

A large, light gray watermark of the D-link logo is positioned diagonally across the page, starting from the top right and extending towards the bottom left. The logo consists of a stylized 'D' with a vertical bar through it, forming a shape similar to a speech bubble or a stylized 'D' with a tail.

**D-Link<sup>®</sup>**

DUAL-BAND 11AC ADSL2+/VDSL2  
FOUR PORT WIRELESS ROUTER  
DSL-2877AL

**QUICK  
INSTALLATION  
GUIDE**

# CONTENTS OF PACKAGING



**DUAL-BAND 11AC ADSL2+/VDSL2 FOUR PORT  
WIRELESS ROUTER**  
DSL-2877AL



**POWER ADAPTER**



**CAT5 ETHERNET CABLE**



**RJ-11 PHONE CABLE**



**XDSL SPLITTER**

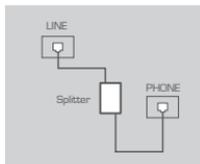


If any of these items are missing from your packaging, contact your reseller.

## SYSTEM REQUIREMENTS

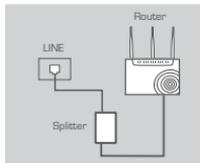
- An activated ADSL/VDSL2 telephone line or Ethernet WAN connection and an account with an Internet service provider
- Supported Browsers: Internet Explorer 7 or higher, Safari 5 or higher, Chrome, or Firefox

# PRODUCT SETUP



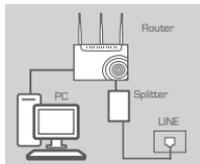
## Step 1:

Connect your existing phone cable from the telephone outlet to the LINE port on the splitter and your telephone handset into the PHONE port.



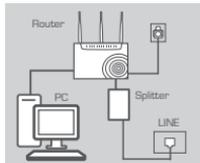
## Step 2:

Connect the phone cable from the DSL port on the splitter to the DSL port of the modem router.



## Step 3:

Connect the Ethernet cable from the LAN port of the modem router to the Ethernet port on your computer.



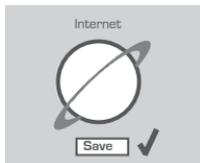
## Step 4:

Plug the power adapter into your modem router and connect to an available power outlet.



## Step 5:

After the modem router has powered up, verify that the Power and ADSL LEDs are both lit.



## Step 6:

The device is now ready to be configured.

# CONFIGURATION

There are two options to configure your modem router:

- A. **One-Touch app** - Use a mobile device with the D-Link One-Touch app.
- B. **Web Browser** - Use a web browser from your computer.

## Option A. One-Touch Setup

1

Scan the code below or search "D-Link One-Touch" (App Store or Google Play) to download the D-Link One-Touch app to your iPhone, iPad, or Android device.



iOS



Android

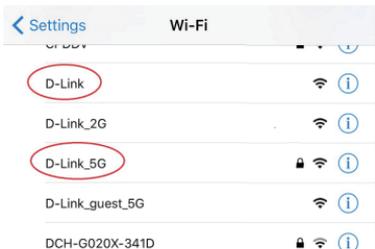


One-Touch App

2

Once your app is installed, you may now configure your modem router. Connect to the modem router wirelessly by going to your wireless utility on your device. The default Wi-Fi Networks are *D-Link* and *D-Link\_5G*. Select either one and connect.

**Note:** By default, the *DSL-2877AL* does not have any wireless security enabled. It is strongly suggested to enable security and create a *Wi-Fi Password* during the setup wizard to secure your wireless network.



3

Once connected via wireless, click on the **D-Link One-Touch** icon from your mobile device, then click Start to continue. Please follow the on-screen instructions to complete the setup.

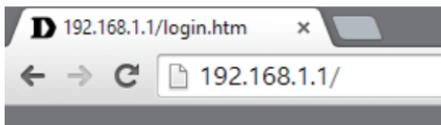
4

Once the Setup Complete screen appears, click **Finish**. You will then be asked if you wish to save the Profile card with all of the details that you have just configured, it is recommended to select **YES** for future use.

