TP-LINK®
The Reliable Choice

Quick Installation Guide

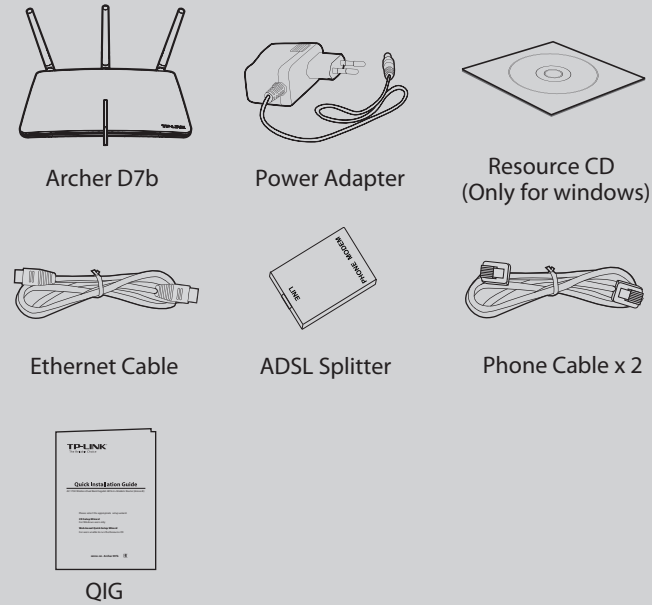AC1750 Wireless Dual Band Gigabit ADSL2+ Modem Router (Annex B)

Please select the appropriate setup wizard.

CD Setup Wizard
For Windows users only

Web-based Quick Setup Wizard
For users unable to run the Resource CD

MODEL NO. **Archer D7b**

Package Contents

Archer D7b

Power Adapter

Resource CD
(Only for windows)

Ethernet Cable

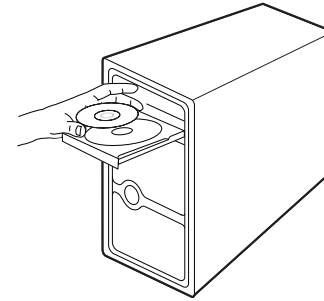ADSL Splitter

Phone Cable x 2

QIG

Necessary Information

For a smoother setup, we suggest you consult your ISP for the following information first. The information will be necessary during the configuration stage.

VPI/VCI: _____ Connection Type: _____
Encapsulation Type (Optional): _____

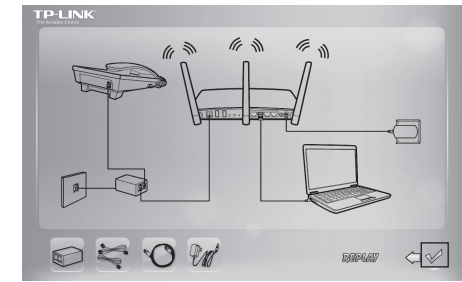## CD Setup Wizard (For Windows users only)

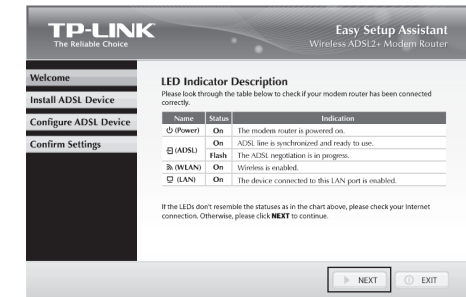**1** Insert the TP-LINK Resource CD into the CD-ROM drive.

