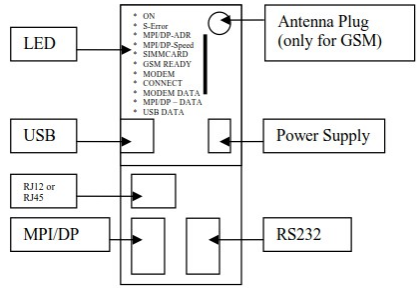
Handling-Shortinstruction
for
Tele-Service Analogue/ISDN/GSM V1.8

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 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.

Process-Informatik Entwicklungsgesellschaft mbH
Im Gewerbegebiet 1
DE-73116 Wäschenbeuren
+49 (0) 7172-92666-0

info@process-informatik.de
https://www.process-informatik.de

Copyright by PI 2007 - 2026

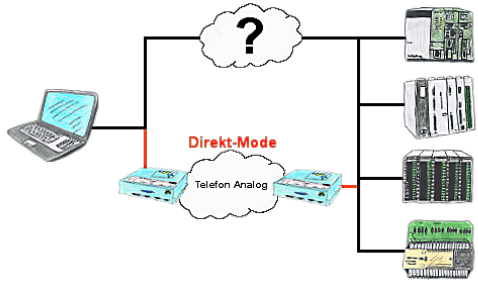
Menutree Website:

+ Products / docu / downloads
  + Hardware
    + Remote maintenance
      + S7
        + GSM
          + TELEService GSM

QR-Code Website:

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

Direct-mode „extended serial interface“



There is an unsupported control or data logger or converter integrated in your installation which protocol is not supported? No problem, the signs that the PC in the office sends will be transferred via telephone line by the Direct-mode , and on-site reproduced by the TP/TB. The way back is identical. So in that case there's also a communication to the electronic devices available.