



Technical Info

Installation instruction for GPRS Modem in SILVERBALL PRO Upright



T A B

A U S T R I A

Industrie- und Unterhaltungs-
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Installation instruction for GPRS Modem in SILVERBALL PRO Upright

In order to operate the machine with GPRS modem correctly, please follow the instructions below:

1. Order numbers for SILVERBALL PRO Upright
2. Wiring and connecting of interface to PC
3. Wiring and connecting of power source
4. Installation and connecting of modem
5. Software installation

IMPORTANT:

Before working on the machine **switch off** the machine and **disconnect the power cable**.

1. Order numbers for SILVERBALL PRO Upright

You can order GPRS add-on kit **or** single parts .

GPRS add-on kit:

831800080 GPRS kit SILVERBALL Upright without VDAI
831800081 GPRS kit SILVERBALL Upright with VDAI

The GPRS add-on kit contains the following single parts:

Single parts with VDAI:

831800056 PC GPRS modem Siemens MC35T
831800061 Inner glass antenna 900/1800
831800062 Adapter f. GPRS modem seriell 9-25pol.
831800063 Cable Power GPRS modem
831800065 Cable GPRS-cable for VDAI SB-Upright

Single parts without VDAI:

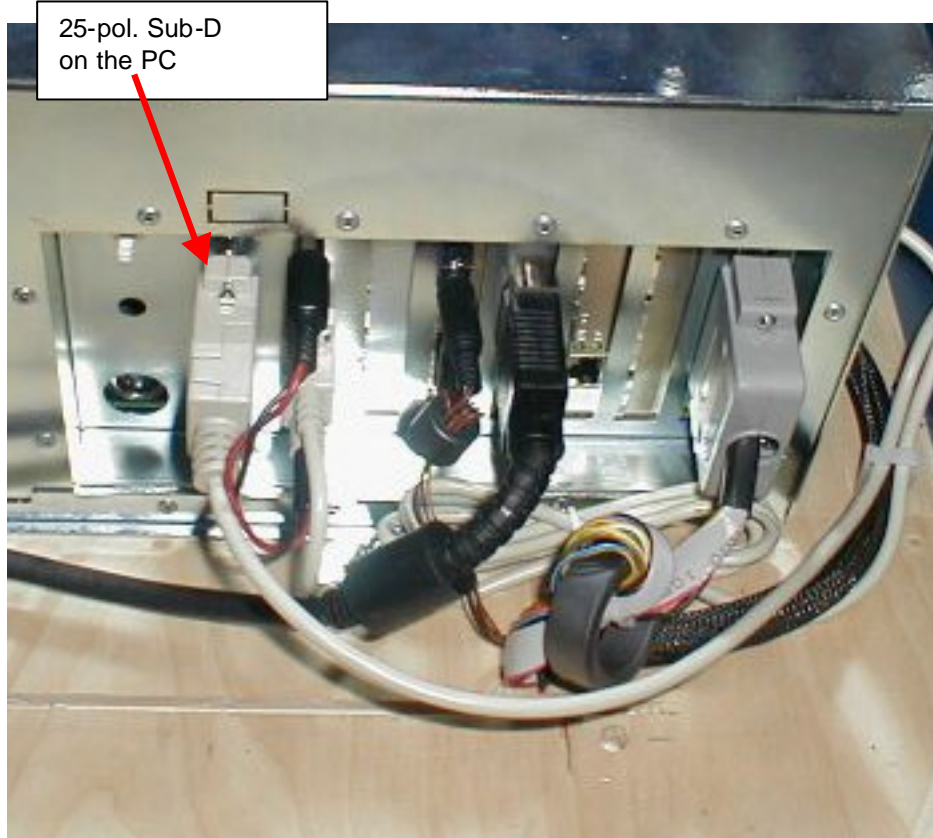
831800056 PC GPRS modem Siemens MC35T
831800061 Inner glass antenna 900/1800
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831800063 Cable Power GPRS modem



2. Wiring and connecting of interface to PC

Connect the modem cable for the GPRS modem from PC 25-pol. Sub-D connector to the 9-pol. Sub-D socket on the modem.