2 Click **Start Setup**.

3 Follow the pop-up flash video to connect your devices, then click ☑ to continue.
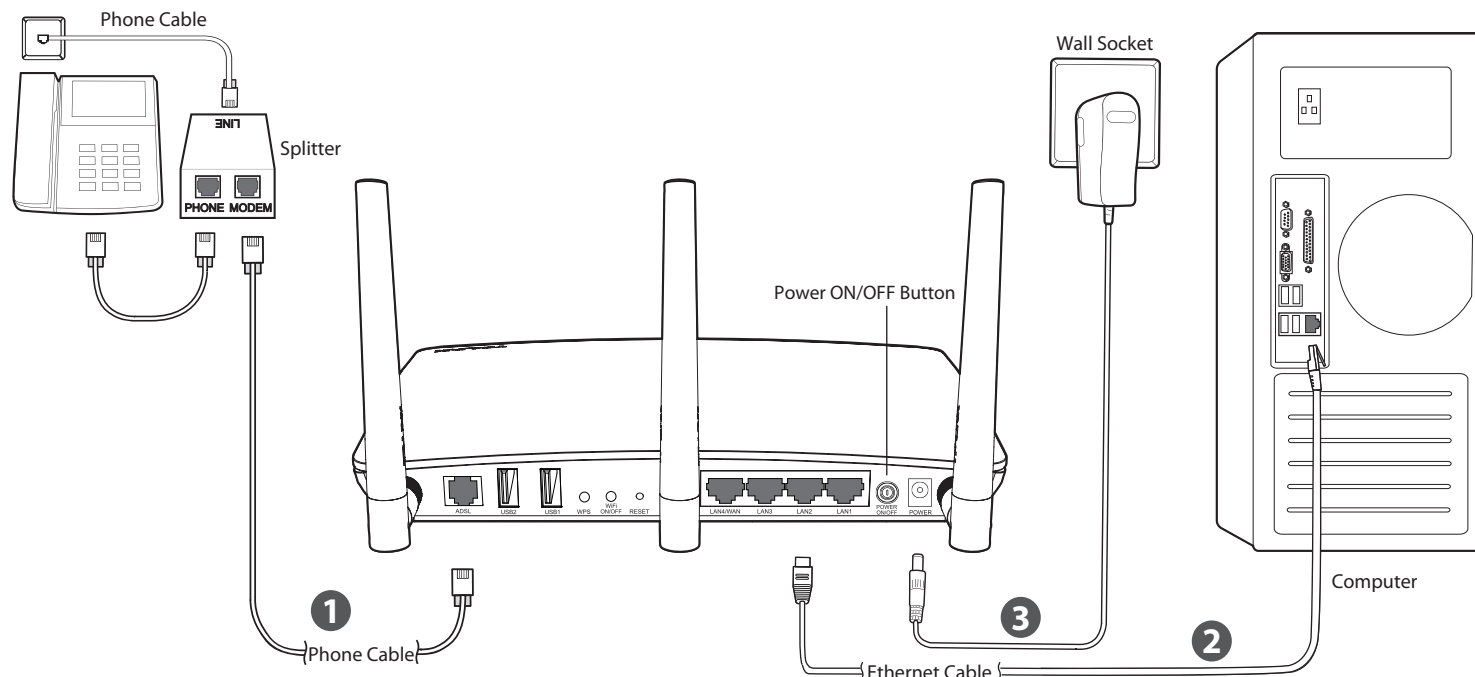
4 Please check the LEDs (especially the ADSL LED). Then click **NEXT** and follow the step-by-step instructions until you complete the configuration.

⚠ Note For the advanced configurations, please refer to the User Guide on the Resource CD provided.

Web-based Quick Setup Wizard (For users unable to run the Resource CD)

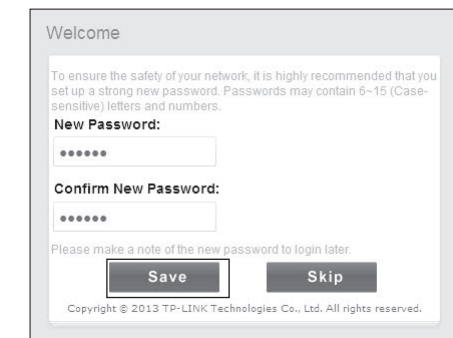**1** Connect your devices step by step following the figure.

