



Technical Information

Connection to Internet and ChampionsNet for

SILVERBALL,
SILVERBALL PRO,
SILVERBALL MAX and
MAX FIRE



T A B

A U S T R I A

Industrie- und Unterhaltungs-
elektronik GmbH & CoKG



Connection to Internet and ChampionsNet SILVERBALL, SILVERBALL PRO, SILVERBALL MAX and MAX FIRE

This document describes the settings that are possible for the machine to get a connection to the internet and to activate the ChampionsNet. It is recommended that the hardware is installed correct in the PC.

Following variants are possible (Part numbers in bracket)

- Internal analog modem (831800053, 831800057)
- Internal ISDN-card (831800051)
- LAN by dint of internal Network card (831800060)
- External GPRS-Modem (831800056)
- ADSL by dint of internal Network card (831800060)
- TDSL by dint of internal Network card (831800060)

Although we have devoted great attention to composing the texts and illustrations, it is impossible to exclude all possibility or error.

The manufacturer assumes neither legal responsibility nor any form of liability for possible erroneous information and its consequences.

We welcome suggestions for improvement, and would appreciate having any errors brought to our attention.

All rights are reserved, including those of the photomechanical reproduction and storage in electronic or other media. The program, manual and all components are subject to international copyright provisions.

(C)1996-2002 TAB-Austria
A-4052 Ansfelden, Haiderstrasse 40
Tel. +43 / 72 29 / 78 0 40 - 0*, Fax +43 / 72 29 / 78 6 60

All rights reserved (SM 26.11.2002)





Index

1 ACTIVATE CHAMPIONSNET AND INTERNET	4
2 SET-UP OF THE CONNECTION	5
2.1 INTERNAL ANALOGUE MODEM OR INTERNAL ISDN CARD	6
2.2 EXTERNAL GPRS MODEM	8
2.3 LAN NETWORK	10
2.4 TDSL	11
2.5 ADSL	13
3 REGISTRATION AT THE CHAMPIONSNET SERVER	15
4 POSSIBILITIES	17
4.1 ROUTER	17
4.2 HUB	17





1 Activate ChampionsNet and Internet

After connecting the new hardware switch on the terminal and go to the test mode. There chose the item „ChampionsNet“ (picture 1).

Machine/Set-up site	
Machine number	12798
Name of the establishment	
Place/Town	
Address	
Telephone number	
Fax number	
Email	
Country	Austria
Connection (Modem)	
Telephone number	
User name	
Time	21:00

Buttons: Test connection, Protocol, ChampionsNet activate, Register..., Email, Help, Receive dates, WWW, Back

picture 1

Activate ChampionsNet by ticking the corresponding control box (picture 1). Answer the following dialogue with “YES” if you also want to activate the browser and the E-Mail program. After that the terminal starts from new automatically.





2 Set-up of the Connection

After the new start set up the connection by choosing the item „ChampionsNet“. Press „Change“ in the section „Connection“ (picture 2).

Machine/Set-up site		
Machine number	12798	
Name of the establishment		
Place/Town		
Address		
Telephone number		
Fax number		
Email		<input type="button" value="change"/>
Country	Austria	
Connection (Modem)		
Telephone number		
User name		<input type="button" value="change"/>
Time	21:00	
<input type="button" value="Test connection"/>	<input type="button" value="Protocol"/>	<input type="checkbox"/> ChampionsNet activate
<input type="button" value="Register ..."/>	<input type="button" value="Email"/>	<input type="button" value="Help"/>
<input type="button" value="Receive datas"/>	<input type="button" value="WWW"/>	<input type="button" value="Back"/>

picture 2

The steps necessary to configure the connection depend on the type of hardware:





2.1 Internal Analogue Modem or Internal ISDN Card

Configuration takes the same for both types. Therefore the following data is needed:

- The dial-in number of your provider (ISP)
- Your user name at the ISP
- The password for your access

