



Port Forwarding Guide



This document will detail how to configure Port Forwarding on the following models DSL-2730B Revision T1 Firmware AU_2.00 DSL-2740B Revision F1 Firmware AU_2.00 DSL-2750B Revision B1 Firmware AU_2.00

NOTE:

It is recommended that your PC is configured with a Static IP when using Port Forwarding. See **page 6** - how to configure Windows 7 with a static IP.

- 1. Log in to the modem with the computer connected to the modem via Ethernet.
 - URL: <u>http://192.168.1.1</u> (default)
 - Username: admin
 - Password: admin (default)

A 10 MARY CONTRACTOR (CONTRACTOR)	
← ② @ http://192168.11/login.html P ~ B C × Ø ADSL Router ×	6 🕁 🏟
Product Page: DSL-2730B Firmware Version: AU_2.00	^
D-Link	
LOGIN	
Wekome to DSL-2730B Web Management	
Username: admin 🔻	
Password : •••••	
Remember my login info.	
Login	
WIRELESS	
Copyright © 2008-2011 D-Link Systems, Inc.	
	-
	3:42 PM

2. Select the **ADVANCED** button in the top menu.

The Association Party in the Association of the Ass	and the second second				
Attp://192.168.1.1/index.htm	nl	×5⊠ + Q	🖉 D-Link ADSL Router	×	6
Product Page: DSL-2730	B			▶ <u>Site Map</u>	Firmware Version: AU_2.00
D-Lin1	1 -*				
	<u>~</u>				
			-		
DSL-2730B	SETUP	ADVANCED	MAINTENANCE	STATUS	HELP
Wireless Settings	WIRELESS SETTIN	GS WIRELESS BAS	ICS		
Port Forwarding	Configure your wireless	basic sottings			
Port Triggering	Configure your wireless	basic settings.			
DMZ			Wireless Basics		
Parental Control					
Filtering Options	ADVANCED WIREL	ESS ADVANCED SE	TTINGS		
DNS	Allows you to configure	advanced features of the w	ireless LAN interface.		
Dynamic DNS		Г	Advented Cattle as		
Multicast			Advanced Settings		
Network Tools					
Routing	ADVANCED WIREL	ESS MAC FILTERIN	NG		
Schedules	Allows you to configure	wireless firewall by denying	g or allowing designated M	AC addresses.	
Logout			MAC Filtering		

3. Select **PORT FORWARDING** in the left menu.

AND DOUGHNESS	×ە⊴ - Q	🖉 D-Link ADSL Router	×	
			Site Map	Firmware Version: AU_2.0
ć				
SETUP	ADVANCED	MAINTENANCE	STATUS	HELP
WIRELESS SETTIN	GS WIRELES <u>S BAS</u>	SICS		
Configure your wireless	hasic settings			
Configure your wireless i	basic settings.			
		Wireless Basics		
ADVANCED WIREL	ESS ADVANCED SI	TTINGS		
Allows you to configure	advanced features of the w	ireless LAN interface.		
	Г	Advanced Cottings		
		Auvanced Settings		
ADVANCED WIDEL				
WIRELI	ESS MAC FILTERI			
Allows you to configure	wireless firewall by denyin	g or allowing designated	MAC addresses.	
		MAC Filtering		
	SETUP SETUP WIRELESS SETTIN Configure your wireless ADVANCED WIREL Allows you to configure ADVANCED WIREL Allows you to configure	SETUP ADVANCED WIRELESS SETTINGS WIRELESS BAS Configure your wireless basic settings. ADVANCED WIRELESS ADVANCED SE Allows you to configure advanced features of the w ADVANCED WIRELESS MAC FILTERING Allows you to configure wireless firewall by denying	P - BCX D-Link ADSL Router SETUP ADVANCED MAINTENANCE WIRELESS SETTINGS WIRELESS BASICS Configure your wireless basic settings. Wireless Basics ADVANCED WIRELESS ADVANCED SETTINGS Allows you to configure advanced features of the wireless LAN interface. Advanced Settings ADVANCED WIRELESS MAC FILTERING Allows you to configure wireless firewall by denying or allowing designated MAC Filtering	Preck SEt Map SETUP ADVANCED MAINTENANCE SETUP ADVANCED SETUP ADVANCED SETUP ADVANCED WIRELESS SETTINGS WIRELESS BASICS ADVANCED WIRELESS ADVANCED SETTINGS Allows you to configure advanced features of the wireless LAN interface. Advanced Settings ADVANCED WIRELESS MAC FILTERING ADVANCED WIRELESE

4. Click **ADD** to create a new port forwarding rule. In this guide, a rule for Remote Desktop is created.

Product Page	DSL-2730B		D-Link ADSL Router	× Site Map	Firmware Version: AU_2.00	
DSL-2730B	SETUP	ADVANCED	MAINTENANCE	STATUS	HELP	
Wireless Setti Port Forwardin Port Triggering DMZ Parental Contr Filtering Option DNS Dynamic DNS Multicost	PORT FORWARD) Pot Forwarding alows external port) to the ext required only if the ext server on the LAN side Select the service nam this service to the spe same as "External For "External Port End" PORT FORWARD)	vou to direct incoming traf themal server with a private ternal port needs to be con e. A maximum of 32 entrie ne, and enter the server IP cified server. NOTE: The " Port End" normally and v if either one is modified ING SETUP	fic from the WAN side (ide IP address on the LAN si verted to a different port s can be configured. address and cick "Apply" Internal Port End" can vill be the same as the 1.	ntified by protocol and de. The internal port is number used by the to forward IP packets for not be changed. It is the "Internal Port Start" or	Helpful Hints Check the Application Name drop down menu for a list of predefined applications. If you do not see your application listed you can still define a new rule. Select a schedule for when the rule will be enabled. If you do not see the schedule you need in the list of schedules, go to the Advanced -> Schedules screen and create a new	E
Network Tools Routing Schedules Logout	Server Pr Name Star	ernal Interna ort Protocol Port t End Start Er	al Server IP IP Address Interface	Lan Schedule Loopback Rule	schedule. More	

5. The DSL-2730B allows you to select a preset rule or create a manual rule. -Select a Service: these are presets included in the unit's configuration.

