Vigor 120
ADSL2/2+ Modem

Quick Start Guide

Version: 1.1

Date: 20/07/2009

Warranty

We warrant to the original end user (purchaser) that the modem 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 tore-store 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: Vigor120

DrayTek Corp. declares that Vigor120 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

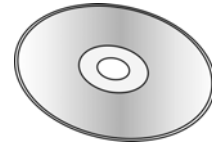(2) This device may accept any interference received, including interference that may cause undesired operation.

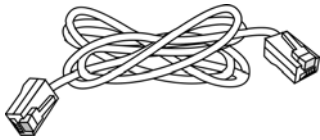This product is designed for the DSL network throughout the EC region and Switzerland.

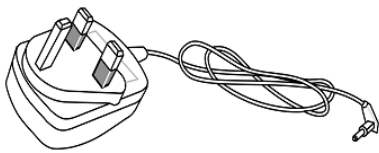$C \in FC$

❶ Package Content
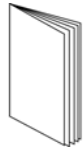
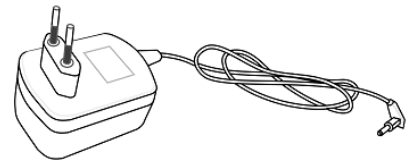Quick Start Guide

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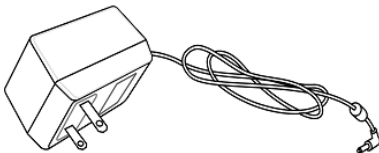RJ-45 Cable (Ethernet)

RJ-11 to RJ-11 Cable

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

UK-type power adapter

EU-type power adapter

USA/Taiwan-type power adapter

AU/NZ-type Power Adapter

❷ Descriptions of Components

| LED	Status	Explanation
Power	On	The modem is powered on.
	Off	The modem is powered off.
ACT	Off	The system is not ready or is failed.
	Blinking	The system is ready and can work normally.
LAN	On	A normal connection is through its corresponding port.
	Off	LAN is disconnected.
	Blinking	Data is transmitting (sending/receiving).
DSL	On	DSL connection synchronized.
	Blinking	DSL connection is synchronizing.
INTERNET	On	Internet connection is established.
	Off	Internet connection is not established.
	Blinking	Data is transmitting (sending/receiving).

Interface	Description
ADSL	Connecter for accessing the Internet through ADSL 2+.
LAN	Connecter for local networked devices.
◉	Connecter for a power adapter.
RESET	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.

