DIR-xxx series router—How to setup Xbox live

In this guide we will go through all the required steps for Xbox live connection.

<u>Step 1.</u>

First of all, we need to make sure the DIR-xxx has internet connection and it has a public IP address on its WAN interface. Open an internet browser window, type http://192.168.0.1 in the address line and hit enter. The default username is 'admin' (without quote). Default password is blank (nothing).

🗿 D-LINK SYSTEMS, INC. WIRELESS ROUTER : Login - Microsoft Internet Explorer provided by D-Link Australia 📃 📕	
Elle Edit View Eavorites Tools Help	
Address 🙆 http://192.168.0.1 🕑 🔂 Go	•
Product Page: DIR-635 Hardware Version: A1 Firmwar	e Versiol 🔷
D-Link	=
LOGIN	
Log in to the router:	
Øser Name : Admin 💌	
Rassword : Log In	
WIRELESS	
Copyright © 2004-2006 D-Link Systems, Inc.	~
Done	

Click 'STATUS' tab on the top.

DIR-635	SETUP	ADVANCED	TOOLS	STATUS
DEVICE INFO	DEVICE INFORMATIO	N		
LOGS				
STATISTICS	All of your Internet and netwo displayed here.	ork connection details are dis	splayed on this page. The fi	rmware version is also
ACTIVE SESSIONS				
WIRELESS	GENERAL			
	T Firmware Ver	Fime : Saturday, 31 Janua sion : 1.04 , 2006/05/14	ary 2004 2:35:20 PM 4	
	WAN			
	Connection 1	fype: Static IP		
	Cable St	atus: Connected		
	Network St	atus : Established		
	Connection Up 1	Fime: 0 day(s), 0:21:22	Please make sur	e the IP Address is
	MAC Add	ress: 00:15:E9:F6:5A:F1	NOT in the below	ranges.
	IP Add	ress: 202.100.100.200	10. x. x. x	
	Subnet M	1ask: 255.255.255.0	172.16.x.x 172	31.x.x
	Default Gate	way: 192.168.10.254	192.168.x.x	
	Primary DNS Se	rver: 192.168.0.243		
	Secondary DNS Se	rver: 0.0.0.0		

Under 'WAN' section, you can see the WAN IP address of the DIR-router. Please kindly make sure this address is **NOT** in the below ranges.

10.1.1.0 --10.255.255.255 172.16.0.0 - 172.31.255.255 192.168.0.0.-192.168.255.255

If the IP is **NOT** in the above ranges, please go to **Step 2**. If the IP is in the above ranges, please set the modem to full bridge mode first.

If you have a D-Link modem such as DSL-502T, please kindly see **appendix A** for how to configure bridge mode. If your modem is not D-Link, please kindly contact your Internet service provider or the vendor of the modem and ask them show you how to set it to full bridge mode.

Then you need to go back to the web interface of the DIR router (<u>http://192.168.0.1</u>) and go to [Setup] -> [Internet] -> [Manual Internet configuration] page. Please select **PPPoE** as your internet connection. Please enter your internet username/password and select the 'Reconnect mode' as 'Always' on. Please click 'Save settings' button when you finish.



DIR-635	SETUP	ADVANCED	TOOLS	STATUS			
INTERNET	WAN						
WIRELESS SETTINGS	Use this section to c	configure your Internet Co	nnection type. There are s	everal connection			
NETWORK SETTINGS	types to choose from your connection met	m: Static IP, DHCP, PPPoE, thod, please contact your	PPTP, L2TP, and BigPond Internet Service Provider.	. If you are unsure of			
(Note : If using the PPPoE option, you will need to remove or disable any PPPoE client software on your computers. Save Settings Don't Save Settings						
	INTERNET CONNECTION TYPE						
	Choose the mode to be used by the router to connect to the Internet.						
	My Internet Connection is : PPPoE (Username / Password)						
	PPPOE INTERNET CONNECTION TYPE :						
	Enter the information provided by your Internet Service Provider (ISP).						
	Addr	ress Mode: 💿 Dynami	c IP 🔘 Static IP				
	IP Address : 0.0.0.0						
		Username :					
		Password :					
	Verify	Password :					
	Ser	vice Name :	(optio	nal)			
	Reconn	ect Mode : 🔘 Always	on 💿 On demand 🔘 I	Manual			



Step 2

Config a static IP address on your Xbox 360.