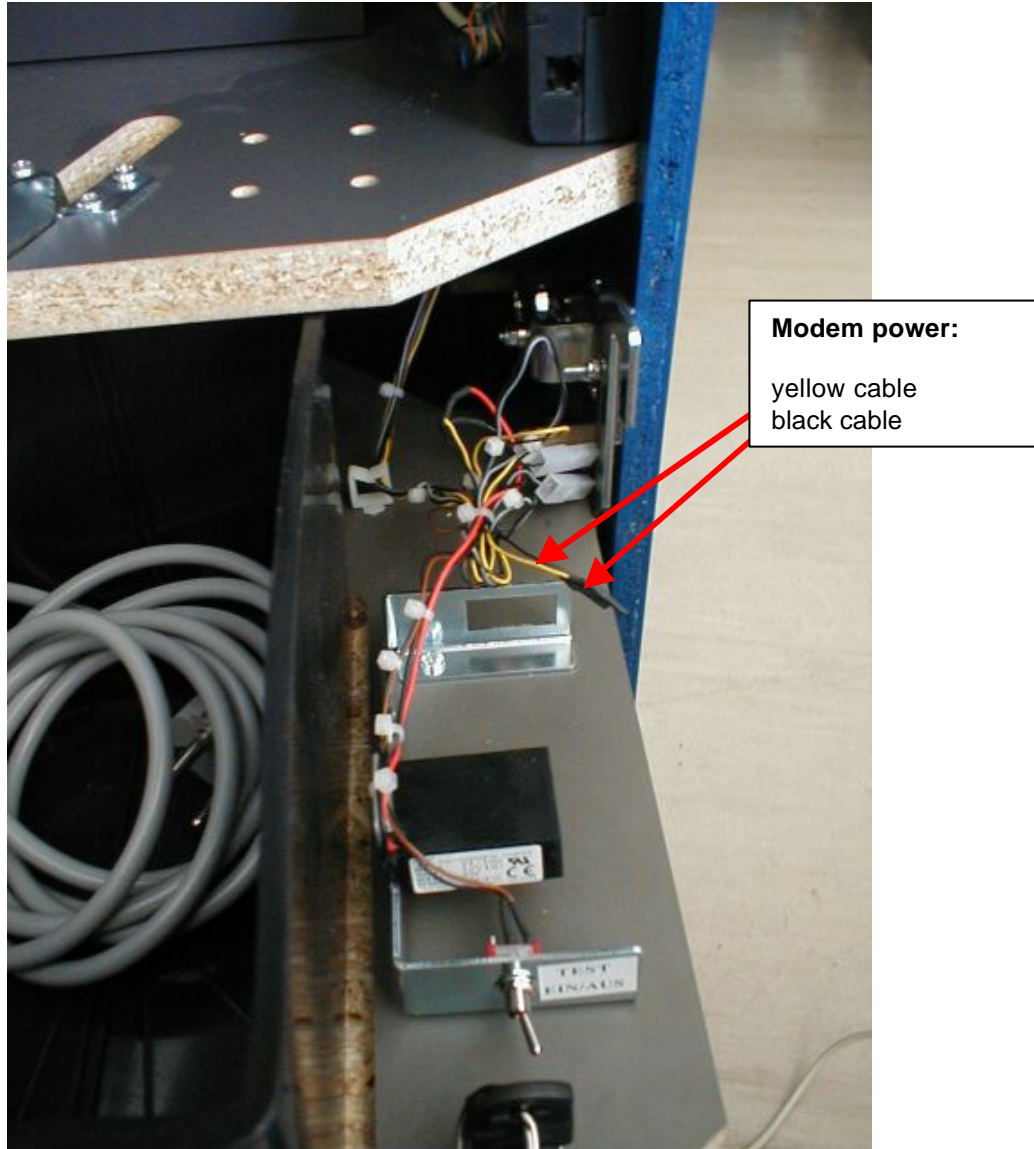
Picture 1



3. Wiring and connecting of power source

The operating voltage of the modem are +12V DC. 'Picture 2' shows the two wires where you can take the power for the modem. Yellow +12V and black = GND. Solder the power cable on these two wires.

