

## Short instruction for the "BCL Config V3.00" (version 3.31)

To install the program double click the "setup.exe" file and follow the instructions.  
After successful installation and starting the program, there will be the "Leuze electronic" default project on the left screen side.

In this project all possible devices are available.

This project is "read-only", but you can change it and save it in the menu "**Project**" -> "**save as...**" with another filename.

### 1. Create a new project:

- select "**Project**" -> "**New...**"
- choose the filename: up to 256 characters
- choose the project name (= title for the project), up to 256 characters
- description if necessary
- after confirmation with "**ok**" the new name for the project will appear.

### 2. Create a new device:

- click with the left mouse button on project name
- click with the right mouse button on project name
- choose "**New**" -> "**Single device...**"
- choose device name
- select device type -> corresponding select BCL type or MA type
- select BCL version or MA version -> don't forget the softwareversion !!
- after "ok" there will appear the new device name under the project name

With this procedure you can create all necessary devices.

### Note:

By creating of a single device always the Leuze default parameters will be generated depending on the selected software version.

Also the interface parameters from the PC to the device will be set to Leuze default values.

This are: **9600 / 8 / 1/ None**

Framing Protocol: **STX.....CR LF**

Address: **None**

The only exception is the MA30. Here the address always will be set to **00**

### 3. Graphical Configuration:

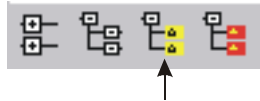
If a single device is selected with the left mouse button, the graphic-configuration will appear.

With the graphic-menu you can set the parameters offline and download it to the device. For better orientation all the parameters which are changed from the Leuze default value will be appear with a yellow border.

#### 4. Tree Configuration:

The second possibility to work offline is the tree-configuration.

In the tree-configuration are all the parameters from the graphic-configuration plus more parameters.



To show all changed parameters, click on the yellow symbol.

#### 5. Terminal:

The third possibility is the terminal. Here you can communicate online with the device.

Attention: Please note when using offline- and online programming varying, the settings can show not the actually values.

For ex. when you change a parameter with an online command, this parameter will show the valid value in the graphic menu only after uploading the parameters from the device !

##### 5.1. Terminaloptions:

Menu **"Terminal"** -> **"Options..."** (Terminal must be selected)

In the register **"Send"** and **"Receive"** you can choose between the 3 data-format "ASCII", "Hex" and "Dec" (decimal). Standard is "ASCII"

Note: If the script "Terminal" is installed on your PC, please select this script for displaying special control-characters (for ex. the No-Read character 18h)

In the register **"Terminal"** you can select the Number of lines, the date and the time.

#### 6. Configure the device-specific interface parameters and addresses:

This is for setting the connection (interface) from the PC to the device.

(Not the interface of the device)

When working with the service-interface, there must be changed nothing !

If this settings were changed, they can set to Leuze default values with clicking on the **"Factory Default"** button.

Attention: At a MA30 / MA31 the address must set to "00"

If the connection is not the service-interface:

- click with the left mouse button at the device which must be configured Important !!!
- click with the right mouse button -> select **"Device properties..."**
- select **"Communication..."**: set the parameters to the values are needed

-> Set the address (for a network): In the menu **"Protocol"**

at **"Network"** set to **"Multinet"**

at **"address mode"** set to **"ASCII Address"**

at **"Address"** set the needed Address

After confirm with 2x **"ok"** the new values will be indicated on the status-line at the bottom.

With this interface parameters the communication to the device will be started

Note: For a better understanding you can open the "Network Default" project.  
There is created a little network with three devices.  
If a scanner BCL 40 or BCL 80 is connected at the MA 30, there will be two devices  
with the address 00.

**The help documentation for the respective device you will find after a click on the  
button "Technical description of the selected device" (Under construction)**

