



Technical Info



Installation Manual for the U.S.Robotics 8000 DSL Broadbandrouter

(How to set up a network with a single
Internet connection for up to 4 or up to
253 Silverball devices)



T A B

A U S T R I A

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Dear Silverball customer!

Following the technical instructions below you can link together up to 4 Silverball devices in one local area network and, at the same time, provide them with joint Internet access via a DSL, ADSL or Internet line. *)

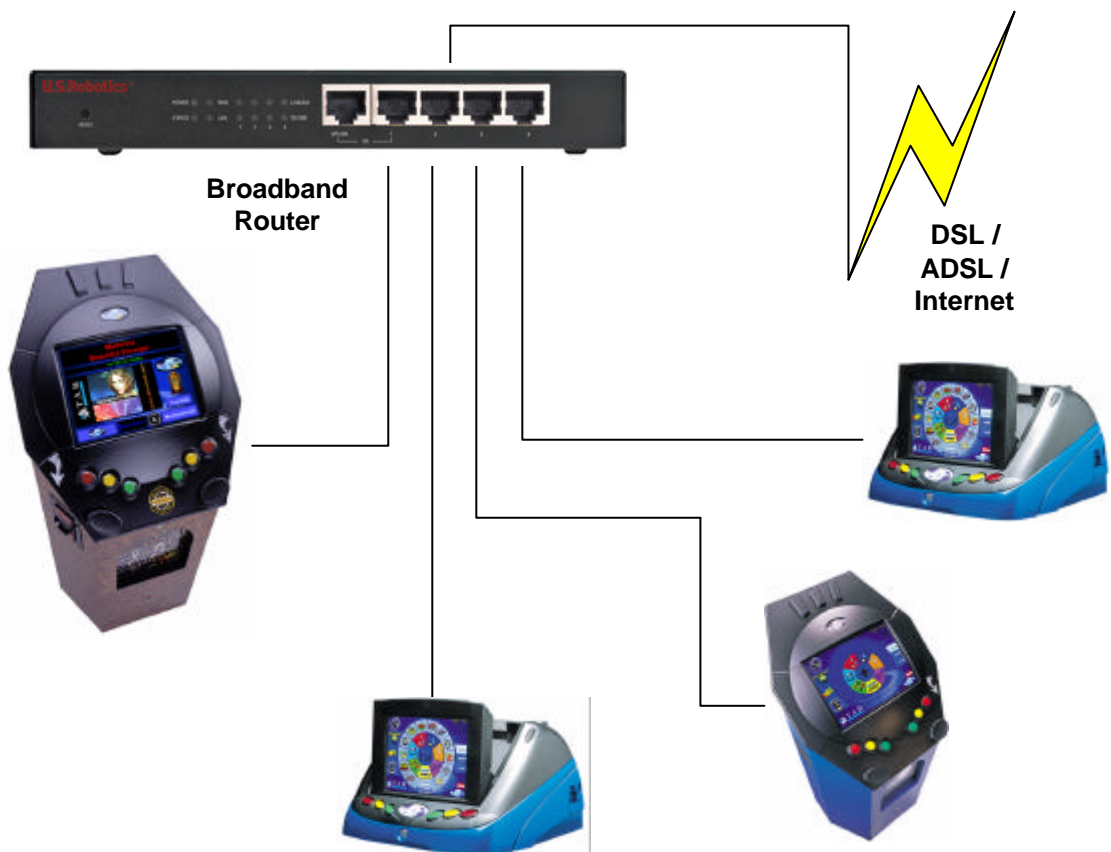
To do this, each device must be provided with a network interface card (Art. No. 831.800.060) and have the version 6.03-S7 or higher installed.

If you also wish to link up a Silverball Max and one or more Silverball Selection Terminals, the version 6.10 or higher must be installed in both devices.

If you wish to link up more than 4 Silverball devices, you have to use one or more Hubs additionally.

*) Some Internet service providers may have additional requirements, may not allow Internet sharing, and/or may charge additional service fees.

Several devices are linked up with an U.S.Robotics 8000 DSL Broadbandrouter and KAT-5 network cables:



Silverball settings:

Each of the devices has to be set to „Disable DNS“ and „Use DHCP“.
With these settings the IP addresses of all Silverball devices will be assigned automatically by the Router.

