

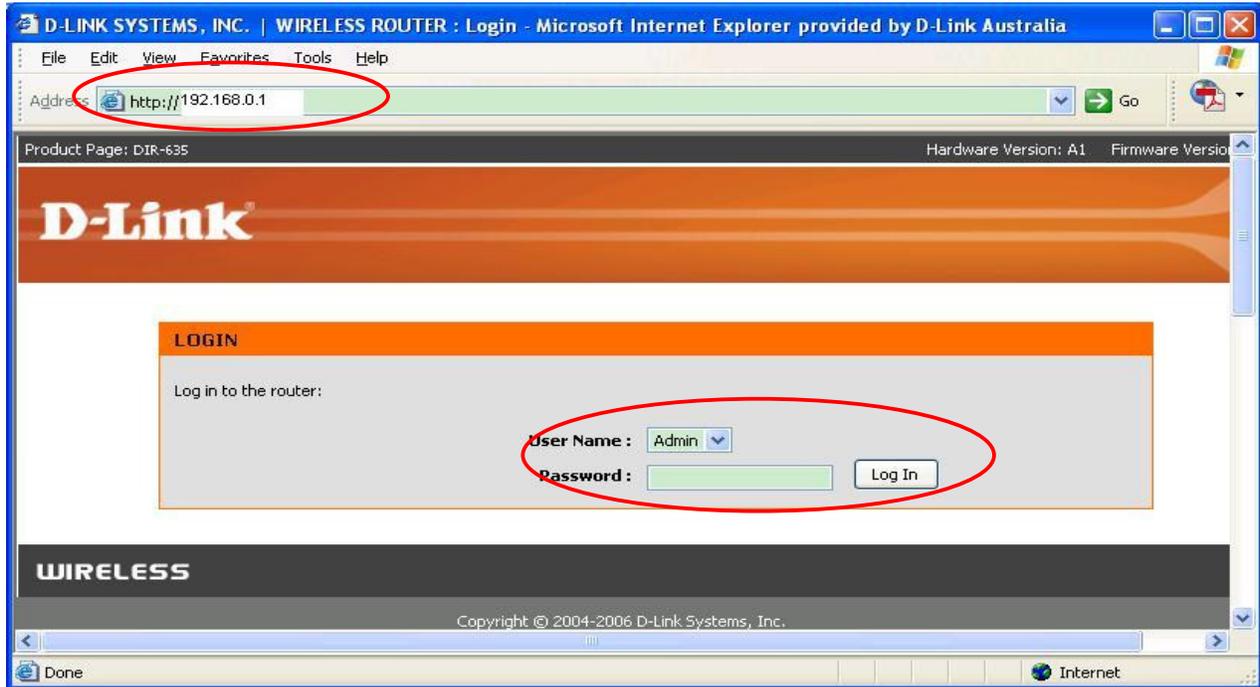
DIR-xxx series router—How to setup Xbox live

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

Step 1.

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).



Click 'STATUS' tab on the top.

The screenshot shows the DIR-635 router web interface. At the top, there are navigation tabs: SETUP, ADVANCED, TOOLS, and STATUS. The STATUS tab is highlighted with a red circle. Below the tabs is a sidebar with menu items: DEVICE INFO, LOGS, STATISTICS, ACTIVE SESSIONS, and WIRELESS. The main content area is titled 'DEVICE INFORMATION' and contains a 'GENERAL' section with the following details:

- Time: Saturday, 31 January 2004 2:35:20 PM
- Firmware Version: 1.04, 2006/05/14

Below the 'GENERAL' section is the 'WAN' section, which is also circled in red. It displays the following configuration:

- Connection Type: Static IP
- Cable Status: Connected
- Network Status: Established
- Connection Up Time: 0 day(s), 0:21:22
- MAC Address: 00:15:E9:F6:5A:F1
- IP Address: 202.100.100.200 (highlighted with a red box)
- Subnet Mask: 255.255.255.0
- Default Gateway: 192.168.10.254
- Primary DNS Server: 192.168.0.243
- Secondary DNS Server: 0.0.0.0

To the right of the WAN configuration, there is a red warning message: "Please make sure the IP Address is NOT in the below ranges." followed by three ranges: 10.x.x.x, 172.16.x.x -- 172.31.x.x, and 192.168.x.x.

