

Vigor 2710e/ne ADSL2/2+ Router

Quick Start Guide

Version: 1.01

Date: 19/03/2010

Warranty

We warrant to the original end user (purchaser) that the router will be free from any defects in workmanship or materials for a period of one (1) year from the date of purchase from the dealer. Please keep your purchase receipt in a safe place as it serves as proof of date of purchase. During the warranty period, and upon proof of purchase, should the product have indications of failure due to faulty workmanship and/or materials, we will, at our discretion, repair or replace the defective products or components, without charge for either parts or labor, to whatever extent we deem necessary to restore the product to proper operating condition. Any replacement will consist of a new or re-manufactured functionally equivalent product of equal value, and will be offered solely at our discretion. This warranty will not apply if the product is modified, misused, tampered with, damaged by an act of God, or subjected to abnormal working conditions. The warranty does not cover the bundled or licensed software of other vendors. Defects which do not significantly affect the usability of the product will not be covered by the warranty. We reserve the right to revise the manual and online documentation and to make changes from time to time in the contents hereof without obligation to notify any person of such revision or changes.

European Community Declarations

Manufacturer: DrayTek Corp.
Address: No. 26, Fu Shing Road, HuKou Township, HsinChu Industrial Park, Hsin-Chu, Taiwan 303
Product: Vigor2710n/ne

DrayTek Corp. declares that Vigor2710n/ne is in compliance with the following essential requirements and other relevant provisions of R&TTE Directive 1999/5/EEC.

The product conforms to the requirements of Electro-Magnetic Compatibility (EMC) Directive 2004/108/EC by complying with the requirements set forth in EN55022/Class B and EN55024/Class B.

The product conforms to the requirements of Low Voltage (LVD) Directive 2006/95/EC by complying with the requirements set forth in EN60950-1.

Federal Communication Commission Interference Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device may accept any interference received, including interference that may cause undesired operation.

This product is designed for the DSL and 2.4GHz WLAN network throughout the EC region and Switzerland with restrictions in France.



You are cautioned that changes or modifications not expressly approved by the party responsible for compliance could void your authority to operate the equipment.

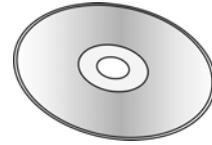
FCC RF Radiation Exposure Statement

1. This Transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.
2. This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.

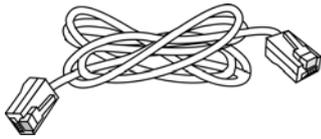
1 Package Content



Quick Start Guide



CD

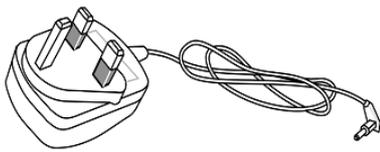


RJ-45 Cable (Ethernet)

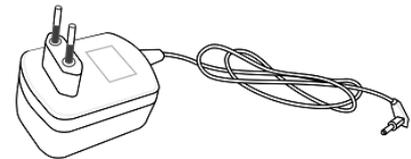


RJ-11 to RJ-11 Cable

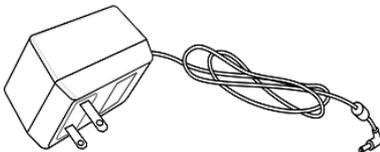
The type of the power adapter depends on the country that the router will be installed:



