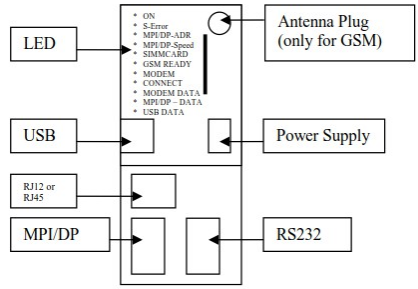
# Handling-Shortinstruction
# for
# Tele-Service Analogue/ISDN/GSM V1.8

## Interface-picture:




## Connectors:

**Analogue-Modem:**
Connection to a similar telephone-jack by means of phone-line. Only the two middle contacts of the RJ-12-plug (4/6) are recommended. It is to be placed surely that also the phone-lines (a and b) is presented there. There are no shortings in the plug nor in the socket necessarily.

**ISDN:**
Connection to a similar phone-jack to an ISDN-phone-line. There should be the four middle pins connected in the RJ-45-plug (3/4/5/6). Be sure that there is the correct pinning used for the phone line (RX+,TX+,TX-,RX-).

**GSM:**
Connection to an external antenna by an male FME-Plug.

**MPI/DP:**
This female-plug is occupied concerning the bus and mass like a plc. The Tele-Service can be attached with the delivered Interface-cable cable directly to the PLC or the Profibus. In addition, a Profibus connector can used also.
You can connect to a MPI or Profibus- system with a transfer-rate from 9600 Baud up to 12M Baud.

**PC(RS232)-Plug:**
The connection to the PC is accomplished by a 9pin null-modem-cable. This plug is completely occupied like a PC with a serial connector. a PC/PG can be directly attached, and with the driver “TS-Adapter“ or “PC-Adapter” the Simatic manager could access the TeleService or PLC.

**USB-Plug:**
The PC is connected over an USB-Hub with a type-A to type-B USB-cable. Download and install from the named website the TIC, after that the Simatic-Manager could access the PLC with the driver „TIC ETH/USB".

**Power-Supply:**
The Tele-Service expects an operating voltage of 24V DC with a tolerance of ±20%. The current is up to 200mA. As the Tele-Service in the picture is shown, from top to bottom the pinning of the power-jack is as follows::

+24V DC
0V

**PE is connected over the rack !**
The allocation is likewise printed on the case.

**Controll-LED:**
The device possesses 10 status LED´s for additional communication to the user. These 10 LED are used as follows:

| LED | Color | Deskription |
|---|---|---|
| ON | Green | Power is on |
| Σ-ERROR | Red | An error has occurred |
| MPI/DP-ADR | Red | The configured local station-address is already in the bus |
| MPI/DP-SPEED | Red | The configured Baud rate in the MPI/DP Bus is wrong or transmitter errors |
| SIMMCARD | Red | PIN-Number of SIM-Card wrong or not configured |
| GSM READY | Yellow | OFF = no power on modem<br>ON = no authentication on GSM<br>flashing 200ms/2s = correct authentication on GSM<br>flashing 200ms/600ms = communication on line |
| MOD.CONNECT | Yellow | Modem is connected |
| MODEM DATA | Yellow | Short flashes when sending/receiving data over the phone line |
| MPI/DP DATA | Yellow | Short flashes when sending/receiving data on the MPI/DP-Bus |
| USB DATA | Yellow | Short flashes when sending/receiving data on the USB-Port |

**Attention:** The SIMMCARD-error-LED is automatically ON for GSM-devices, when the simmcard is not plugged or while plugged simmcard the pin-code is not or wrong configured.

**First-Configuration:**

At first connect the MPI/Profibus and the phone-jack or external Antenna to the Tele-Service. After that connect the power-supply. At boot-time the Tele-Service is checking the hardware.

The configuration of the Tele-Service is done with the Tele-Service-Application from Siemens. For the SMS-Mode you must download and install and use the TIC from the named web-side.

**Mechanical Data:**
Dimension (WxHxD): 40 x 125 x 115 mm
Case type: ABS,V0

Possible telephone-connection- and communication types:

| | | TeleService | | |
|---|---|---|---|---|
| | | Analogue | ISDN | GSM |
| PG/PC-Modem | Analogue | YES | NO | YES |
| | ISDN | YES, if analogue-emulation is provided (f.e. Fritz-Card) | YES | YES, if analogue-emulation is provided (f.e. Fritz-Card) |
| | GSM (f.e.M20-terminal) | YES | NO | YES |

**In the version "ohne Profibus" there are baudrates up to 12MBaud (MPI and programming over profibus), but not DP V0 / V1 / V2**

DP V0 / V1 / V2 in the version "mit Profibus" is in prepare.

More to the Tele-Service as well as the current equipment manual can you find under

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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**QR-Code Website:**

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

Remote-maintenance Siemens-S5-PLC

Remote-maintenance of a Siemens-S5-controller with S5-LAN++ on PD-port via secure VPN-tunnel of the TeleRouter