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 (<http://192.168.0.1>) 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.

INTERNET

WIRELESS SETTINGS

NETWORK SETTINGS

WAN

Use this section to configure your Internet Connection type. There are several connection types to choose from: Static IP, DHCP, PPPoE, PPTP, L2TP, and BigPond. If you are unsure of your connection method, please contact your Internet Service Provider.

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).

Address Mode : Dynamic IP Static IP

IP Address : 0.0.0.0

Username :

Password : ●●●●

Verify Password : ●●●●

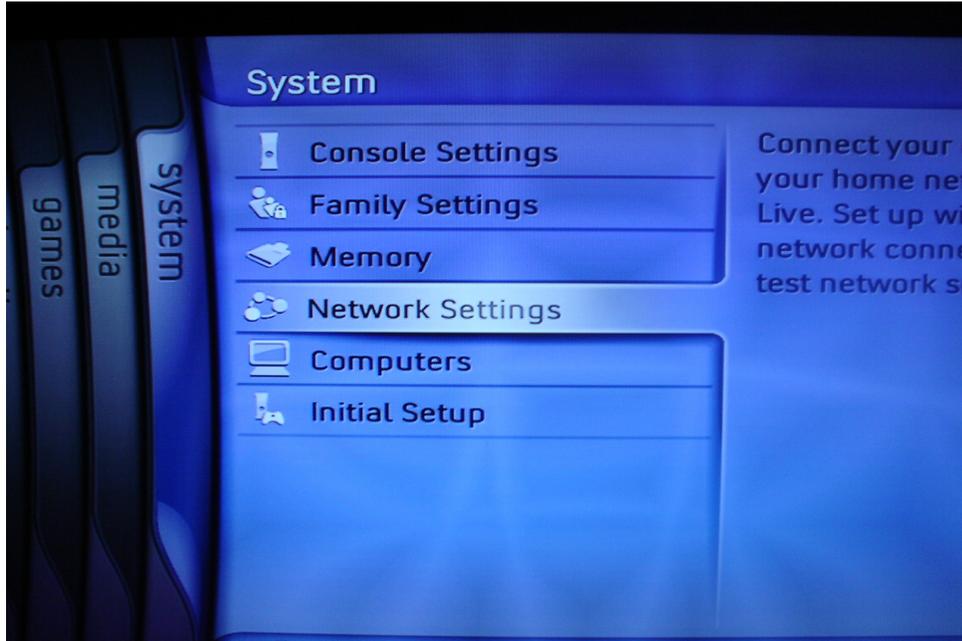
Service Name : (optional)