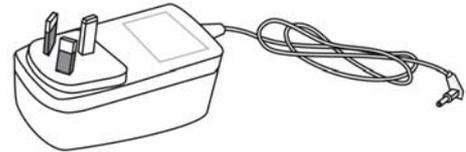
UK-type power adapter



EU-type power adapter

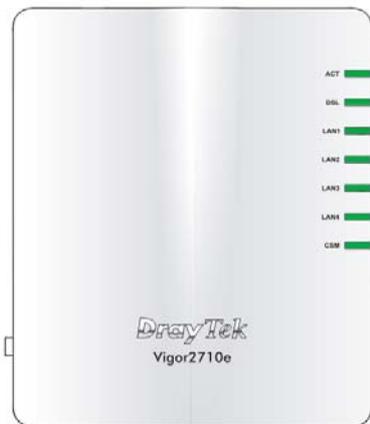


USA/Taiwan-type power adapter

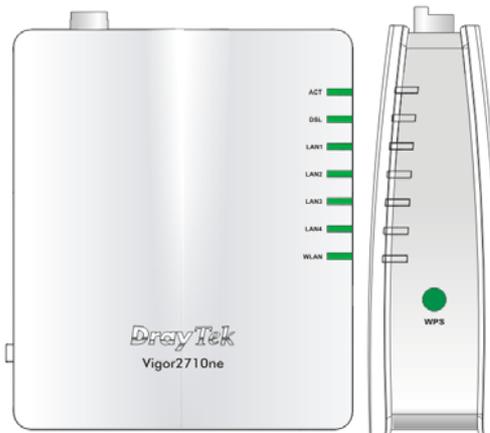


AU/NZ-type Power Adapter

2 Descriptions of Components

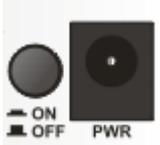


2710e



2710ne

LED	Status	Explanation
ACT	Off	The system is not ready or is failed.
	Blinking	The system is ready and can work normally.
DSL	On	DSL connection synchronized.
	Blinking	DSL connection is synchronizing.
LAN 1 - 4	On	A normal connection is through its corresponding port.
	Off	LAN is disconnected.
	Blinking	Data is transmitting (sending/receiving).
CSM (for 2710e)	On	The profile(s) of URL/Web Content Filter application can be enabled from Firewall >>URL Content Filter .
WLAN (for 2710ne)	On	Wireless access point is ready.
	Off	Wireless access point is not ready.
	Blinking	It will blink while wireless traffic goes through.
WPS (for 2710ne)	On	The WPS is on.
	Off	The WPS is off.
	Blinking	Waiting for wireless client sending requests for connection about two minutes.
WPS Button (for 2710ne)	On	Press this button for 2 seconds to wait for client device making network connection through WPS. When the LED lights up, the WPS will be on.
	Off	The WPS is off.
	Blinking	Waiting for wireless client sending requests for connection about 2 minutes.
	Interface	Description
	DSL	Connector for accessing the Internet through ADSL

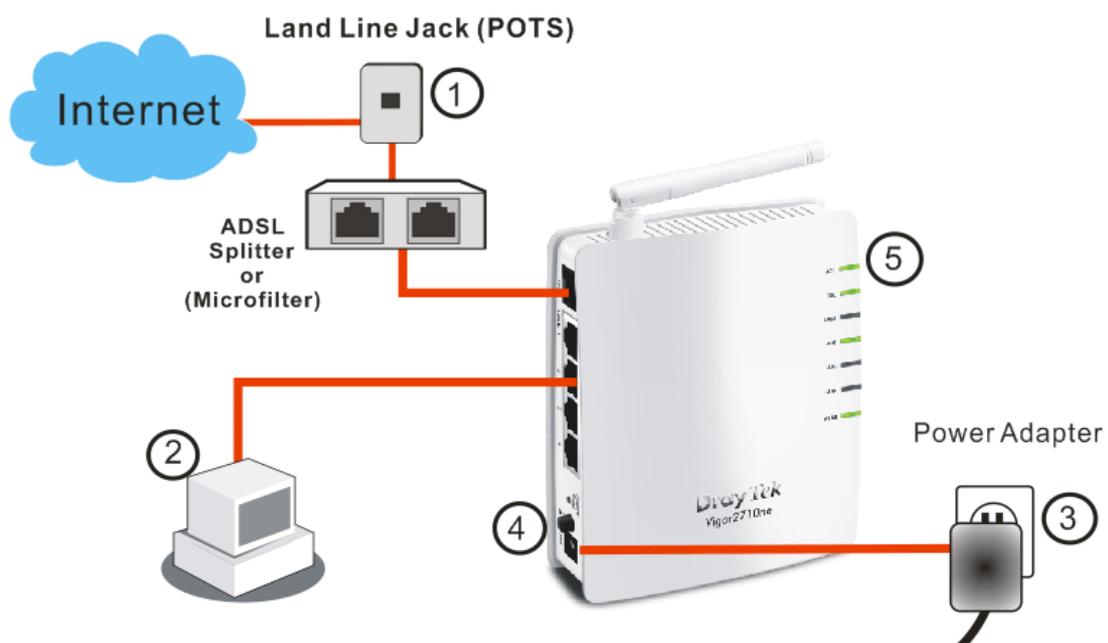
		2+.
	LAN 1 - 4	Connector for local network devices.
		<p>ON/OFF: Power switch.</p> <p>PWR: Connector for a power adapter.</p>
		<p>Restore the default settings. Usage: Turn on the router. Press the button and keep for more than 10 seconds. Then the router will restart with the factory default configuration.</p>

3 Installing Your Router

This section will guide you to install the router through hardware connection and configure the router's settings through web browser.

Before starting to configure the router, you have to connect your devices correctly.

