

## Handling-Shortinstruction for USB-Powerkabel V1.1



With the USB-power-cable you generate from the USB-voltage +5V the in the automation-technology customary 24V DC.

### **Attention:**

Please note that the maximum power output of 3W requires a power on the USB-side of at least 600mA. Any commercial PC has a maximum standard output of 500mA. At ports that are duplicated through a hub there is often delivered only 100mA!

Not that you burd the USB-port with excessive current draw of the PC such that it is defective.

For damage caused by improper use, we assume no adhesion.

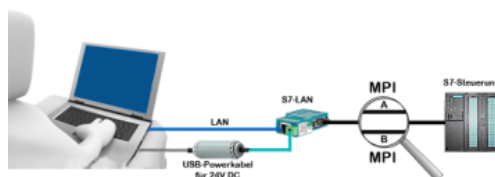
The cable has the following pinout:

Red wire-termination: +24V DC

Blue wire-termination: 0V (GND)

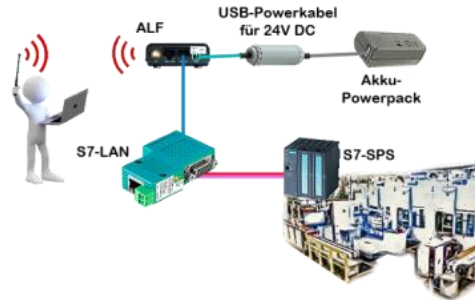
You can use the cable as follows:

### 1. Accessing bus systems without 24V



You are on site at your plant, right in the field and have no 24V DC to power your S7-LAN-module? Plug the USB-powercable into a free USB-port on your PC, connect it to the S7-LAN-module and you will be immediatly Online on the connected bus.

## 2. Operation with power-pack



You want to move your mobile plant and need for the Acces-Point ALF a 24V DC supply. Through the USB-powercable and a USB-power-battery you have mastered the problem with little effort.

## 3. Complete supply from the PC



You are on site at your plant, right in the field and have no electrical outlet in order to realize your internet-access by Toni. Plug the USB-powercable into a free USB-port on your PC, connect it to the Toni and you will have immediate access to the internet.

More information about our products you can find [here](#)

Under the web-address <https://www.process-informatik.de> are product specific documentations or software-driver/-tools available to download.  
If you have questions or suggestions about the product, please don't hesitate to contact us.

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**Menutree Website:**

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  - + Connector / Power supply
  - + USB-powercable for 24V DC

**QR-Code Website:**



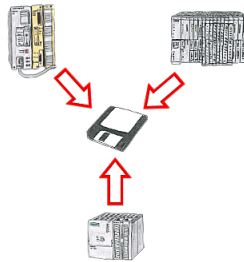
Please make sure to update your drivers before using our products.

## Remote-maintenance Siemens-S7-PLC with PN-Port



Remote-maintenance of a Siemens-controller with network-connection via secure VPN-tunnel of the TeleRouter

## Backup of formulas without knowledge of PLC



You consistently have to back up formulas which are stored in data blocks or back up production protocols, but the employee in charge has no knowledge of PLC-programming respectively handling PC-programs? No problem, install the PG-2000-software with "option DB-backup" on your PC and connect it with the PLC. The employee only has to click on a symbol on the desktop of the PC and the data blocks of the parameterised PLC will be stored on the fixed disc. Afterwards the program closes itself and the mentioned employee didn't had to accomplish an intervention on the program.