## Connecting to Xbox Live! Through a D-Link DSL-302G

Created By: Scott Howell Date: 07/11/03 16:21

In this guide we will go through all of the required steps in order for you to connect your Xbox to the internet for the Xbox Live! service.

First of all we need to make sure that the DSL-302G is connected to the internet. This can be checked by logging into the unit's web interface by going into a web browser (e.g. Internet Explorer) and entering the DSL-302G's IP address (10.1.1.1 Ethernet, 10.1.1.2 USB). This will then prompt you for the unit's username and password (admin/admin) which will take you to the Quick Configuration page shown below. This should indicate that you are connected in green text and also give you an IP address and Gateway.

<b>D-Link</b>							
Building Networks For People			<i>(</i> )				
🚔 D Link	Quick Configuration						
Quick Configuration	Use this page to quickly configure the system.						
System View ⊡ □ LAN	Refresh Rate: 3 Seconds 💌						
		Connection Type:	PPPoA VC-Mu	PPoA VC-Mux 💌			
E <u>Admin</u>		VPI:	8				
		VCI	35				
			РРР				
		Security Protocol:	CHAP	O PAP O CHAP dlink@iinet.net.au			
		Username	dlink@iinet.ne				
		Password:	•••••				
	Save	& Reboot D	elete Cano	tel			
	IP Address	Mask	Gateway	Connection Status			
	203.19.70.175	255.255.255.255	203.55.231.88	Connected Disconnect			

Copyright © 2002 D-Link, Inc. All rights reserved.

If the unit is not connected to the internet, please refer to the Quick Install Guide or the Manual on the provided CD with the DSL-302G.

Secondly, we will need to setup a port forwarding rule to allow the Xbox to connect to the internet. This is done by completing the below:

1. Go to "WAN" > "NAT", select "NAT Rule Entry"

🖹 DSL-302G Configuration Manager GUI - Microsoft Internet Explorer									
Eile Edit View Favorites Tools Help									
🌀 Back 🝷 📀 🕤 🗙	🗟 🏠 🔎 Search   https://www.search	rites 왕 Media 🔗 🔗 -	🎍 🖸 • 📴						
Address 🙆 http://10.1.1.2/hag	g/pages/home.ssi			🔽 🔁 Go 🛛 Links 🌺					
D-Link Building Networks For People	,								
🔄 D-Link	Netwo	rk Address Translation (	(NAT) Configuration	<u>^</u>					
Ouick Configuration     System View	21 Use this page to configure Network Address Translation, a security protocol in which the device translates the IP addresses of your LAN computers to new addresses before sending data out on the Internet.								
	NAT Options: NAT Global Info								
DSL Status	Enable MAT Rule Entry								
PPP	NAT Flobal Information								
EOA		TCP Idle Timeout(sec):	86400						
IPOA INAT		TCP Close Wait(sec):	60						
🕀 🧰 Bridging		TCP Def Timeout(sec):	60						
🗄 🧰 <u>Admin</u>		UDP Timeout(sec):	300						
		ICMP Timeout(sec):	5						
GRE Timeout(sec):     300       Default Nat Age(sec):     240									
								NAPT Port Start: 50000	
	NAPT Port End: 51023								
	Submit	Global Stats Cano	el Refresh Help	•					
🙆 Done				Internet					

2. Click on "Add"

DSL-302G Configuration	Manager GUI - Microsoft II	nternet Explorer					
<u>File E</u> dit <u>V</u> iew F <u>a</u> vorites	<u>T</u> ools <u>H</u> elp						
🕒 Back 🝷 🕥 🕤 💌	🗟 🏠 🔎 Search   📩	Favorites	a 🧭 🔗 🌺	Q · 📙			
Address 🕘 http://10.1.1.2/hag/	pages/home.ssi				💌 🄁 Go	Links »	
D-Link Building Networks For People							
🔄 D-Link	Netw	ork Address Tra	anslation (NAT) Ru	le Configuratio	n	-	
Quick Configuration     System View	Each row in the table lists a rule for translating addresses. See Help for instructions on creating NAT rules.						
E LAN		NAT Opti	ions: NAT Rule Entry	*			
DSL Status	Rule ID IF Name	Rule Flavor Pro	tocol Local IP From	Local IP To	Action		
DSL Mode	1 AH	ΝΑΡΤ ΑΝΥ	r n.n.n.n	255.255.255.255	💼 🔎 Stats		
	Add Refresh Help						
NAT							
Endging	Copyright © 2002 D-Link, Inc. All rights reserved.						
ど Done					🥑 Internet		

3. Enter the information as below (In this example, we are creating 2nd rule (Rule ID 2) for Xbox Live! which is running on 10.1.1.5 port 3074). Click "Submit".

