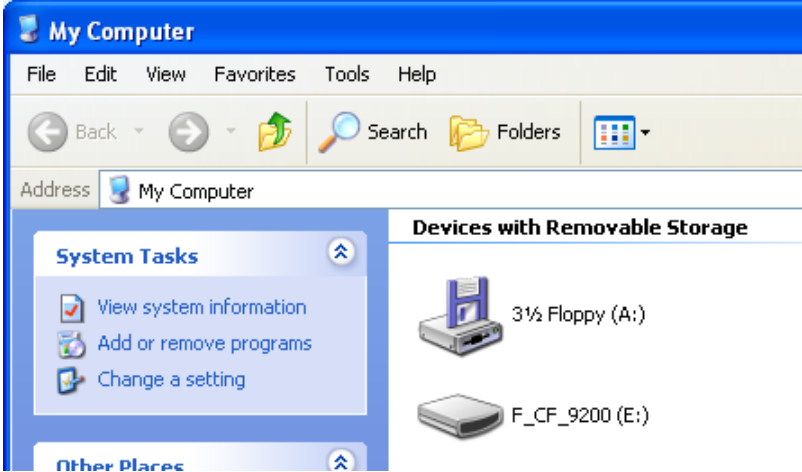
Only use the new setup software on all PCs from now on.

# Chapter 4 Supplement

## 4 Supplement

### 4.1 Data carrier name

Observe the following steps for creating or renaming a data carrier name, in this case, that of a CF card.

Step	Activity
1	Connect the CF card to the PC via a card writer/reader.
2	Open the Device manager by clicking on the Device manager symbol on the PC desktop with the left-hand mouse button. 
3	Position the cursor on the CF (removable medium) card symbol. 
4	Press the right-hand mouse button and select the function "Rename" via the menu.
5	Enter the name "F_CF_9200" and complete the entry by pressing the ENTER key. 

➔ If the files have already been copied from the upgrade bundle onto the CF card, the CF card is now ready for the upgrade process.

## 4.2 Webserver files

The web server files of the setup version 187.01.xx (basic type extension -1) are not automatically converted to the version 187.02.xx (basic type extension -2). If an old configuration file is opened with the new setup software, the device settings only are adapted to the new setup software. The files of the web server (Edit menu -> web server) remain unchanged and can continue to be used.

If the new features of the web server offered from basic type extension -2 are to be used (e. g. online visualisation), it is necessary to transfer the new web server files from basic type extension -2. In this case, proceed as follows:



**TIP!**

If changes to the web server files have been made in the first version (basic type extension -1) or own files have been used, then these changes have to be incorporated again after transferring the new web server files.

Step	Activity
1	Start the new setup program 187.02.xx.
2	Open and save the old setup configuration (e. g. Config1.187) of the old device version 187.01.xx with the new setup program (187.02.xx). <ul style="list-style-type: none"> <li>➤ The configuration is automatically converted to the new version. It does not contain any online visualisation, but customer-specific HTML files (if applicable).</li> </ul>
3	Create a new setup configuration (e. g. Config2.187) with the new setup program (187.02.xx). <ul style="list-style-type: none"> <li>- File -&gt; New</li> <li>- User defined settings</li> <li>- Continue -&gt; Continue -&gt; Continue -&gt; Continue</li> <li>- Finish</li> <li>- File -&gt; Save as</li> </ul>
4	Create two subdirectories (folders) on the PC (e. g. C:\WebFilesOld and C:\WebFilesNew).
5	In the converted setup (Config1.187) export the web server data into one of the directories. <ul style="list-style-type: none"> <li>- Edit -&gt; Web server</li> <li>- Export web</li> <li>- Select the directory (e. g. C:\WebFilesOld), confirm with OK</li> <li>- Complete the editing of the web server with OK</li> <li>➤ The old web server files are saved in the directory.</li> </ul>
6	In the new setup (Config2.187) export the web server data into the other directory. <ul style="list-style-type: none"> <li>- Edit -&gt; Web server</li> <li>- Export web</li> <li>- Select a directory (e. g. C:\WebFilesNew), confirm with OK</li> <li>- Complete the editing of the web server with OK</li> <li>➤ The new web server files are saved in the directory.</li> </ul>

## 4 Supplement

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Step	Activity
7	If changes to the web server files have been made in the first version or own files used, these changes have to be incorporated into the new web server files in the second subdirectory (e. g. C:\WebFilesNew) (e. g. by copying own files from C:\WebFilesOld to C:\WebFilesNew or by copying the application specific HTML code into the .htm files).
8	In the converted set up (Config1.187) import the web server data from the second directory (e. g. C:\WebFilesNew). <ul style="list-style-type: none"><li>- Edit -&gt; Web server</li><li>- Import web</li><li>- Select a directory (e. g. C:\WebFilesNew), confirm with OK</li><li>- Complete the editing of the web server with OK</li></ul> ➔ Import the new web server files into the setup file and overwrite the existing files.
9	Save the setup file.

- ➔ Now the new setup file can be used. After the web server application has been checked, the two directories (old and new) can be deleted.





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