-Server Name: this option allows you to create a manual port forward rule if no preset for your service exists e.g. Remote Desktop

and the second s	A Sharest Mark								
C Mttp://192.168.1.1/index.html				Q + B	σ×	🙆 D-Link ADSL Router	×		6 🕁 😳
					Add				^
	PORT FORWARI	DING	SETUP						
	Remaining numbe	r of en	tries that	can be c	onfig	ured: 32			
	Use Interface	:	pppoe_0_8_	_35/ppp0	•				
	 Select a Service 	•	(Click to Sel	ect)			•		
	Custom Serve	er :							
	Server IP Addr	ess :	192.168.1	View Avi	ailable s	schedules			
	External Port Start	Exte	rnal Port End	Proto	col	Internal Port Start	Internal Port End	L Looj	
				тср	•			E	E
				TCP	•			Ē	
				тср	•			Ē	
				ТСР	•			Ē	
				ТСР	-			[
				TCP	•			E	
				TCP	•		_	Ē	
				TCP	•			Ē	
				TCP	+			[÷

- 6. Select the **Server Name** option to create your own rule.
- 7. Enter a name for the **Server Name** e.g. RDP-MyPC used in this example (RDP = Remote Desktop).

A ttp://192.168.1.1/index.html		× ۵ ₪ + ۹	D-Link ADSL Ro	uter ×	1	- □ - ×
Remaining nu Use Inter Select a Service Custom S Server IP	mber of entries that face : pppoe_0 : (Clck to S erver : RDP-MyP chedule : Always ~ Vddress : 192.168.	t can be config 8_35/ppp0 v ielect) C <u>View Available</u> 1.3	gured: 32	*		
External Po Start	rt External Port End	Protocol	Internal Port Start	Internal Port End	L	
3389	3389	тср 👻	3389	3389	1	
		TCP -			E	
		тср 👻			E	
		тср 👻			E	
		тср 👻			Ε	
		тср 👻			E	
		тср 👻			E	
		TCP 👻			E	E
		тср 👻			E	
		тср 👻			E	
		тср 💌			E	
		TCP 👻			Ε.	
<		III			۱.	
		Apply	Cancel			

- 8. If you would like the rule to always be active, leave the **Schedule** as **ALWAYS**. You may also create a schedule by clicking *'View Available Schedules'*
- 9. Enter the IP Address of the system running the Remote Desktop service. The system in this configuration was set with a Static IP **192.168.1.3**

-External Port Start: -External Port End: -Protocol: **TCP** -Internet Port Start:

NOTE:

If you have multiple PC's you wish to enable a service such as Remote Desktop on, you will need to create a different External Port Start and End for each PC e.g.

-PC 1: 3389 (standard) -PC2: 3390 -PC3: 3391

10. Click **APPLY** to save and activate the rule created.

-To check whether the port is successfully forwarded, go to <u>www.canyouseeme.org</u> and enter the 'external port' used in your port forwarding rule and click Submit. It will return with a *Success* or *Error* message.

How to configure Windows 7 with a static IP Address.

- 1. Click the 'Network' icon in the windows task tray.
- 2. Select Open Network and Sharing Center



3. Select Change Adapter Settings from the left menu panel.



4. Right Click the icon of the adapter which you are using to access the Internet e.g. Local Area Connection (Wired) or Wireless Network Connection (Wireless) and select Properties.



5. Select Internet Protocol Version 4 (TCP/IPv4) and click the Properties button.

🕌 Local Area Connection 1 Properties				
Networking				
Connect using:				
Marvell Yukon 88E8053 PCI-E Gigabit Ethemet Controller				
Configure				
This connection uses the following items:				
Image: Client for Microsoft Networks Image: Client for Microsof				
Description Transmission Control Protocol/Internet Protocol. The default wide area network protocol that provides communication across diverse interconnected networks. OK Cancel				

- 6. Select the radio button beside Use the following IP address:
 - -Enter the static IP you wish to assign your PC. It will need to be in range of your router LAN subnet e.g. **192.168.1**.x
 - -In this example, the modem LAN IP is 192.168.1.1 and therefore 192.168.1.3 is used for this particular PC's IP Address
 - -Subnet mask: automatically filled for the user
 - -Default Gateway: 192.168.1.1 (modem IP address)
 - -DNS Servers: in this example the modem is used as the Primary DNS server (192.168.1.1). However this can be assigned with your ISP's DNS or alternative DNS servers.

Internet Protocol Version 4 (TCP/IPv4) Properties						
General						
You can get IP settings assigned auto this capability. Otherwise, you need t for the appropriate IP settings.	matically if your network supports o ask your network administrator					
 Obtain an IP address automatication Use the following IP address: 	ally					
IP address:	192.168.1.3					
S <u>u</u> bnet mask:	255 . 255 . 255 . 0					
Default gateway:	192.168.1.1					
 Obtain DNS server address auto Use the following DNS server address 	matically dresses:					
Preferred DNS server:	192.168.1.1					
Alternate DNS server:						
Validate settings upon exit	Ad <u>v</u> anced					
	OK Cancel					

7. Click OK to save and activate the changes, followed by OK or CLOSE on the window following.