Phone Cable

Splitter

Wall Socket

Power ON/OFF Button

Computer

Phone Cable

Ethernet Cable

2 Press the power **ON/OFF** button of your modem router and make sure the LEDs (especially the ADSL LED) display as shown below.

LAN: Solid light
WLAN: Solid light
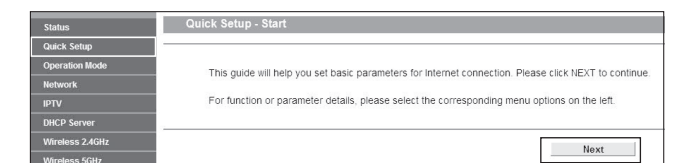ADSL: Solid light or flashing
POWER: Solid light
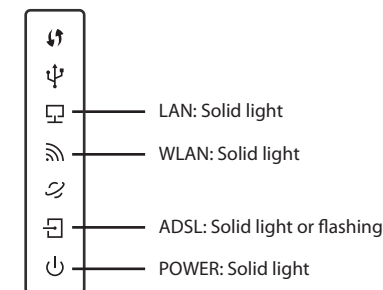
3 Set your computer to **Obtain an IP address / DNS server address automatically**. For details, please refer to **T1** in **Troubleshooting.**

4 Open your browser and type in **http://tplinkmodem.net** in the address field, then press Enter. Create a new password and click **Save**, and then log into the Web-based management with the new password. Or click **Skip** and log in with the default password **admin**.
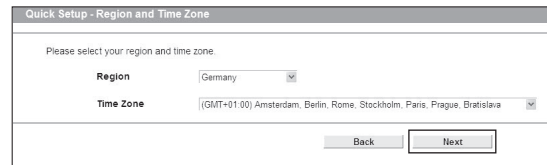
Welcome

To ensure the safety of your network, it is highly recommended that you set up a strong new password. Passwords may contain 6~15 (Case-sensitive) letters and numbers.

New Password:
●●●●●●

Confirm New Password:
●●●●●●

Please make a note of the new password to login later.

Save   Skip

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5 Click **Quick Setup** in the main menu and then click **Next** to start the configuration.

6 Select your **Region** and **Time Zone** from the drop-down list, and then click **Next**.

Quick Setup - Region and Time Zone

Please select your region and time zone.

| Region | Germany |
| Time Zone | (GMT+01:00) Amsterdam, Berlin, Rome, Stockholm, Paris, Prague, Bratislava |

Back   Next

7 Select **Yes** to auto detect your connection type and then click **Next** to continue.

Quick Setup - Auto-Detection

Auto-Detect Connection Type:
This Setup Wizard can detect the type of Internet connection you have. Do you want The Smart Setup Wizard to try and detect The connection type now?
○ Yes.
○ No. I want to configure The Internet Connection myself.
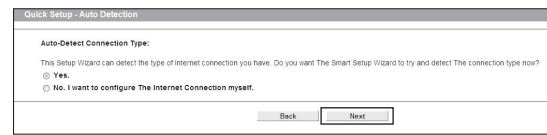
Back   Next

⚠ **Note** If the connection type can not be detected, please select **No...** to configure it manually.

8 Here we use **PPPoE** as an example. Enter the **Username** and **Password** provided by your ISP and then click **Next**.
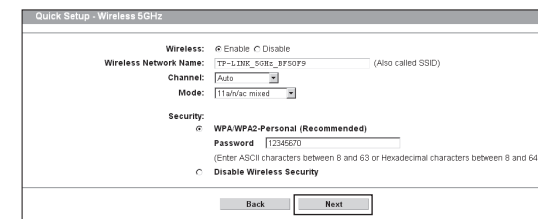
Quick Setup - PPPoE

Auto-detection has succeeded!

DSL PVC:	8/35
Encapsulation Mode:	LLC
Connection Type:	PPPoE

Please enter the Username and Password. If the Username/Password are unknown, please contact your ISP.