Reconnect Mode : Always on On demand Manual

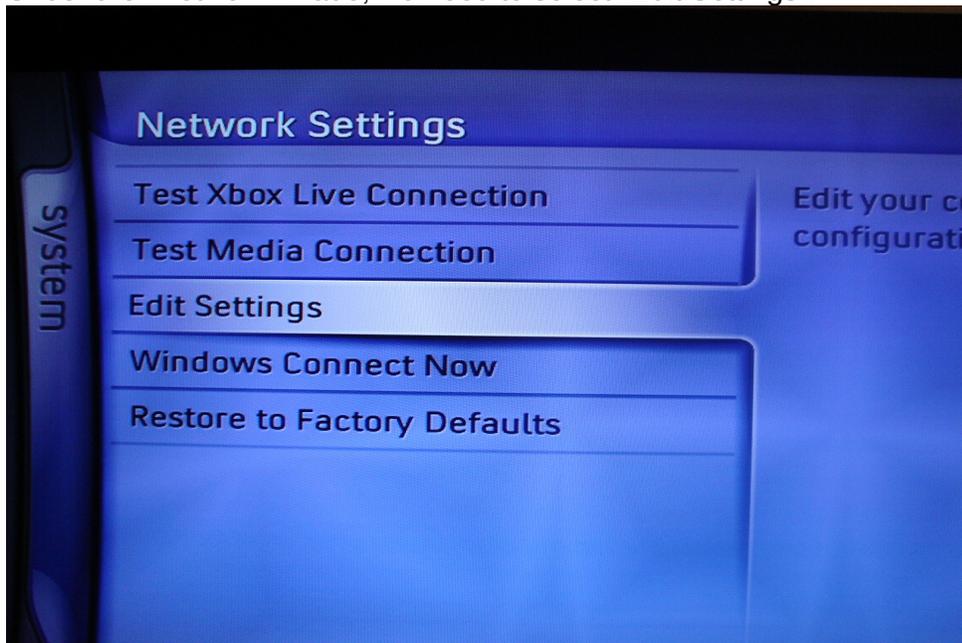
Step 2

Config a static IP address on your Xbox 360.

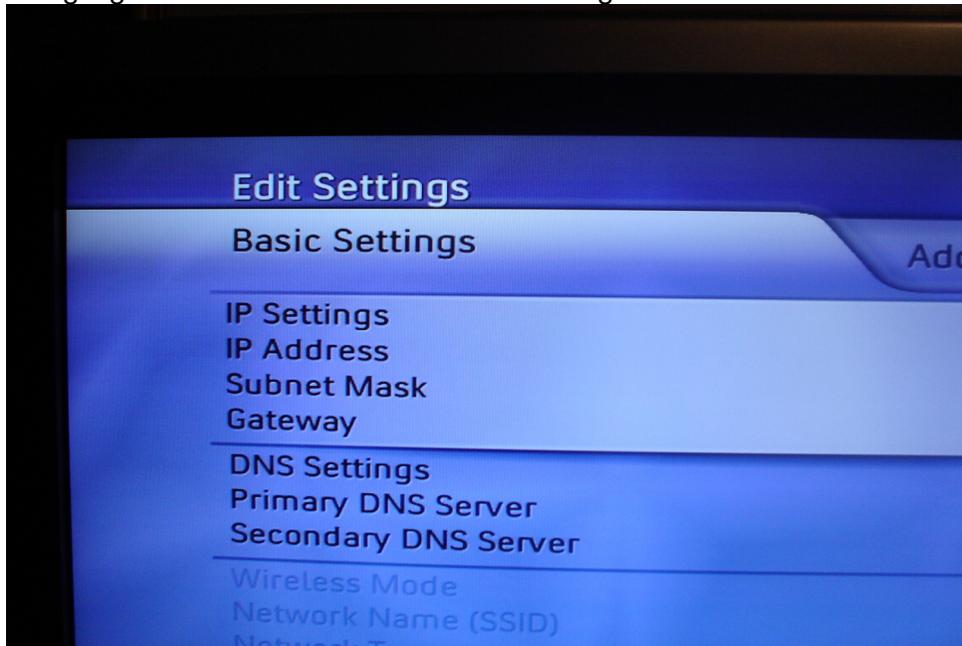
Turn on your 360 and go to the dashboard. Once you are at the dashboard, go over to the "System" Blade and select "Network Settings".



