

# TP-LINK Wireless Router (Archer C7) User's Guide

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# 1 Get to know TP-LINK (Archer C7) Wireless Router

## A. Tech Specs - Connections and Expansion



## B. Minimum System Requirements (bb500/ FibreHome500/ bb1000/ FibreHome1000)

To ensure that you have a fast and stable network, please refer to the following as a recommended minimum system requirement:

Central Processing Unit (CPU)	Intel Core2 Duo P8700/2.5 (3 GHz or above)
System Memory	4GB or above
Hard disk	64GB SATA II SSD (Min. I/O speed of 200MB/s)
Network Adaptor	100/1000M Network Adaptor

## 2 Connecting to TP-LINK Router

Make sure you have a LAN cable connected from the HKBN wall plate/ONT to the Internet port of your TP-LINK Router (Archer C7). Using a second LAN cable, connect it from the router Ethernet port to the computer LAN port. Once finished, switch on the power supply for the router and turn on the computer.

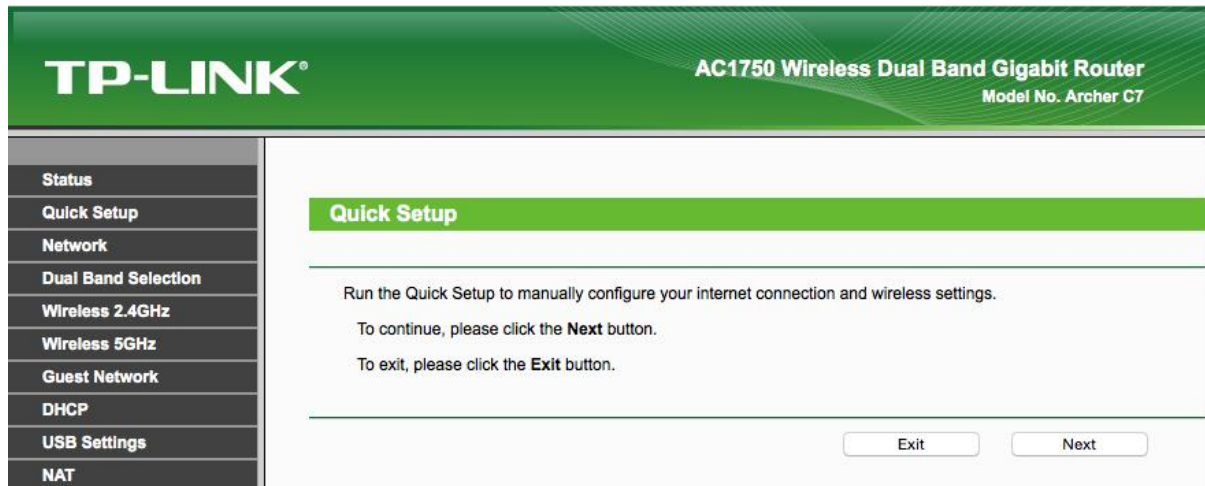
Open your Internet browser, and input [<http://192.168.0.1>] using the address-bar and press [Enter].

Enter [admin] as the default username and password, click [OK]



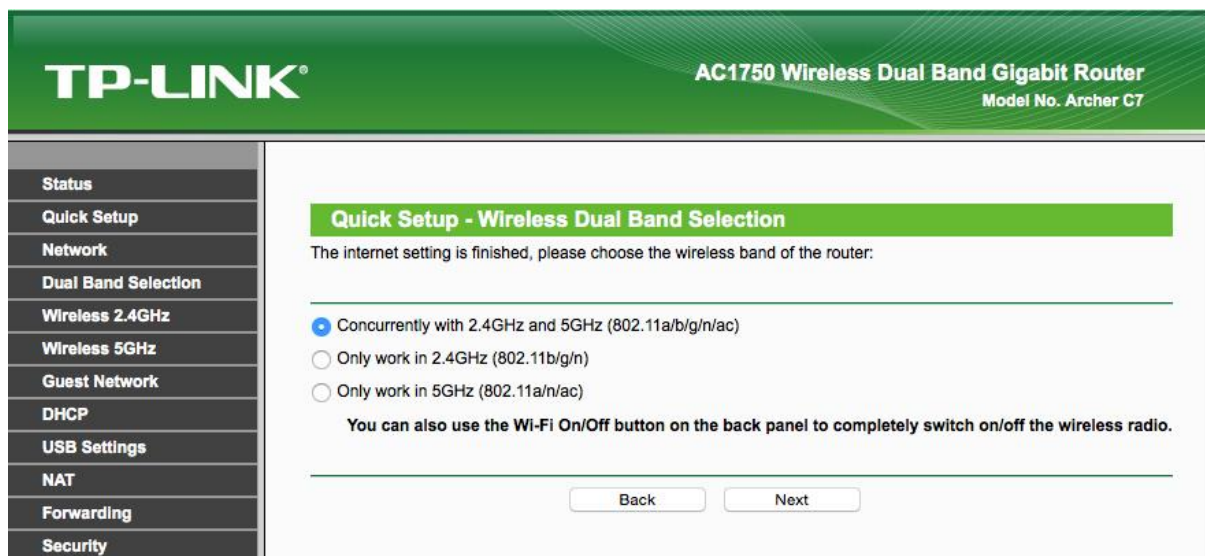
## 2 Connecting to TP-LINK Router

Click [Next] to run Quick Setup.



