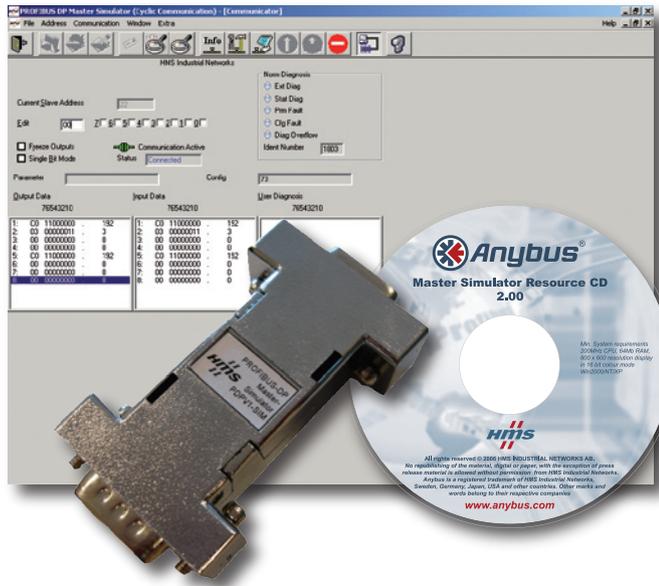


Turn your PC into a Profibus-DP or Profibus-DPV1 Master!



- ▶ Easy to use testing tool for Profibus-DP and DPV1 Slaves
- ▶ Test your digital I/Os and Read/Write your parameters
- ▶ Designed for PCs and Laptops under Windows
- ▶ Available for Profibus-DP and Profibus-DPV1



Master Simulator

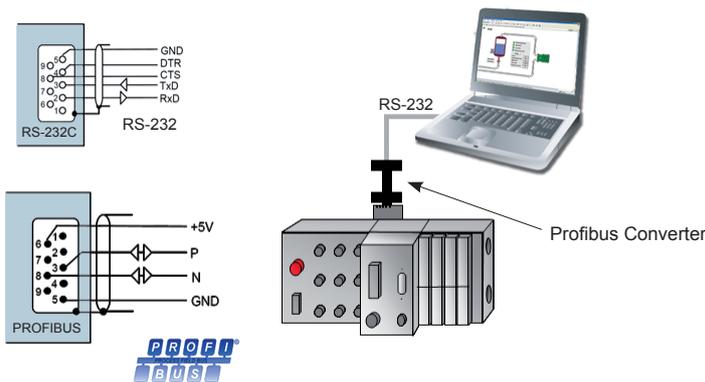
The Master Simulator is an easy to use tool for setup and test of Profibus-DP/DPV1 slaves. The user-friendly software interface makes it easy to configure, initialize and communicate with DP-Slave devices.

For example, you can use the tool to test the wiring of the inputs and outputs of an I/O block or even see Profibus diagnostic messages.

In addition, the DPV1 version of the Master Simulator allows to read and write acyclic parameter data of intelligent field devices with the Profibus-DPV1 services.

The Master Simulator is useful during setup of the Slaves in the Profibus network as well as during final inspection tests at the device manufacturer. For these purposes, the Master Simulator is an economic alternative to an expensive PLC or a Profibus PC-interface card. Using the Master Simulator off loads users from the time consuming writing of specific test programs. However, the Master Simulator is a test tool only. It shall not be recommended to be used in control applications.

The automatic Slave identification functionality permits to communicate to almost any DP-Slave device even if the normally required GSD file is not available. So it is possible, to initialize a Profibus-DP or DPV1 Slave device step by step and finally read or write the I/O data. Especially during setup and maintenance, where often the GSD files from the devices are not available, the Master Simulator has proven its concept and pays off shortly. The Master Simulator also permits the address assignment of the Profibus Slave addresses via the bus as well as to display and analyze the diagnostic messages of the Profibus Slaves on the screen.



The connection to the Profibus interface of the Slave device is made via the included RS-232 to Profibus converter which is connected to the COM-Port of the PC via the serial connection cable. The converter is powered from the Profibus interface of the field device and does not need any external power supply.

Key Features

- Easy to use test and diagnostic tool for Profibus Slaves
- No programming required
- Read / Write of cyclic Input and Output Data in various formats
- The DPV1 version permits acyclic parameter Read / Write access
- Automatic Profibus Slave address search
- Automatic detection of I/O data size
- Display of standard Profibus diagnostic messages
- Works also without GSD file
- Ideal for mobile usage with laptops
- No external power supply required

Specifications

- **Size:** 62 mm x 34 mm x 15 mm
2.44" x 1.34" x 0.59"
- **Connectors:**
RS-232 side: DSub-9 female
Profibus side: DSub-9 male
- **Supply:** 5 Volt / 60 mA taken from the Profibus interface of the device
- **Operating Temperature:** 0-55 °C
- **Baudrate:** 19.2 kbit/s
- **Cable Length:** max. 2 m
- **CE certified; RoHS compliance**

Operating Requirements

- PC operating Win 9X/2K/ME/XP

Ordering Information

- 017504**
Master Simulator Profibus-DP
- 017505**
Master Simulator Profibus-DP/DPV1
Delivery includes:
Profibus Master Simulator software CD, connection cable to connect the converter to a PC COM-Port and an RS-232/Profibus converter.
- 019570**
USB – Serial Converter
Connects the Profibus-DP or Profibus-DPV1 Master Simulator to the USB interface of an PC or Laptop

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