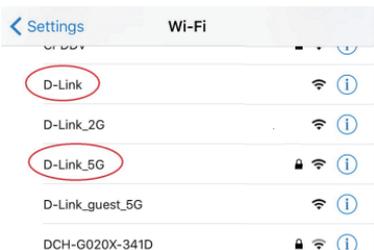
**Congratulations! You have completed the modem router installation.**

## Option B. Web Browser Setup

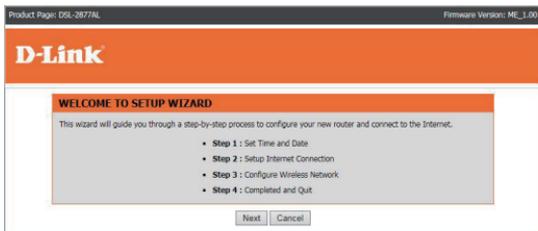
- 1 Open a web browser (e.g., Internet Explorer, Chrome, Firefox, or Safari) and enter the IP address of the router (<http://192.168.1.1>). The default username and password will be **admin** and **admin** respectively.



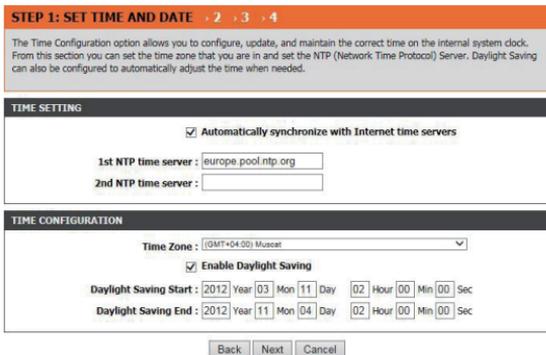
**Note:** If you want to configure your modem router from a wireless computer or mobile device, connect to the router wirelessly by going to your wireless utility on your device. The default Wi-Fi Networks are D-Link and D-Link\_5G. Select one and then continue to step 2.



- 2 When the Welcome screen appears, click **Next** to start the wizard.



- 3 Select your Time Zone from the list, click **Next** to continue.



4

Select your Internet Connection Type, Country and Internet Service Provider from the list. Now enter your User Name and Password as provided by your Internet Provider (if required), click **Next** to continue.

**STEP 2: SETUP INTERNET CONNECTION** .3 .4

Please select your ISP (Internet Service Provider) from the list below.

Country: Saudi Arabia

Internet Service Provider: Saudi Telecom

WAN Mode: DSL

DSL Mode: ATM

Protocol: PPPoE

802.1Q VLAN ID: 0 (0 = disable, 1 - 4094)

Encapsulation Mode: LLC

VPI: 8 (0-255)

VCI: 35 (32-65535)

Search Available PVC:

---

**PPPOE/PPPOA**

Please enter your Username and Password as provided by your ISP (Internet Service Provider). Please enter the information exactly as shown taking note of upper and lower cases. Click "Next" to continue.

Username:

Password:

Confirm Password:

5

Enter a new Wireless Network Name (SSID) for the 2.4G networks available in this modem router, click Next to continue. Select the security method that you wish to use for your wireless networks, click **Next** to continue. D-Link recommends that you select BEST.

**STEP 3: CONFIGURE 2.4G WIRELESS NETWORK** .4

Your wireless network is enabled by default. You can simply uncheck it to disable it and click "Next" to skip configuration of wireless network.

Enable Your Wireless Network:

Your wireless network needs a name so it can be easily recognized by wireless clients. For security purposes, it is highly recommended to change the pre-configured network name.

Wireless Network Name (SSID): D-Link

Select "Visible" to publish your wireless network and SSID can be found by wireless clients, or select "Invisible" to hide your wireless network so that users need to manually enter SSID in order to connect to your wireless network.

Visibility Status:  Visible  Invisible

In order to protect your network from hackers and unauthorized users, it is highly recommended you choose one of the following wireless network security settings.

None	Security Level	Best
<input checked="" type="radio"/> None	<input type="radio"/> WEP	<input type="radio"/> WPA/WPA2-PSK
		<input type="radio"/> WPA2-PSK

Security Mode: None  
Select this option if you do not want to activate any security features.

- 6** Enter a new Wireless Network Name (SSID) for the 5G networks available in this modem router, click **Next** to continue. Select the security method that you wish to use for your wireless networks, click **Next** to continue. D-Link recommends that you select **BEST**.

**STEP 3: CONFIGURE 5G WIRELESS NETWORK** > 4

Your wireless network is enabled by default. You can simply uncheck it to disable it and click "Next" to skip configuration of wireless network.

**Enable Your Wireless Network :**

Your wireless network needs a name so it can be easily recognized by wireless clients. For security purposes, it is highly recommended to change the pre-configured network name.