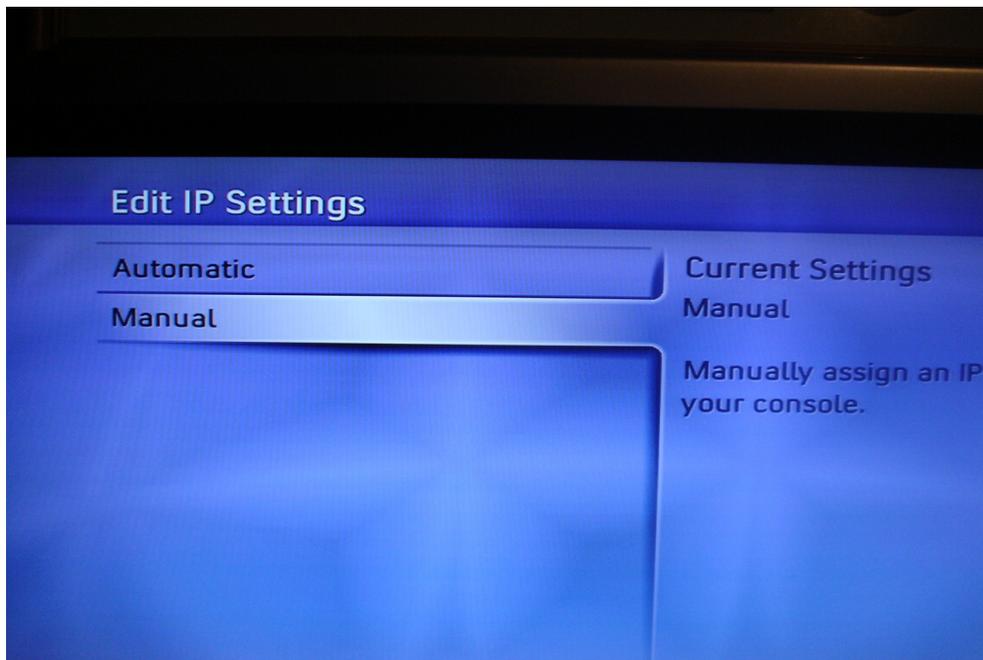
Under the "Network" Blade, we need to select "Edit Settings".



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.



From this screen, choose "Manual".



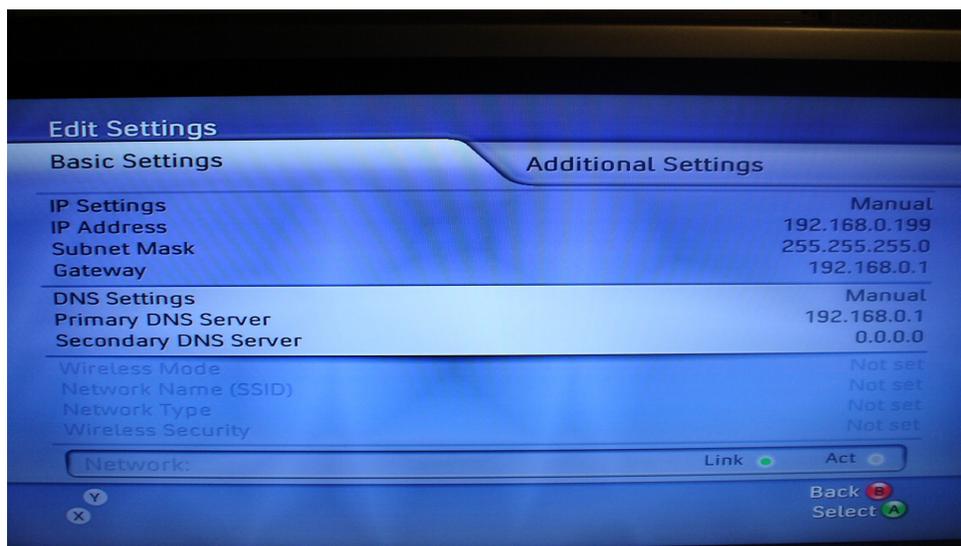
Please use the IP address settings as below

- 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.



Step 3

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 FORWARDING

This option is used to open multiple ports or a range of ports in your router and redirect data 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 (1020-5000, 689).

