

The *BLCT* commissioning software runs with Drives for stepper motors and servo motors, and can be used for commissioning support, product presentation, diagnostics and testing.

Supported compact drives

BLCT supports the following drives

- SD328 stepper motor drives
- Lexium05 servo drives

Features

- Input and display of device parameters
- Archiving and duplication of device parameters
- Display of status and device information
- Positioning the motor with the PC
- Triggering reference movements
- Signal acquisition
- Optimizing closed loop controller parameters (only with Lexium05)
- Access to all documented parameters
- Diagnosis of operating faults
- Display inputs/outputs with force function
- Nodeguard function for communication line
- Archiving device information, error memory and acquisition data

Interface to the drive

BLCT communicates with the drives via a field bus converter. Following communication options are available::

Compact drive	PC	Required field bus converter	Reference source
SD328 (RS485)	RS232	ACC2CRAAEF030	Berger Lahr
LXM05 (RS485)	RS232	ACC2CRAAEF030 or VW3A8106	Berger Lahr Berger Lahr

System requirements

The minimum hardware requirements for setup and operation of the software are as follows:

- IBM compatible PC with Pentium processor
- 128 MB RAM
- 20 MB free memory on the hard disk
- Windows 2000 Professional with Service Pack 4
or
Windows XP Professional with Service Pack 2
- Field bus converter and a cable set for the drive

Installation

- Load the software from the internet site www.Berger-Lahr.de and save it in a temp directory (e.g. **C:\Temp**) on your PC.
- Select the directory and start the installation with a double-click on the program.
- The installation program guides you through the installation step-by-step.

When *BLCT* has been installed, you can start it from the start icon in the task bar. The *BLCT* entry is in the program list under **Start→Program files→BERGER LAHR→BLCT**.