Picture 2



4 Installation and connecting of modem

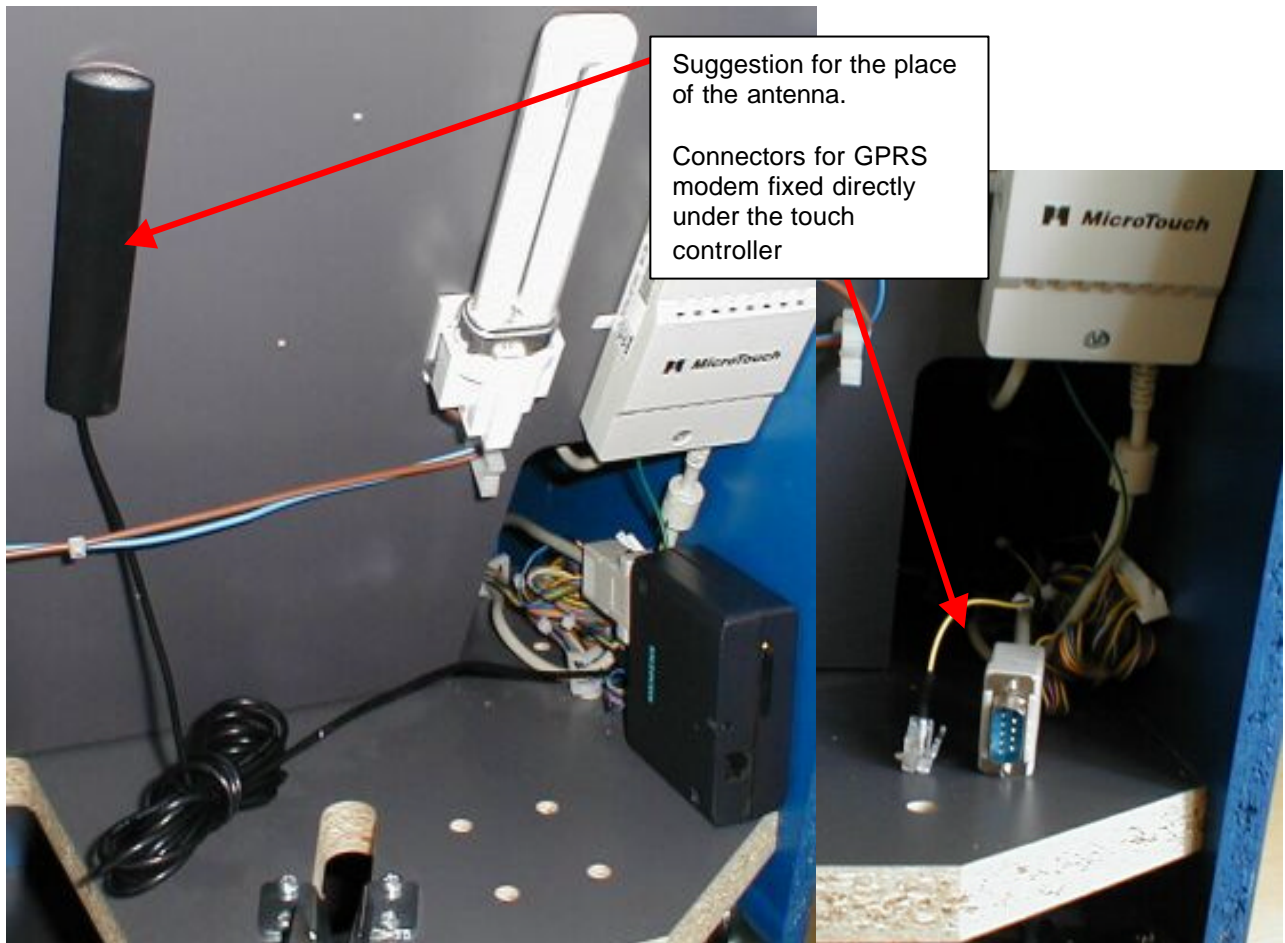
Put the modem cable and the power cable to the touch controller.