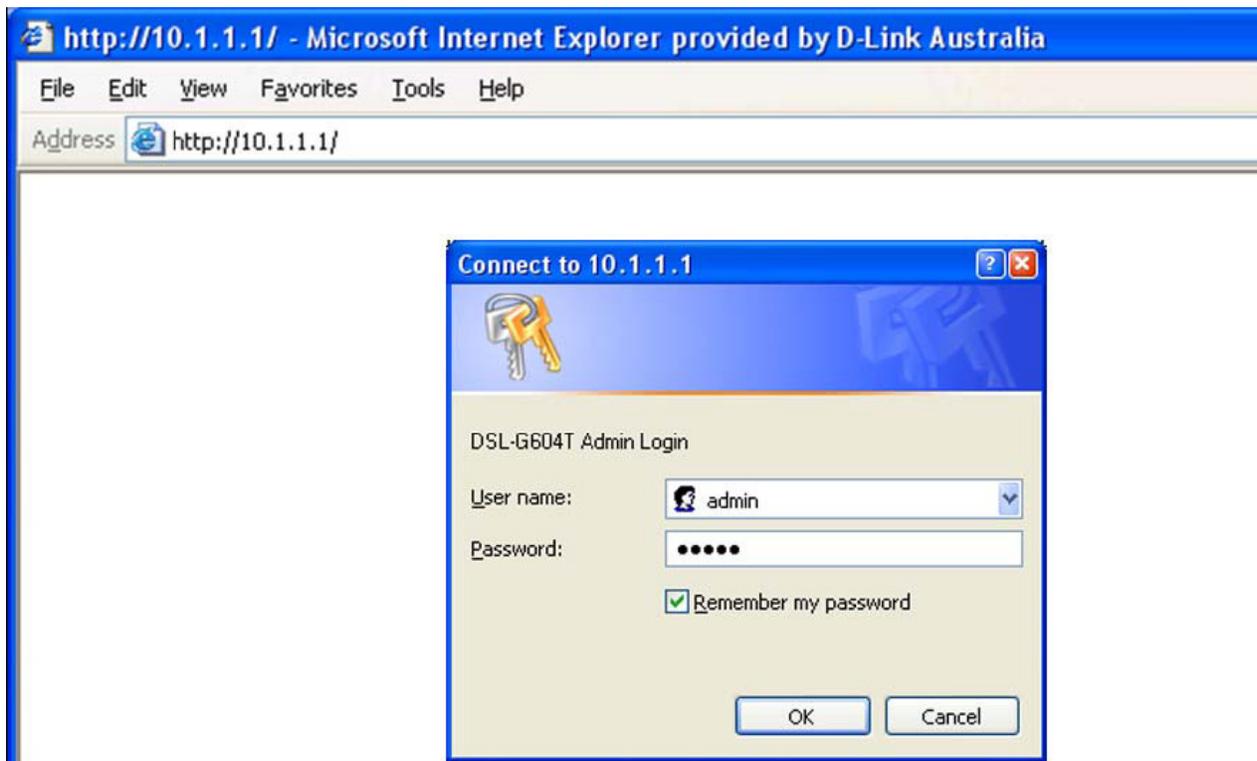
Save Settings Don't Save Settings

24 -- PORT FORWARDING RULES

	Name	IP Address	Ports to Open	Schedule	Inbound Filter
<input checked="" type="checkbox"/>	Xboxlive1	192.168.0.188	TCP: 3074 UDP: 3074	Always	Allow All
<input checked="" type="checkbox"/>	Xboxlive2	192.168.0.188	UDP: 88	Always	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”).



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.

The screenshot shows the configuration interface for a D-Link DSL-502T ADSL Router. The left sidebar contains navigation buttons: Wizard, WAN (circled in red), LAN, DHCP, DNS, Dynamic DNS, and Logout. The main content area is titled 'DSL-502T ADSL Router' and has tabs for Home, Advanced, Tools, Status, and Help. The 'Advanced' tab is selected, showing the 'ATM VC Setting' and 'Dynamic IP' sections. In the 'Dynamic IP' section, the 'Connection Type' dropdown is set to '1483 Bridged IP LLC' (circled in red). Other settings include VPI (8), VCI (35), WAN Setting (Dynamic IP Address), Cloned MAC Address (00:19:5B:1A:50:E9), MTU (1400 bytes), NAT (Enabled), Firewall (Enabled), and PPTP options. At the bottom right, the 'Apply' button (circled in red) is highlighted, along with 'Cancel' and 'Help' buttons.

Now we need to save the settings.

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

