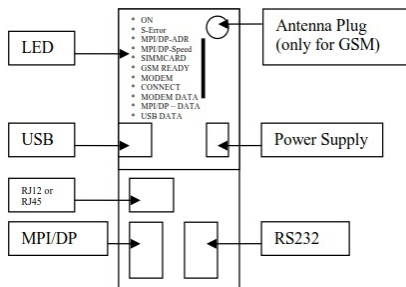


Handling-Shortinstruction for Tele-Service Analogue/ISDN/GSM V1.8



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 a 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 $\pm 20\%$. 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 ON = no authentication on GSM flashing 200ms/2s = correct authentication on GSM 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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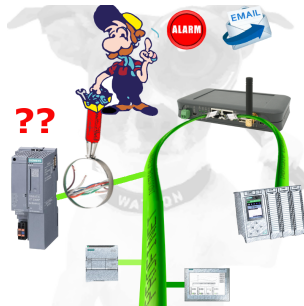


QR-Code Website:



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

Recognize missing Profinet participants



Recognize cable breakage, contact problems and line faults.
Retransmissions and failures are logged and reported.
Early acting before total failure of the participant.