Connect the power (Western connector) and the modem cable (9-pol. Sub-D) to the modem. Screw the antenna in the antenna socket (Picture 3 and 4). We suggest to fix it like shown in 'Picture 3'.

The signal quality of the modem depends on where the antenna will be fixed. You can test the signal quality in the testmode menu of the software installation. The GPRS signal quality (Picture 7) identifies best signal quality.

Picture 3

Picture 4





5. Software installation

After the modem installation switch on the machine and change to the testmode.

Picture 5

The screenshot shows a software installation menu with several sections. The first section is 'Machine/Set-up site' with fields for Machine number (11673), Name of the establishment (TDO), Place/Town (Büro TD), Address (Adress), Telephone number (Telefon), Fax number (Fax), Email (Email), and Country (Austria). A 'change' button is located to the right of the Country field. The second section is 'Connection (Modem)' with fields for Telephone number (*99***1#), User name (gprs@a1plus.at), and Time (19:00). A 'change' button is located to the right of the User name field. The third section is 'ChampionsNet' with a checked 'activate' checkbox. Below these sections are several buttons: 'Test connection', 'Protocol', 'Register ...', 'Email', 'Receive datas', 'WWW', 'Help', and 'Back'. A red arrow points from the 'change' button in the 'ChampionsNet' section to the 'change' button in the 'Connection (Modem)' section.

At menu point 'ChampionsNet', connection (modem) change (picture 5) the settings can be changed.





Picture 6

Provider connection	
Telephone number	<input type="text" value="*99***1#"/> <input type="button" value="change"/>
User name	<input type="text" value="gprs@a1plus.at"/> <input type="button" value="change"/>
Password	<input type="text"/> <input type="button" value="change"/>
Confirmation	<input type="text"/> <input type="button" value="change"/>

Start of transmission	Connection Type
<input checked="" type="radio"/> Hour 19 <input type="radio"/> Minute 00 <div style="text-align: center;"> <input type="button" value="+"/> <input type="button" value="--"/> </div>	<input type="radio"/> Modem <input checked="" type="radio"/> External Modem <input type="checkbox"/> Permanent Connection

Enter the provider connection data (e.g. Picture 6 shows the provider connection of Mobilkom Austria).

Change the connection type to external modem.

Picture 6: Code not needed for connection via Mobilkom Austria.

Attention: The provider connection data (calling number; username; code; confirmation) are depending on the provider (e.g. Picture 6 shows provider connection data of Mobilkom Austria). Contact your net provider for the correct settings.

Picture 7





GSM Signal Quality

rssi: 37
dBm: -73

PIN & PUK

Enter PIN...

Erase

PIN set

Enter PUK...

Erase

no PUK

Modem

Init String: `at+cgdcont=1,"ip","a1.net"`

change

Back

At menu point 'GPRS/GSM' (Picture 7) enter the PIN/PUK code for the SIM-card. At point 'modem' enter the correct Init string.

For example: Init string: `at+cgdcont=1,"IP","a1.net"` for Mobilkom Austria.

Attention: The PIN/PUK code is different for every SIM card. The Init string is different for every net provider. Contact your net provider about the correct settings.

INFO: The interlink function is no more available after the modem installation.

After finishing the modem installation you can test the connection (picture 5).

If you have any further questions, please call our hotline:

Phone: + 43 / 7229 / 78 0 40 – ext. 250

