www.phytron.co.uk/ServiceBus-Comm

# ServiceBus-Comm®

## Communication software for parameterising and control of stepper motor power stages

The phytron communication software Service-Bus-Comm®, designed for Windows®, assists the user to program and operate stepper motor power stages – e.g. ZMX+, MCD+, MR8+, CCD+ – equipped with Service-Bus[1] interface.

Operating parameters such as run current, stop current, step resolution, current delay time or other parameters depending on the type of power stage, can be edited by PC, saved and transmitted to each power stage by ServiceBus.

ServiceBus-Comm® helps to monitor the actual current, the power stage- or the motor temperature during operation. Status windows report input conditions and make it possible to set outputs or to display detailed error messages.

Optionally, ServiceBus instructions and functions can be handled by individual software. Readable ASCII string instructions are editable e.g. with LabView®, HyperTerminal or C language.

Up to 32 stepper motor axes can be simultaneously distributed by ServiceBus-Comm®.

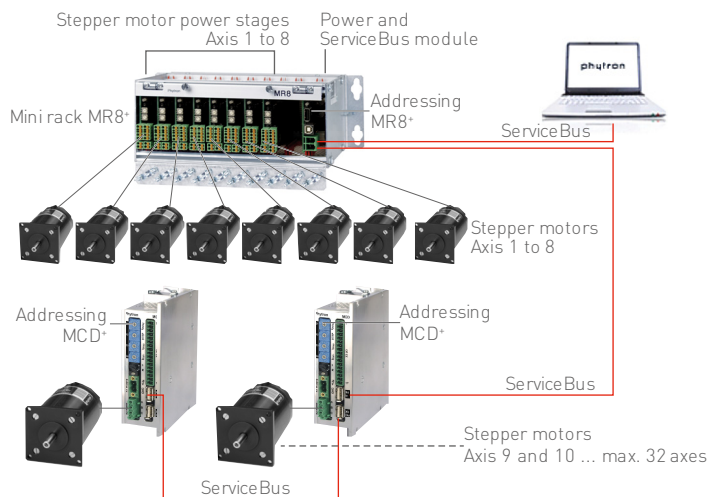[1] All types of phytron control units with Service-Bus are labeled by the appendix +.

## In Focus

- Communication software for stepper motor power stages with ServiceBus
  ServiceBus-Comm® is a registered trade mark of the Phytron-Elektronik GmbH.
- Putting into operation, configeration and error diagnosis
- Programming power stage parameters
- Online status display for safe operation and easy maintenance
- Parameter memory for data backup
- Designed for PC under Windows® 95, 98, 2000, NT, XP, 7
- Browser independent installation software
- Installation from CD
- RS 485/4-wire connection of the power stages or ServiceBus modules
- Connection to the PC by USB, RS 485/4-wire or RS 422

## Highlights

### Example: 10 axes at the ServiceBus



Stepper motor power stages Axis 1 to 8

Power and ServiceBus module

Mini rack MR8+

Addressing MR8+

ServiceBus

Stepper motors Axis 1 to 8

Addressing MCD+

Addressing MCD+

ServiceBus

Stepper motors Axis 9 and 10 ... max. 32 axes

ServiceBus

phytron
Beyond Steppers

## Control

### Program Windows



## phytron products with ServiceBus support:

• MCD+
• MR8+
• ZMX+
• PAB+
• CLD+
• CCD+