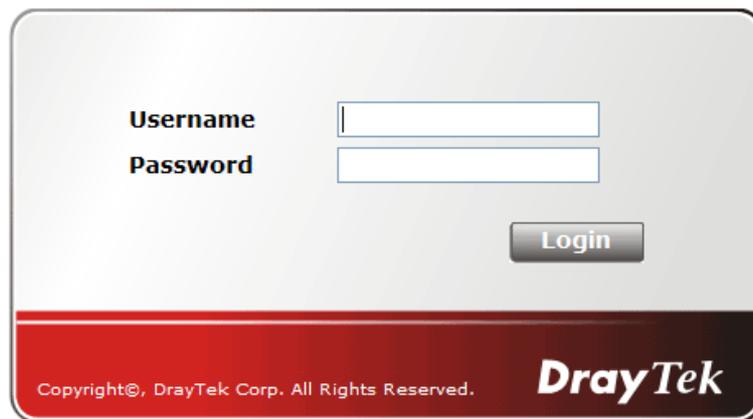
1. Connect the DSL interface to the MODEM port of external ADSL splitter with an ADSL line cable.
2. Connect the LAN port to your computer with a RJ-45 cable.
3. Connect one end of the power adapter to the Power port of this device. Connect the other end to the wall outlet of electricity.
4. Power on the router.
5. Check the **POWER**, **ACT**, **LAN**, **DSL** and **INTERNET** LEDs to assure network connections.



4 Configuring Web Pages

The **Quick Start Wizard** is designed for you to easily set up your router for Internet access.

1. Make sure your PC connects to the router correctly.
2. Open a web browser on your PC and type **http://192.168.1.1**. A pop-up window will open to ask for username and password. For user's operation, do not type any word on the window and click **Login** for the simple web pages for configuration.

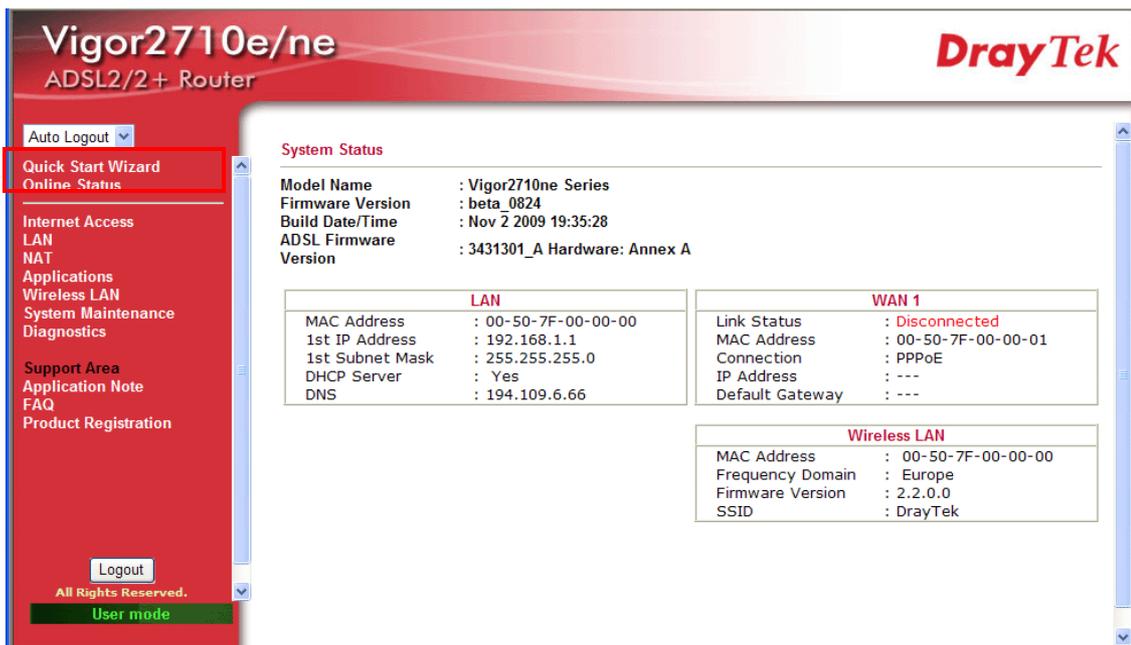


A login form with a light gray background and a red footer. It contains two input fields: "Username" and "Password". Below the fields is a "Login" button. The footer contains the text "Copyright©, DrayTek Corp. All Rights Reserved." and the "DrayTek" logo.



Notice: For administrator's operation, please type "admin/admin" on Username/Password and click **Login** for full configuration. If you fail to access to the web configuration, please go to "Trouble Shooting" for detecting and solving your problem in User's Guide.