Turn on your 360 and go to the dashboard. Once you are at the dashboard, go over to the "System" Blade and select "Network Settings".

	System	
	Console Settings	Connect your o
ga	🗞 Family Settings	Live. Set up wi
dia	S Memory	network conne
ů.	Network Settings	test network se
	Computers	
	🛓 Initial Setup	

Under the "Network" Blade, we need to select "Edit Settings".





You will now be presented with the basic network settings for your 360. From here, you need to highlight the first section labeled "IP Settings" and select it.

Edit Settings	
Basic Settings	Adu
IP Settings IP Address Subnet Mask Gateway	
DNS Settings Primary DNS Server Secondary DNS Server	
Wireless Mode Network Name (SSID)	

From this screen, choose "Manual".

Edit IP Settings	
Automatic	Current Setting
Manual	Manual
	Manually assign your console.



Please use the IP address settings as below

- IP Address : 192.168.0.188
- Subnet Mask : 255.255.255.0
- Gateway : 192.168.0.1.

After you've entered all the settings, select done, and we'll move on to the DNS settings. After selecting done, you'll be brought back to the basic settings menu. From here, you need to highlight the "DNS Settings" section and select it. Please use the settings below.

Primary DNS server: 192.168.0.1 Secondary DNS server: 4.2.2.2

Select "done" when you finish.

Edit Settings	
Basic Settings	Additional Settings
IP Settings IP Address Subnet Mask Gateway	Manual 192.168.0.199 255.255.255.0 192.168.0.1
DNS Settings Primary DNS Server Secondary DNS Server	Manual 192.168.0.1 0.0.0.0
Wireless Mode Network Name (SSID) Network Type Wireless Security	Not set Not set Not set Not set
Network:	Link • Act •
×	Back 📵 Select 🔊



<u>Step 3</u>

Click [Advanced] -> [Port Forwarding] and add two port forwarding rules. The first rule opens both TCP and UDP port 3074 for your Xbox (192.168.0.188). The second rule opens UDP port 88. Click 'Save settings' button when you finish.

DIR-655	SETUP	ADVANCED	TOOLS	STATUS				
VIRTUAL SERVER	PORT FORWARDIN	G						
PORT FORWARDING	This option is used to	open multiple ports or a ra	ange of ports in your rou:	ter and redirect data				
APPLICATION RULES	through those ports to a single PC on your network. This feature allows you to enter ports in various formats including, Port Ranges (100-150), Individual Ports (80, 68, 888), or Mixed							
QOS ENGINE	(1020-5000, 689).							
NETWORK FILTER	Save Settings Don't Save Settings							
ACCESS CONTROL								
WEBSITE FILTER	24 PORTFORW	ter the IP address of						
INBOUND FILTER	You	ur Xbox	Ports to Op	en				
FIREWALL SETTINGS	Name Xboxlive1		me 3074					
ROUTING			UDP	Inbound Filter				
ADVANCED WIRELESS	192.168.0.188	Computer Nam	ie 💉 3074	Allow All 💌				
WISH			TCP	Schedule				
WI-FI PROTECTED SETUP	IP Address 192.168.0.188	Computer Nam	me Y UDP 1e Y 88	Inbound Filter Allow All				



Appendix A

Open a new internet browser window and enter the IP address of the router (http://10.1.1.1). Enter user name and password (default username "admin" and password is "admin").