**Wireless Network Name (SSID) :**

Select "Visible" to publish your wireless network and SSID can be found by wireless clients, or select "Invisible" to hide your wireless network so that users need to manually enter SSID in order to connect to your wireless network.

**Visibility Status :**  Visible  Invisible

In order to protect your network from hackers and unauthorized users, it is highly recommended you choose one of the following wireless network security settings.

**None** *Security Level* **Best**

None  WEP  WPA/WPA2-PSK  WPA2-PSK

**Security Mode:**None  
Select this option if you do not want to activate any security features.

- 7** Please check the configuration via the table as below shown. Click **Back** to review setting or click **Finish** to complete the modem router installation.

**STEP 4: SAVE AND APPLY CHANGES**

Setup complete. Click "Back" to review or modify settings.

If your Internet connection does not work, you can try the Setup Wizard again with alternative settings or use Manual Setup instead if you have your Internet connection details as provided by your ISP.

Below is a detailed summary of your settings. Please print this page out, or write the information on a piece of paper, so you can configure the correct settings on your wireless client adapters.

Time Settings :	1
NTP Server 1 :	europe.pool.ntp.org
NTP Server 2 :	N/A
Time Zone :	GST
Daylight Saving Time :	1
VPI / VCI :	8/35
Protocol :	PPPoE
Connection Type :	LLC
802.1Q VLAN ID :	0
Priority :	0
Username :	
Password :	
SSID (2.4G) :	D-Link
Visibility Status :	Visible
Encryption :	None
Pre-Shared Key :	N/A
WEP Key :	N/A
SSID (5G) :	D-Link 5G
Visibility Status (5G) :	Visible
Encryption (5G) :	None
Pre-Shared Key (5G) :	N/A
WEP Key (5G) :	N/A

# TROUBLESHOOTING

## SETUP AND CONFIGURATION PROBLEMS

### 1. HOW DO I CONNECT MY WIRELESS DEVICES TO THE DSL-2877AL MODEM ROUTER?

- Open your wireless network utility that displays available wireless networks.
- Select the Wi-Fi network name you assigned in the wizard and connect.

**Note:** If you did not run the setup wizard or you reset the router to its default settings, refer to the label on the router for the default Wi-Fi network name and password.

### 2. HOW DO I CHANGE THE WIRELESS SETTINGS ON THE DSL-2877AL MODEM ROUTER?

- Open a web browser (e.g. Internet Explorer, Chrome, Firefox, or Safari) and enter the IP address of the router (**http://192.168.1.1**).
- At the login screen, type in **admin** for the user name and enter the router password you created in the wizard (**admin** by default).
- Go to **Setup > 2.4G Wireless or 5G Wireless items** to create a new Wi-Fi network name (SSID) and Wi-Fi password on each wireless frequency.

### 3. HOW DO I RESET THE DSL-2877AL MODEM ROUTER TO FACTORY DEFAULT SETTINGS?

- Ensure the device is powered on.
- Press and hold the reset button on the rear of the device for 10 seconds.

**Note:** Resetting the router to factory default will erase the current configuration settings. To reconfigure your settings, log into the router using your web browser and follow the setup wizard.

You can find software updates and user documentation on the D-Link website.

## Tech Support for customers in

### Australia:

Tel: 1300-700-100  
24/7 Technical Support  
Web: <http://www.dlink.com.au>  
E-mail: [support@dlink.com.au](mailto:support@dlink.com.au)

### India:

Tel: +91-832-2856000  
Toll Free 1800-233-0000  
Web: [www.dlink.co.in](http://www.dlink.co.in)  
E-Mail: [helpdesk@in.dlink.com](mailto:helpdesk@in.dlink.com)

### Singapore, Thailand, Indonesia, Malaysia, Philippines, Vietnam:

Singapore - [www.dlink.com.sg](http://www.dlink.com.sg)  
Thailand - [www.dlink.co.th](http://www.dlink.co.th)  
Indonesia - [www.dlink.co.id](http://www.dlink.co.id)  
Malaysia - [www.dlink.com.my](http://www.dlink.com.my)  
Philippines - [www.dlink.com.ph](http://www.dlink.com.ph)  
Vietnam - [www.dlink.com.vn](http://www.dlink.com.vn)

### Korea:

Tel : +82-2-2028-1810  
Monday to Friday 9:00am to 6:00pm  
Web : <http://d-link.co.kr>  
E-mail : [g2b@d-link.co.kr](mailto:g2b@d-link.co.kr)