3. Now, the **Main Screen** will pop up. Click **Quick Start Wizard**.



The screenshot shows the main configuration page for a DrayTek Vigor2710e/ne ADSL2/2+ Router. The page has a red header with the model name and DrayTek logo. A left sidebar contains navigation links, with "Quick Start Wizard" highlighted in a red box. The main content area displays system status information, including model name, firmware version, and network settings for LAN, WAN 1, and Wireless LAN.

LAN	
MAC Address	: 00-50-7F-00-00-00
1st IP Address	: 192.168.1.1
1st Subnet Mask	: 255.255.255.0
DHCP Server	: Yes
DNS	: 194.109.6.66

WAN 1	
Link Status	: Disconnected
MAC Address	: 00-50-7F-00-00-01
Connection	: PPPoE
IP Address	: ---
Default Gateway	: ---

Wireless LAN	
MAC Address	: 00-50-7F-00-00-00
Frequency Domain	: Europe
Firmware Version	: 2.2.0.0
SSID	: DrayTek

4. Enter the login password on the field of **New Password** and retype it on the field of **Confirm Password**. Then click **Next** to continue.

Quick Start Wizard

Enter login password

Please enter an alpha-numeric string as your **Password** (Max 23 characters).

New Password

Confirm Password

5. On the next page as shown below, please select the appropriate Internet access type according to the information from your ISP. Then click **Next** for next step.

Quick Start Wizard

Connect to Internet

VPI	<input type="text" value="0"/>	<input data-bbox="938 1236 1098 1281" type="button" value=" Auto detect "/>
VCI	<input type="text" value="33"/>	
Protocol / Encapsulation	<input type="text" value="PPPoE LLC/SNAP"/> <input data-bbox="1066 1339 1090 1373" type="button" value=" v "/>	
Fixed IP	PPPoE VC MUX	
IP Address	PPPoA LLC/SNAP	
Subnet Mask	PPPoA VC MUX	
Default Gateway	1483 Bridged IP LLC	
Primary DNS	1483 Routed IP LLC	
Second DNS	1483 Bridged IP VC-Mux	
	1483 Routed IP VC-Mux (IPoA)	
	1483 Bridged IP (IPoE)	

- **PPPoE or PPPoA:** if you click PPPoE or PPPoA as the protocol, please manually enter the Username/Password provided by your ISP. Then click **Next**.

Quick Start Wizard

Set PPPoE / PPPoA

User Name	<input type="text" value="84005755@hinet.net"/>
Password	<input type="password" value="•••••"/>
Confirm Password	<input type="password" value="•••••"/>

- **1483 Bridged:** if you click 1483 Bridged, you will get the following page. Please type in all the information originally provided by your ISP. Then click **Next** for next step.

Quick Start Wizard

Connect to Internet

VPI	<input type="text" value="0"/>	<input type="button" value=" Auto detect"/>
VCI	<input type="text" value="33"/>	
Protocol / Encapsulation	<input type="text" value="1483 Bridged IP LLC"/> ▾	
Fixed IP	<input type="radio"/> Yes <input checked="" type="radio"/> No(Dynamic IP)	
IP Address	<input type="text"/>	
Subnet Mask	<input type="text"/>	
Default Gateway	<input type="text"/>	
Primary DNS	<input type="text"/>	
Second DNS	<input type="text"/>	

- **1483 Routed IP:** if you click 1483 Routed IP, you will get the following page. Please type in all the information originally provided by your ISP. Then click **Next** for next step.

Quick Start Wizard

Connect to Internet

VPI	<input type="text" value="0"/>	<input type="button" value="Auto detect"/>
VCI	<input type="text" value="33"/>	
Protocol / Encapsulation	<input type="text" value="1483 Routed IP LLC"/>	
Fixed IP	<input checked="" type="radio"/> Yes <input type="radio"/> No(Dynamic IP)	
IP Address	<input type="text" value="172.16.3.229"/>	
Subnet Mask	<input type="text" value="255.255.0.0"/>	
Default Gateway	<input type="text" value="172.16.3.4"/>	
Primary DNS	<input type="text" value="168.95.1.1"/>	
Second DNS	<input type="text"/>	

6. Now you can see the following screen. It indicates that the setup is complete. Different types of connection modes will have different summary. Click **Finish** and then restart the router. Afterward, you will enjoy surfing on the Internet.

Quick Start Wizard

Please confirm your settings:

VPI:	0
VCI:	33
Protocol / Encapsulation:	1483 Route LLC
Fixed IP:	Yes
IP Address:	172.16.3.229
Subnet Mask:	255.255.0.0
Default Gateway:	172.16.3.4
Primary DNS:	168.95.1.1
Secondary DNS:	

Contacting Your Dealer

If the router still cannot work correctly after trying many efforts, please contact your dealer for further help right away. For any questions, please feel free to send e-mail to support@draytek.com.