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:

Broadband Router Settings:

The Router can be directly configured from a Silverball device.
Please start the Internet browser and enter (after you have pressed the BROWSE button)
as address: 192.168.123.254
The following screen will appear:



U.S. Robotics Broadband Router (Model # USR8000, Version V1.23)

User's Main Menu

- Status

Enter System Password

Then Press the "Log in" button

Log in

System Status

Item	WAN Status	Note
IP Address	00000000.0000	PPTP
Subnet Mask	00000000.0000	
Gateway	00000000.0000	
Domain Name Server	00000000.0000, 00000000.0000	
Connection Time	00:01:12	

Item	Peripheral Status	Note
Dial-up Modem	Not ready	
Printer	Not ready	

Help Refresh Display time: Montag, 05. November 2001 20:45:45

Enter the Password **admin**, select DHCP Server and check the following settings:

U.S. Robotics Broadband Router (Model # USR8000, Version V1.23)

Administrator's Main Menu

- Status
- Toolbox
- Primary Setup
- DHCP Server
- Virtual Server
- Special Applications
- Access Control
- Miscellaneous Items

Log out

DHCP Server

Item	Setting
DHCP Server	<input type="radio"/> Disable <input checked="" type="radio"/> Enable
IP Pool Starting Address	100
IP Pool Ending Address	199
Domain Name	

Save Undo Clients List... Help

If you wish to connect more then 100 Silverball devices, you have to set the IP Pool Starting Address to 1. Press „Save“ to save your changes.



Select Primary Setup :

Item	Setting
▶ LAN IP Address	192.168.123.254
▶ WAN Type	PPTP <input type="button" value="Change..."/>
▶ My IP Address	000000000000
▶ My Subnet Mask	000000000000
▶ Server IP Address	000000000000
▶ PPTP Account	000000000000
▶ PPTP Password	
▶ Connection ID	(optional)
▶ Maximum Idle Time	300 seconds <input type="checkbox"/> Auto-reconnect

Select WAN Type:

PPTP for ADSL in Austria, PPPoE for DSL in most of the other countries.

In the next fields please enter the data of your Internet Service Provider.

After that press „Save“ to save your changes.

After restarting all devices (switch off and on again the Silverball devices and the router) the network is ready.



If you wish to operate a Silverball Max with Silverball Selection Terminals, you have to set on the Silverball Max an IP-address which is not in the range of „IP Pool Starting Address“ and „IP Pool Ending Address“ (see picture DHCP Server) as following:

Proxy / Auto Configuration Script	
<input type="checkbox"/> Enable Proxy	<input type="text"/> <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:	<input type="text" value="192.168.123.254"/> <input type="button" value="change"/>
DNS2:	<input type="text"/> <input type="button" value="change"/>
Network Info	
<input type="checkbox"/> Use DHCP	
IP Address:	<input type="text" value="192.168.123.200"/> <input type="button" value="change"/>
Subnet Mask:	<input type="text" value="255.255.255.0"/> <input type="button" value="change"/>
Gateway:	<input type="text" value="192.168.123.254"/> <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"/>	



The same IP-address you have to set on each Silverball Selection Terminal:

The screenshot shows a web-based configuration interface with the following sections:

- Proxy / Auto Configuration Script:**
 - Enable Proxy [text field] [change]
 - Enable Config Script [text field] [change]
- DNS:**
 - Disable DNS
 - Domain: [text field] [change]
 - DNS1: [text field] [change]
 - DNS2: [text field] [change]
- Network Info:**
 - Use DHCP
 - IP Address: [0.0.0.0] [change]
 - Subnet Mask: [0.0.0.0] [change]
 - Gateway: [0.0.0.0] [change]
- Silverball Max Terminal:**
 - Enable Max Terminal
 - SB-Max IP: [192.168.123.200] [change]

Buttons: [Apply], [Back]

Your Broadband Router is now correctly configured.

If you have any further queries, please feel free to use our hotline.

Call +43 / 72 29 / 78 0 40 - DW 250