### New Zealand:

Tel: 0800-900-900  
24/7 Technical Support  
Web: <http://www.dlink.co.nz>  
E-mail: [support@dlink.co.nz](mailto:support@dlink.co.nz)

### South Africa and Sub Sahara Region:

Tel: +27 12 661 2025  
08600 DLINK (for South Africa only)  
Monday to Friday 8:30am to 9:00pm South Africa Time  
Web: <http://www.d-link.co.za>  
E-mail: [support@d-link.co.za](mailto:support@d-link.co.za)

### D-Link Middle East - Dubai, U.A.E.

Plot No. S31102,  
Jebel Ali Free Zone South,  
P.O.Box 18224, Dubai, U.A.E.  
Tel: +971-4-8809022  
Fax: +971-4-8809066 / 8809069  
Technical Support: +971-4-8809033  
General Inquiries: [info.me@dlinkmea.com](mailto:info.me@dlinkmea.com)  
Tech Support: [support.me@dlinkmea.com](mailto:support.me@dlinkmea.com)

### Egypt

1, Makram Ebeid Street -  
City Light Building - floor 5  
Nasr City - Cairo, Egypt  
Tel.: +2 02 23521593 - +2 02 23520852  
Technical Support: +2 02 26738470  
General Inquiries: [info.eg@dlinkmea.com](mailto:info.eg@dlinkmea.com)  
Tech Support: [support.eg@dlinkmea.com](mailto:support.eg@dlinkmea.com)

### Kingdom of Saudi Arabia

Office # 84 ,  
Al Khaleej Building ( Mujamathu Al-Khaleej)  
Opp. King Fahd Road, Olaya  
Riyadh - Saudi Arabia  
Tel: +966 1121 70008  
Technical Support:  
+966 1121 70009  
General Inquiries: [info.sa@dlinkmea.com](mailto:info.sa@dlinkmea.com)  
Tech Support: [support.sa@dlinkmea.com](mailto:support.sa@dlinkmea.com)

### Pakistan

Islamabad Office:  
61-A, Jinnah Avenue, Blue Area,  
Suite # 11, EBC, Saudi Pak Tower,  
Islamabad - Pakistan  
Tel.: +92-51-2800397, 2800398  
Fax: +92-51-2800399

#### Karachi Office:

D-147/1, KDA Scheme # 1,  
Opposite Mudassar Park, Karsaz Road,  
Karachi - Pakistan  
Phone: +92-21-34548158, 34326649  
Fax: +92-21-4375727  
Technical Support: +92-21-34548310, 34305069  
General Inquiries: [info.pk@dlinkmea.com](mailto:info.pk@dlinkmea.com)  
Tech Support: [support.pk@dlinkmea.com](mailto:support.pk@dlinkmea.com)

**Iran**

Unit 5, 5th Floor, No. 20, 17th Alley , Bokharest  
 St. , Argentine Sq. ,  
 Tehran IRAN  
 Postal Code : 1513833817  
 Tel: +98-21-88880918,19  
 +98-21-88706653,54  
 General Inquiries: info.ir@dlinkmea.com  
 Tech Support: support.ir@dlinkmea.com

**ישראל**

מטלון סנטר  
 רח' המגשימים 20  
 קרית מטלון, פ"ת 49348, ת"ד 7060  
 טל: 03-9215173  
 טל: 073-7962797  
 דוא"ל כללי: info@dlink.co.il  
 דוא"ל תמיכה: support@dlink.co.il

**Morocco**

M.I.T.C  
 Route de Nouaceur angle RS et CT 1029  
 Bureau N° 312 ET 337  
 Casablanca , Maroc  
 Phone : +212 663 72 73 24  
 Email: support.na@dlinkmea.com

**Lebanon RMA center**

Dbayeh/Lebanon  
 PO Box:901589  
 Tel: +961 4 54 49 71 Ext:14  
 Fax: +961 4 54 49 71 Ext:12  
 Email: taoun@dlinkmea.com

**Bahrain**

Technical Support: +973 1 3332904

**Kuwait:**

Technical Support: + 965 22453939 / +965  
 22453949

**Türkiye**

Büyükdere Cad. Ferro Plaza No:155  
 D: 1 K: 1 Zincirlikuyu / Istanbul  
 Tel: +90 (212) 289-56-59  
 Email: info.tr@dlink.com.tr



## WIRELESS NETWORK REMINDER

Wireless Network Name (SSID)

Wireless Network Password