A screenshot of a configuration window titled 'Provider connection'. It contains several input fields and buttons. The 'Telephone number' field is set to '019411'. The 'User name' field contains '21290/2001'. The 'Password' and 'Confirmation' fields are masked with asterisks. Each field has a 'change' button to its right. Below these fields are two sections: 'Start of transmission' with radio buttons for 'Hour' (set to 21) and 'Minute' (set to 00), and 'Connection Type' with radio buttons for 'Modem' (selected) and 'External Modem'. A red arrow points to the 'External Modem' option. There is also a 'Permanent Connection' checkbox which is unchecked. At the bottom right, there are 'Page 2...' and 'Back' buttons.

picture 3

Ensure that the „Connection Type“ is set to „Modem“ in the menu „ChampionsNet“. Then enter dial-in number, user name and your password (a second time to confirm it) into the corresponding squares. Then press „Page 2...“ and make sure that all settings tie up with picture 4.



A screenshot of a 'Proxy/Auto Configuration Script' dialog box. It has a title bar and contains the following elements:

- Proxy/Auto Configuration Script** section:
 - Enable Proxy [text field] [change]
 - Enable Config Script [text field] [change]
- DNS** section:
 - Disable DNS
 - Domain: [text field] [change]
 - DNS1: [text field] [change]
 - DNS2: [text field] [change]
- Buttons: [Apply] and [Back]

picture 4

Correct possible divergences and press „Apply“. Then press “back” and you get back to the first page of the set-up of the connection where you press “Back” again.
Now the connection is established and you can check it by pressing „Test connection“.





2.2 External GPRS Modem

The settings for dial-in number, user name and password depend on the provider. They give you the data (in this concrete example we used A1 in Austria).

Ensure that „External Modem“ is set in the section „Connection Type“ and fill in the data under “Provider connection” (picture 5).

picture 5

Press „GPRS/GSM“ to configure the GPRS Modem.

picture 6

In addition to the data above you might also receive an „Init String“ from your provider. Enter it in the section “Modem”. Moreover you have to enter the PIN of your SIM card, which you also receive from your provider.





If „PIN set“ appears on the right the PIN has been entered correctly and you can leave the menu by pressing „Back“ (picture 6).

Then press „Page 2...“ and ensure that all settings are according to picture 7:

A screenshot of a configuration menu titled 'Proxy/Auto Configuration Script'. It contains two sections: 'Proxy/Auto Configuration Script' and 'DNS'. The first section has two checkboxes: 'Enable Proxy' and 'Enable Config Script', each with an empty text field and a 'change' button. The 'DNS' section has a checked checkbox 'Disable DNS' and three rows for 'Domain:', 'DNS1:', and 'DNS2:', each with an empty text field and a 'change' button. At the bottom right, there are 'Apply' and 'Back' buttons.

picture 7

Then press „Back“ to get back to the first page of the set-up of the connection. There press “Back” again.

Now the connection is established and you can check it by pressing “Test connection”.





2.3 Local Area Network (LAN)

The screenshot shows a configuration window with the following sections:

- Provider connection:** Fields for Telephone number, User name, Password, and Confirmation, each with a 'change' button.
- Start of transmission:** Radio buttons for 'Hour' (selected) and 'Minute'. The 'Hour' field contains '10' and the 'Minute' field contains '50'. There are '+' and '-' buttons.
- Connection Type:** Radio buttons for 'Modem', 'External Modem', 'Network - Direct' (selected), 'Network - V...', and 'Network - PPPOE'. A checkbox for 'Permanent Connection' is also present.

At the bottom right, there are 'Page 2...' and 'Back' buttons. A red arrow points to the 'Network - V...' option.

picture 8

For a network connection you need no dialing parameters. Just choose „Network – Direct“ (picture 8) in the section „Connection Type“ and press „Page2...“.