❸ Installing Your Modem

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

Before starting to configure the modem, 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 modem.
5. Check the **POWER, ACT, LAN, DSL** and **INTERNET** LEDs to assure network connections.
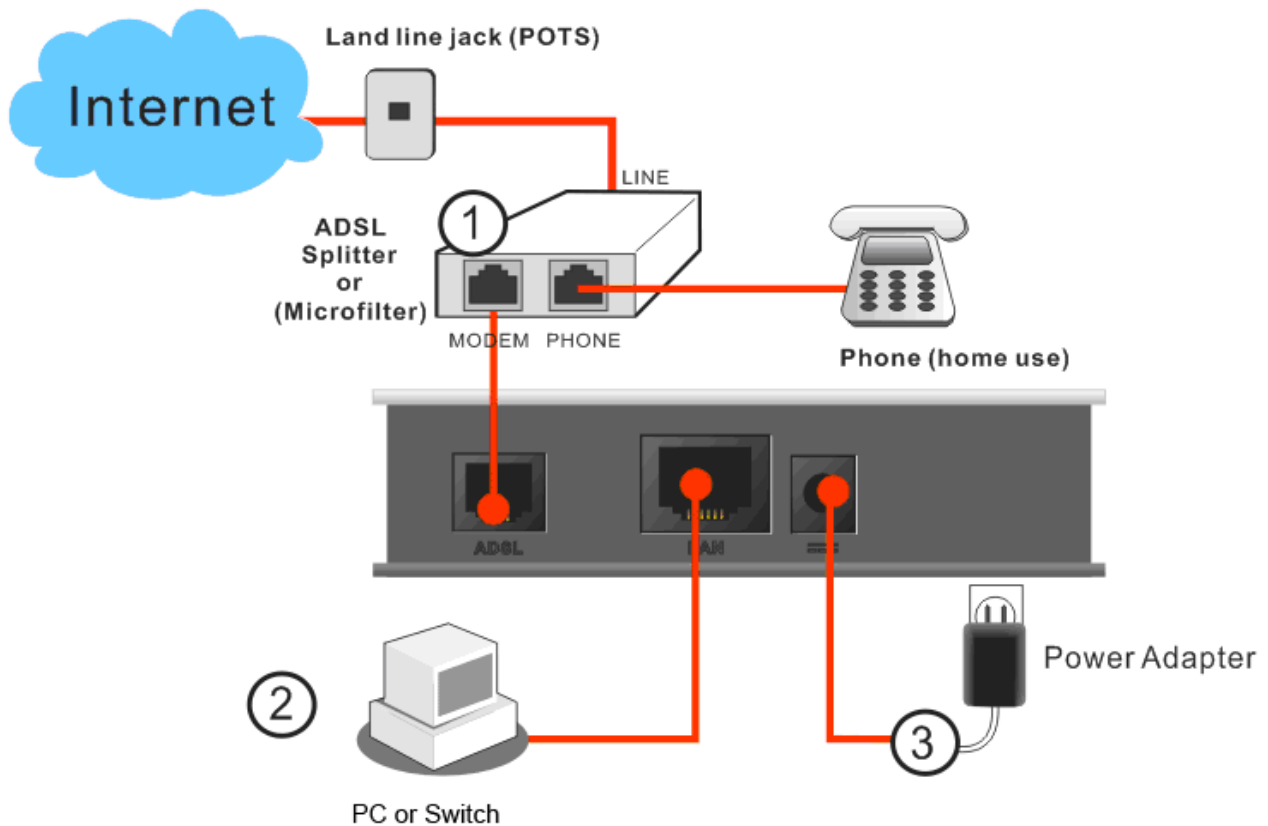
❹ Configuring Web Pages

The **Quick Start Wizard** is designed for you to easily set up your modem for Internet access. You can directly access the **Quick Start Wizard** via Web Configurator.

1. Make sure your PC connects to the modem correctly.

   > Notice: You may either simply set up your computer to get IP dynamically from the modem or set up the IP address of the computer to be the same subnet as **the default IP address of Vigor modem 192.168.1.1**. For the detailed information, please refer to the later section - Trouble Shooting of the guide.

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. Please type "admin" as the username and leave blank for the password on the window. Next click **OK** for next screen.

   > Notice: If you fail to access to the web configuration, please go to "Trouble Shooting" for detecting and solving your problem.

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

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

< Back   Next >   Finish   Cancel

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	0	Auto detect
VCI	33	
Protocol / Encapsulation	PPPoE LLC/SNAP	
	PPPoE LLC/SNAP	
	PPPoE VC MUX	
Fixed IP	PPPoA LLC/SNAP	
	PPPoA VC MUX	
IP Address	1483 Bridged IP LLC	
	1483 Routed IP LLC	
Subnet Mask	1483 Bridged IP VC-Mux	
Default Gateway	1483 Routed IP VC-Mux (IPoA)	
Primary DNS	1483 Bridged IP (IPoE)	
Second DNS		

< Back   Next >   Finish   Cancel

- **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	84005755@hinet.net
Password	●●●●●●●●
Confirm Password	●●●●●●●●

[< Back] [Next >] [Finish] [Cancel]

- **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	0	[Auto detect]
VCI	33	
Protocol / Encapsulation	1483 Bridged IP LLC	
Fixed IP	○ Yes ◉ No(Dynamic IP)	
IP Address		
Subnet Mask		
Default Gateway		
Primary DNS		
Second DNS		

[< Back] [Next >] [Finish] [Cancel]

- **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.

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 modem. Afterward, you will enjoy surfing on the Internet.

Contacting Your Dealer

If the modem 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.