Username:	
Password:	
Confirm password:	

Back   Next
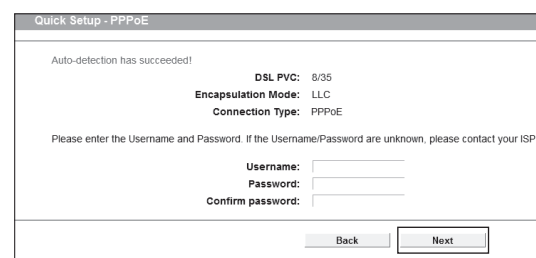
Record this information here:
Username: _____
Password: _____

9 You can rename your 2.4GHz wireless network and create your own password in this page. The default wireless name is TP-LINK_2.4GHz_XXXXXX; and the default wireless password, the same as the PIN code, is printed on the bottom label. Click **Next** to continue.
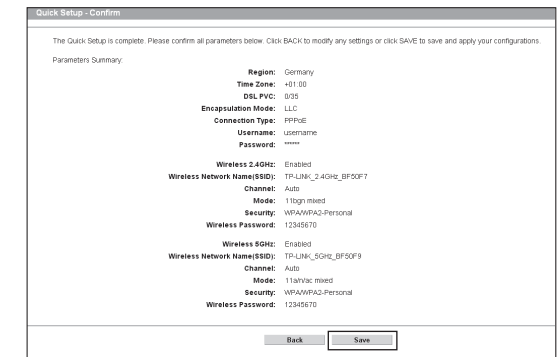
Quick Setup - Wireless 2.4GHz

Wireless:	⊙ Enable ○ Disable
Wireless Network Name:	TP-LINK_2.4GHz_BF50F7 (Also called SSID)
Channel:	Auto
Mode:	11bgn mixed
Security:	
	⊙ WPA/WPA2-Personal (Recommended)
	Password 12345670
	(Enter ASCII characters between 8 and 63 or Hexadecimal characters between 8 and 64.)
	○ Disable Wireless Security

Back   Next

10 You can rename your 5GHz wireless network and create your own password in this page. The default wireless name is TP-LINK_5GHz_XXXXXX; and the default wireless password, the same as the PIN code, is printed on the bottom label. Click **Next** to continue.

Quick Setup - Wireless 5GHz

Wireless:	⊙ Enable ○ Disable
Wireless Network Name:	TP-LINK_5GHz_BF50F3 (Also called SSID)
Channel:	Auto
Mode:	11a/n/ac mixed
Security:	
	⊙ WPA/WPA2-Personal (Recommended)
	Password 12345670
	(Enter ASCII characters between 8 and 63 or Hexadecimal characters between 8 and 64.)
	○ Disable Wireless Security

Back   Next

Record your wireless information here:
2.4GHz SSID: _____
2.4GHz Security Password: _____
5GHz SSID: _____
5GHz Security Password: _____

11 Please confirm all the parameters. Click **Back** to modify them or click **Save** to save your settings.

Quick Setup - Confirm

The Quick Setup is complete. Please confirm all parameters below. Click BACK to modify any settings or click SAVE to save and apply your configurations.

Parameters Summary:

Region:	Germany
Time Zone:	+01:00
DSL PVC:	8/35
Encapsulation Mode:	LLC
Connection Type:	PPPoE
Username:	Username
Password:	*****
Wireless 2.4GHz:	Enabled
Wireless Network Name(SSID):	TP-LINK_2.4GHz_BF50F7
Channel:	Auto
Mode:	11bgn mixed
Security:	WPA/WPA2-Personal
Wireless Password:	12345670
Wireless 5GHz:	Enabled
Wireless Network Name(SSID):	TP-LINK_5GHz_BF50F3
Channel:	Auto
Mode:	11a/n/ac mixed
Security:	WPA/WPA2-Personal
Wireless Password:	12345670

Back   Save

12 Quick Setup has completed. Click **Finish** to make your settings take effect.

The basic settings for your modem router are completed. Please open the web browser and try to log on to **http://www.tp-link.com** to test your Internet connection.