The screenshot shows a configuration window with the following sections:

- Proxy / Auto Configuration Script:** Checkboxes for 'Enable Proxy' and 'Enable Config Script', each with a 'change' button.
- DNS:** A checked checkbox for 'Disable DNS'. Fields for 'Domain:', 'DNS1:', and 'DNS2:', each with a 'change' button.
- Network Info:** A checkbox for 'Use DHCP'. Fields for 'IP Address:' (10.40.59.00), 'Subnet Mask:' (255.255.0.0), and 'Gateway:' (10.40.1.2), each with a 'change' button.
- Silverball Max Terminal:** A checkbox for 'Enable Max Terminal' and a field for 'SB-Max IP:' with a 'change' button.

At the bottom right, there are 'Apply' and 'Back' buttons.

picture 9

Enter your net settings there. These settings depend on your net. Ask your network administrator for the data necessary.

Press „Apply“ after having entered all data. Then press “Back” until you are back in the menu “ChampionsNet”.





2.4 TDSL

For a TDSL connection you need a dial-in number, a user name and a password. You receive all this data from your provider. Enter the data in the section "Provider connection" and set „Network – PPPOE“ in the section „Connection Type“ (picture 10).

The screenshot shows a web-based configuration interface. At the top, there's a section titled "Provider connection" with four input fields: "Telephone number" (0191011), "User name" (670949670215@cofi.de), "Password" (masked with asterisks), and "Confirmation" (masked with asterisks). Each field has a "change" button to its right. Below this is the "Start of transmission" section, which includes radio buttons for "Hour" (selected, value 10) and "Minute" (value 50), along with "+" and "-" buttons. To the right is the "Connection Type" section with radio buttons for "Modem", "External Modem", "Network - Direct", "Network - VPN", "Network - PPPOE" (selected, indicated by a red arrow), and "Permanent Connection". At the bottom right, there are two buttons: "Page 2..." and "Back".

picture 10

Then press „Page 2...“ and enter the network settings (picture 11). If the connection does not work with these settings please contact your internet provider.





Proxy / Auto Configuration Script

Enable Proxy

Enable Config Script

DNS

Disable DNS

Domain:

DNS1:

DNS2:

Network Info

Use DHCP

IP Address:

Subnet Mask:

Gateway:

Silverball Max Terminal

Enable Max Terminal

SB-Max IP:

picture 11

Press „Apply“ and then press „Back“ until you are in the main menu of the ChampionsNet.





2.5 ADSL

For an ADSL connection you need a dial-in number, a user name and a password. You receive it from your internet provider. Enter the data in the section "Provider connection" and set „Network – VPN“ in the section „Connection Type“ (picture 12).

The screenshot shows a configuration window with the following sections:

- Provider connection:** Telephone number (10.0.0.138), User name (*****), Password (*****), and Confirmation (*****). Each field has a 'change' button to its right.
- Start of transmission:** Radio buttons for 'Hour' (selected) and 'Minute'. The 'Hour' value is 10 and the 'Minute' value is 50. There are '+' and '-' buttons to adjust these values.
- Connection Type:** Radio buttons for 'Modem', 'External Modem', 'Network - Direct', 'Network - VPN' (selected), 'Network - PPOE', and a checkbox for 'Permanent Connection'. A red arrow points to the 'Network - VPN' option.

At the bottom right, there are two buttons: 'Page 2...' and 'Back'.

picture 12





Then press „Page 2...“ and enter the network settings. The example below is only valid in Austria and does not work in your case. You receive the data you need from your internet provider (picture 13).