🕙 NAT Rule - Add - Microsoft Intern	et Explorer		
			~
	NAT Rul	le - Add	
	nformation		
4	Rule Flavor:	RDR 💌	
	Rule ID:	2	
	IF Name:	ALL 💌	
	Protocol:	ANY 💌	
Local Add	tress From:	10 1 1 5	
Local I	Address To:	10 1 1 5	=
Global Add	tress From:	0 0 0 0	
Global I	Address To:	0 0 0 0	
Destination	Port From:	Any other port 💙 3074	
Destinati	ion Port To	Any other port 💌 3074	
	Local Port:	Any other port 💙 3074	
C	Submit C	ancel Help	
Copyrigh	it © 2002 D-Link	, Inc. All rights reserved.	~

4. Click "Close"

A NAT Rule - Add - Microsoft Internet Explorer	
NAT Rule Added Successfully	
Please click <b>here</b> to go back to the NAT Rule - Add page.	
Close	
Copyright © 2002 D-Link, Inc. All rights reserved.	
	~

5. Back to the webpage below, you should see the added rule ID 2 below.

🕙 DSL-302G Configurati	ion Manag	er GUI - N	licrosoft l	nternet Explo	rer				
<u>F</u> ile <u>E</u> dit ⊻iew F <u>a</u> vorite	s <u>T</u> ools	Help							
🌀 Back 🝷 💮 🕤 🔀	) 🖻 📢	🎽 🔎 Se	earch 🬟	Favorites 📢	Media 🣀	) 🔗 - 🌺	🖸 🔹 📴		
Address 🕘 http://10.1.1.2/h	nag/pages/hi	ome.ssi						💌 🄁 (	50 Links »
D-Link Building Networks For People									
🔄 D-Link	^		Netw	ork Address	s Transla	tion (NAT) Rul	le Configuratio	'n	<u>^</u>
Ouick Configuration     System View	Each	Each row in the table lists a rule for translating addresses. See Help for instructions on creating NAT rules.							
E E MAN				NAT	Options:	NAT Rule Entry	*		
DSL Status		Rule ID	IF Name	Rule Flavor	Protocol	Local IP From	Local IP To	Action	
DSL Mode		1	ALL	NAPT	ANY	0.0.0.0	255.255.255.255	📅 🔎 Stats	
<u>PPP</u> <u>EOA</u>	<	2	ALL	RDR	ANY	10.1.1.5	10.1.1.5	📅 🔎 Stats	>
IPOA									
NAT				Ad	ld Re	fresh Hel	р		
Bridging	~								~
é								🥑 Internet	.::

Now that we know that we are connected and the port forwarding rules are set up we can continue to the final step. This is where we will connect our Xbox to the ethernet port of the modem.

Once the cable is plugged into the DSL-302G, plug the other end of the cable into the Ethernet port on the back of the Xbox as shown below:



- 1. Now, make sure there is no game disc in the disc tray and turn on your Xbox console.
- 2. From the Xbox Dashboard, choose 'Settings and Network Settings'.
- 3. Select 'IP Addresses'. Change the configuration setting to **'Manual'**. Then enter the below settings:

IP Address: 10.1.1.5 Subnet Mask: 255.0.0.0 Gateway: 10.1.1.1

- Select DNS Servers and change the configuration setting to 'Manual'. Then enter the below settings: Primary: 10.1.1.1 Secondary: 0.0.0.0
- 5. Select 'Advanced' and ensure that both the Host Name and the MAC address boxes are blank.
- 6. Return to the Network Settings screen and select 'Connect'. This will connect you to Xbox Live.

Your settings will now be used to connect. The progress will be displayed on the Connect Status screen. If the last bullet point says "Connected to Xbox Live" - congratulations! You are connected to Xbox Live.

To create your Xbox Live account, or for more information about managing your account, see Signing up for Xbox Live! : <u>http://www.xbox.com/en-AU/live/start/connect/signup/</u>

 $\sim$  End of Document  $\sim$