⚠ **Note** For the advanced configurations, please refer to the User Guide at **http://www.tp-link.com**.

Troubleshooting

T1. How can I set my computer to Obtain an IP address / DNS server address automatically?

For Mac OS X

1) Click the **Apple** icon on the upper left corner of the screen.
2) Go to "**System Preferences** -> **Network**".
3) Select **Airport** on the left menu bar, and then click **Advanced** for wireless configuration; or select **Ethernet** for wired configuration.
4) In the **Configure IPv4** box under **TCP/IP**, select **Using DHCP**.
5) Click **Apply** to save the settings.

For Windows 7

1) Click "**Start -> Control Panel -> Network and Internet -> View network status -> Change adapter settings**".
2) Right-click **Wireless Network Connection** (or Local Area Connection), and then click **Properties**.
3) Select **Internet Protocol Version 4 (TCP/IPv4)**, and then click **Properties**.
4) Select **Obtain an IP address automatically and Obtain DNS server address automatically**. Then click **OK**.

For Windows XP

1) Click "**Start -> Control Panel -> Network and Internet Connections -> Network Connections**".
2) Right-click **Wireless Network Connection** (or Local Area Connection), and then click **Properties**.
3) Select **Internet Protocol (TCP/IP)**, and then click **Properties**.
4) Select **Obtain an IP address automatically and Obtain DNS server address automatically**. Then click **OK**.

For Windows 8

1) Move your mouse to the lower right corner and click the **Search** icon in the Popups.
2) Go to **Apps**, type **Control Panel** in the search box and press **Enter**.
3) Go to "**Control Panel -> View network status and tasks > Change adapter settings**".
4) Right-click **Ethernet**, select **Properties**. Then double-click **Internet Protocol Version 4 (TCP/IPv4)**.
5) Select **Obtain an IP address automatically and Obtain DNS server address automatically**. Then click **OK**.

T2. What can I do if I cannot access the Internet?

1) Check your cables and make sure they are all plugged in correctly, including the telephone line, Ethernet cables and power adapter.
2) Check to see if you can log on to the Web-based management page of the modem router. The default address of the Web-based management page is **http://tplinkmodem.net**. If you can, try the following steps. (If you can not, please refer to **T1** to configure TCP/IP Properties and then try to access the Internet again.)
3) Consult your ISP and make sure all the VPI/VCI, Connection Type, account username and password are correct. If they are not, please replace them with the correct settings and try again.
4) If you still cannot access the Internet, please restore your modem router to its factory default settings and reconfigure your modem router following the instructions in this QIG.
5) Please contact our Technical Support if the problem still exists.

T3. How can I restore my modem router's configuration to its factory default settings?

Once the modem router is reset, the current settings will be lost and you will need to reconfigure the modem router. We strongly suggest you back up the current settings before resetting the modem router. For more Backup information, please refer to 4.23.6 Backup & Restore on User Guide.

With the modem router powered on, use a pin to press and hold the **RESET** button on the rear panel for 8 to 10 seconds before releasing it.
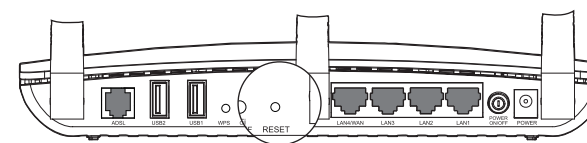
T4. What can I do if I forget my password?

1) For default wireless password:
   Please refer to the "Wireless Password/PIN" labeled on the bottom of the modem router.
2) For the web management page password:
   Reset the modem router first and then use the default user name and password: **admin**/**admin**.

T5. How can I configure the USB features?

Please refer to our Application Guides. They can be found on the resource CD, or on the web.

1) CD Access: Open the "Application Guide" folder on the Resource CD. The guides can be found inside this folder.
2) Web Access: http://www.tp-link.com/app/usb

⚠ **Note** For more details about Troubleshooting and Technical Support contact information, please log on to our Technical Support website: http://www.tp-link.com/en/support

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Technical Support