Proxy / Auto Configuration Script	
<input type="checkbox"/> Enable Proxy	proxy.aon.at <input type="button" value="change"/>
<input type="checkbox"/> Enable Config Script	<input type="text"/> <input type="button" value="change"/>
DNS	
<input type="checkbox"/> Disable DNS	
Domain:	<input type="text"/> <input type="button" value="change"/>
DNS1:	195.3.96.67 <input type="button" value="change"/>
DNS2:	195.3.96.68 <input type="button" value="change"/>
Network Info	
<input type="checkbox"/> Use DHCP	
IP Address:	10.0.0.140 <input type="button" value="change"/>
Subnet Mask:	255.255.255.0 <input type="button" value="change"/>
Gateway:	<input type="text"/> <input type="button" value="change"/>
Silverball Max Terminal	
<input type="checkbox"/> Enable Max Terminal	
SB-Max IP:	<input type="text"/> <input type="button" value="change"/>
<input type="button" value="Apply"/>	
<input type="button" value="Back"/>	

picture 13

Press „Apply“ and then press „Back“ until you are in the main menu of the ChampionsNet.





3 Registration at the ChampionsNet Server

To make use of the advantages of the ChampionsNet you have to register at the ChampionsNet server. For that you have to enter the name of your pub and its address. Press „Change“ in the section “Machine/Set-up site“ (picture 14).

Machine/Set-up site		
Machine number	12788	
Name of the establishment	test	
Place/Town	1234	
Address	Haus	
Telephone number	012341234	
Fax number	Fax	
Email	Email	
Country	Austria	
	<input type="button" value="change"/>	
Connection (Modem)		
Telephone number	019411	
User name	5227285001	
Time	21:00	
	<input type="button" value="change"/>	
<input type="button" value="Test connection"/>	<input type="button" value="Protocol"/>	ChampionsNet <input checked="" type="checkbox"/> activate
<input type="button" value="Register ..."/>	<input type="button" value="Email"/>	<input type="button" value="Help"/>
<input type="button" value="Receive datas"/>	<input type="button" value="WWW"/>	<input type="button" value="Back"/>

picture 14

Enter your data by pressing the button „Change“ next to the field. The first 3 fields are obligatory, the other ones optional. Then go back to the ChampionsNet main menu by pressing “Back” (picture 15).





Machine/Set-up site

Name of the establishment	<input type="text"/>	<input type="button" value="change"/>
Place/Town	<input type="text"/>	<input type="button" value="change"/>
Address	<input type="text"/>	<input type="button" value="change"/>
Telephone number	<input type="text"/>	<input type="button" value="change"/>
Fax number	<input type="text"/>	<input type="button" value="change"/>
Email	<input type="text"/>	<input type="button" value="change"/>
Country	<input type="text" value="Austria"/>	<input type="button" value="change"/>

picture 15

Press „Register...“ (picture 16).

(if the machine was set up at a new site)

(if the data of the set-up site should be changed, however the machines remains at the same place)

(if e.g. after an update the data are lost, the already registered data can be reloaded from the ChampionsNet server)

picture 16

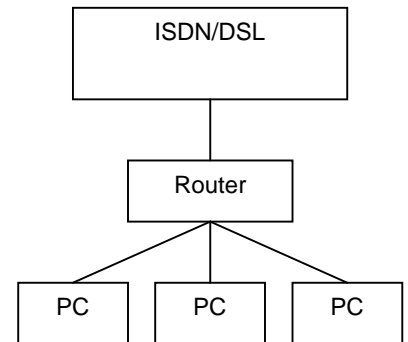
Press “New registration” if you register the terminal for the first time for the ChampionsNet. Your set of data is now being sent to the server. After finishing successfully your terminal is registered in the ChampionsNet and you can leave the test mode.



4 Possibilities

4.1 Router

With a router several PCs can be connected to a data telecommunication (e.g. an ADSL connection). Therefore you have to install a network card in the PC and set up a local network (see 2.3). Then the PCs are connected to the router, and the router is connected to the data telecommunication. Since the router is in charge of the dial now it has to know the dial data. Please find the steps necessary to configure your router in its instructions.



4.2 HUB

To connect several PCs to a network you need a HUB. A HUB is a junction where the cables of several PCs come together. HUBs exist in various sizes, above all for 4, 8 or 16 PCs. In addition there is a connection to create a “tree structure”. A HUB needs no configuration.