🗿 ht	tp://1	0.1.1	.1/ - Micro	soft In	iternet Exp	orer provided by D-Link Australia
Eile	Edit	⊻iew	Favorites	Tools	Help	
Addre	ss 🙋	http://	10.1.1.1/			
				ľ	Connect to 1	0.1.1.1
					5	A Providence
					II 7	
					DSL-G604T Ad	min Login
					User name:	😰 admin
					Password:	•••••
						Remember my password
						OK Cancel



Click 'WAN' button on the left and choose '1483 Bridged IP LLC' as the connection type. Click 'Apply' button on the bottom after you change the settings.

PVC Pvc0 ♥ VPI 8 VCI 35 Virtual Circuit Enabled ♥ WAN Setting Dynamic IP Address ♥ Dynamic IP Address 0:19:5B:1A:S0:E9 Cioned MAC Address 00:19:5B:1A:S0:E9 Cioned MAC Address 0:19:5B:1A:S0:E9 Cioned MAC Address Cione MAC Address MTU 1400 bytes NAT Enabled ♥ Firewall Enabled ♥
PVC PvcQ v VFI 8 VCI 35 Virtual Circuit Enabled v WAN Setting Dynamic IP Address v Dynamic IP 1483 Bridged IP LLC v Connection Type 1483 Bridged IP LLC v Cloned MAC Address D0:19:5B:1A:50:E9 Cloned MAC Address Clone MAC Address MTU 1400 bytes NAT Enabled v Firewall Enabled v
VPI 8 VCI 35 Virtual Circuit Enabled Image: Circuit WAN Setting Dynamic IP Address Image: Circuit Dynamic IP 1483 Bridged IP LLC Image: Circuit Circuit Image: Circuit Ima
VCI 35 Virtual Circuit Enabled WAN Setting Dynamic IP Address Dynamic IP Connection Type 1483 Bridged IP LLC Cioned MAC Address 00:19:5B:1A:50:E9 Cloned MAC Address Clone MAC Address Cloned MAC Address Clone MAC Address MTU 1400 bytes NAT Enabled Firewall Enabled
Virtual Circuit Enabled WAN Setting Dynamic IP Address Dynamic IP Connection Type Cloned MAC Address Cloned MAC Address Cloned MAC Address Clone MAC Address Firewall
WAN Setting Dynamic IP Address Dynamic IP Connection Type Cloned MAC Address Cloned MAC Address Cloned MAC Address Clone MAC Address Clone MAC Address Firewall Enabled Enabled Enable PPTP
Dynamic IP Connection Type Cloned MAC Address Cloned MAC Address Cloned MAC Address Clone MAC Address MTU 1400 bytes NAT Enabled Firewall Enabled
Connection Type 1483 Bridged IP LLC Cloned MAC Address Cloned MAC Address Clone MAC Address Clone MAC Address MTU 1400 bytes NAT Enabled Firewall Enabled Firewall Enabled
Cloned MAC Address 00.19.5B.1A.5C.E9 Cloned MAC Address Clone MAC Address MTU 1400 bytes NAT Enabled V Firewall Enabled V
Cloned MAC Address Clone MAC Address MTU 1400 bytes NAT Enabled Firewall Enabled
NAT Enabled V Firewall Enabled V
NAT Enabled Firewall Enabled Finable PPTP
Firewall Enabled
Enable PPTP
Server IP/Name 172.18.214.1
Route Target 172.18.214.0
Route Mask 255.255.255.0
PPTP Account usemame
PPTP Password
MPPE Encryption Disable



Now we need to save the settings.

To do that, go to [Tools] -> [System] page and click 'Save and reboot' button.

	Home	Advanced	Tools	Status	Help
Admin	System Sett	tings em settings can be saved	as a file onto the loc	cal hard drive.	
Time Remote Log	Save Settings Save Load Settings	To Local Hard Drive From Local Hard Driv	e rowse		
System	Load Note: The system	n has to be restarted afte	r the configuration is	restored.	
Miscellaneous	Save Settings	and Reboot the Syste	m.		

