

Q: 5102_5102S Half-bridged mode Instruction.

For Half-bridge mode you need to do in the following:

- 1) Set your PC in **Local Area Connection Properties** → **Internet Protocol (TCP/IP) Properties** to **Obtain an IP address automatically**.
- 2) In Router, in LAN section, enable the DHCP Server

LAN - Setup	
DHCP	
DHCP	Server 
Client IP Pool Starting Address	192.168.1.1
Size of Client IP Pool	100
Primary DNS Server	0.0.0.0
Secondary DNS Server	0.0.0.0
Remote DHCP Server	N/A
TCP/IP	
IP Address	192.168.1.254
IP Subnet Mask	255.255.255.0
RIP Direction	None
RIP Version	N/A
Multicast	None
<input type="button" value="Apply"/> <input type="button" value="Reset"/>	

- 3) In Router, WAN section, **Half Bridge** and **Router** mode must be checked and then Apply this setting. Set up your Internet profile by filling out all necessary information and **Route** mode MUST be selected.

WAN - WAN List																																																																									
<input checked="" type="checkbox"/> Route																																																																									
<input type="checkbox"/> Bridge																																																																									
<input checked="" type="checkbox"/> Half Bridge																																																																									
<table border="1"><thead><tr><th></th><th>Name</th><th>Active</th><th>Mode</th><th>VPI</th><th>VCI</th><th>Encap</th><th>IP Address</th></tr></thead><tbody><tr><td>Profile 1</td><td>isp</td><td>Yes</td><td>Route</td><td>0</td><td>33</td><td>PPPoE</td><td>Dynamic</td></tr><tr><td>Profile 2</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>Profile 3</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>Profile 4</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>Profile 5</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>Profile 6</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>Profile 7</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>Profile 8</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td></tr></tbody></table>			Name	Active	Mode	VPI	VCI	Encap	IP Address	Profile 1	isp	Yes	Route	0	33	PPPoE	Dynamic	Profile 2	-	-	-	-	-	-	-	Profile 3	-	-	-	-	-	-	-	Profile 4	-	-	-	-	-	-	-	Profile 5	-	-	-	-	-	-	-	Profile 6	-	-	-	-	-	-	-	Profile 7	-	-	-	-	-	-	-	Profile 8	-	-	-	-	-	-	-
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<input type="button" value="Apply"/>																																																																									

4) In NAT, disable NAT

NAT - Mode	
Network Address Translation	
<input checked="" type="radio"/> None	
<input type="radio"/> Many to One	Edit Virtual Server
<input type="radio"/> Many to Many	Edit Address Mapping Rules
<input type="button" value="Apply"/>	

5) Open a Windows DOS, **Start / Run / type: cmd (Windows 2000 and XP) or command (Other Windows OS, i.e. 98 or NT)**, and type **ipconfig**. Your router will pass the WAN IP address to your PC.

6) You can now surf the Internet!