The screenshot shows the TP-LINK Archer C7 web interface. The top header is green with the TP-LINK logo and the text "AC1750 Wireless Dual Band Gigabit Router Model No. Archer C7". On the left is a navigation menu with options: Status, Quick Setup, Network, Dual Band Selection, Wireless 2.4GHz, Wireless 5GHz, Guest Network, DHCP, USB Settings, and NAT. The main content area is titled "Quick Setup" and contains the following text: "Run the Quick Setup to manually configure your internet connection and wireless settings. To continue, please click the **Next** button. To exit, please click the **Exit** button." At the bottom right are two buttons: "Exit" and "Next".

TP-LINK Router (Archer C7) supports both 2.4GHz and 5GHz wireless connections, it is recommended that you choose [Concurrently with 2.4GHz and 5GHz(802.11a/b/g/n/ac)] then click [Next] to continue.



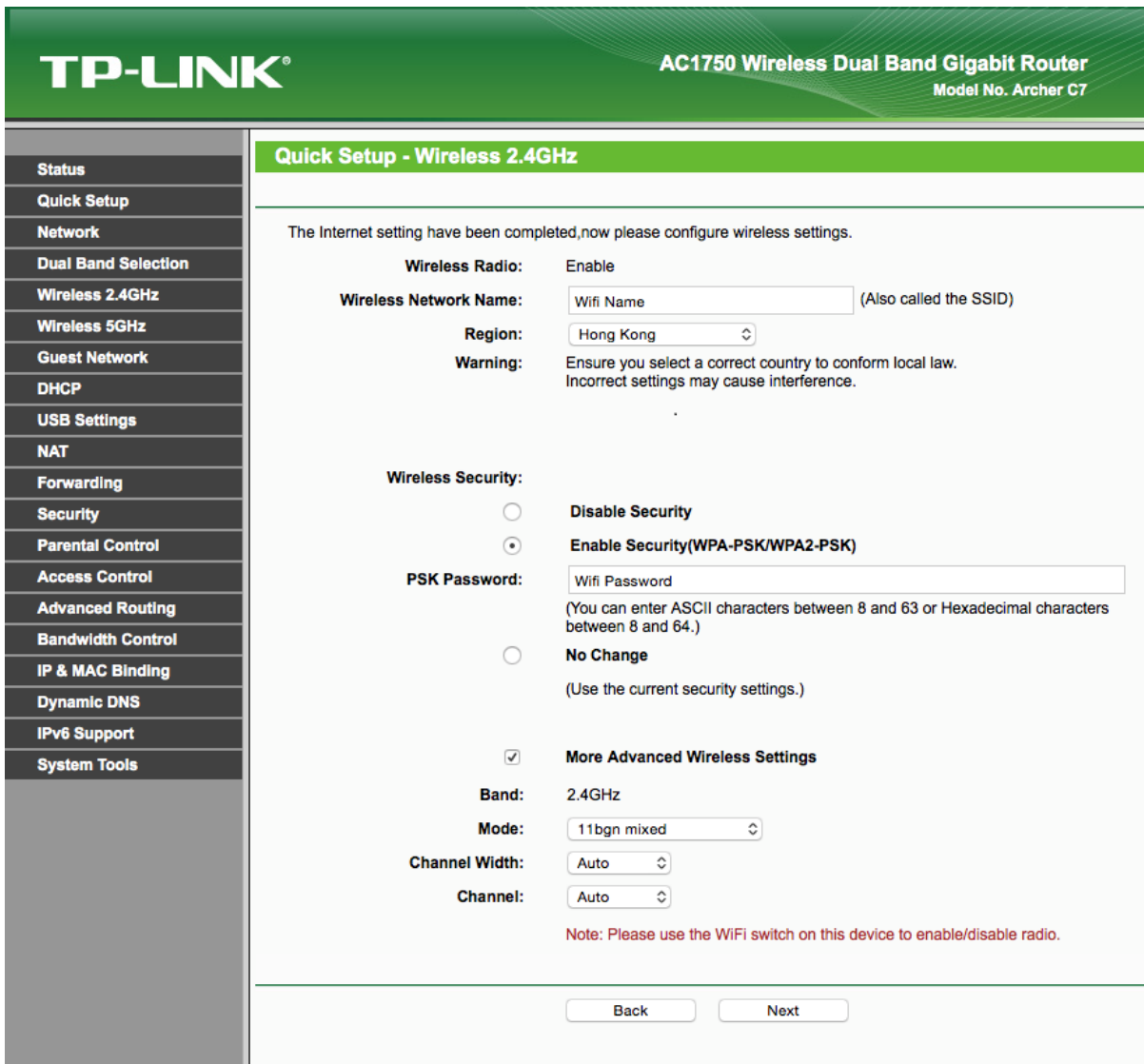
The screenshot shows the "Quick Setup - Wireless Dual Band Selection" screen in the TP-LINK Archer C7 web interface. The top header is green with the TP-LINK logo and the text "AC1750 Wireless Dual Band Gigabit Router Model No. Archer C7". The left navigation menu is the same as the previous screen, but it includes an additional option, "Forwarding", below "NAT". The main content area is titled "Quick Setup - Wireless Dual Band Selection" and contains the text: "The internet setting is finished, please choose the wireless band of the router:". Below this are three radio button options:
 

- ☒ Concurrently with 2.4GHz and 5GHz (802.11a/b/g/n/ac)
- ☐ Only work in 2.4GHz (802.11b/g/n)
- ☐ Only work in 5GHz (802.11a/n/ac)

 Below the options is a note: "You can also use the Wi-Fi On/Off button on the back panel to completely switch on/off the wireless radio." At the bottom are two buttons: "Back" and "Next".

## 2 Connecting to TP-LINK Router

Create a [Wireless Network Name] (SSID) for **2.4GHz network**, choose [Hong Kong] under [Region]. Under [Wireless Security] choose [Enable Security (WPA-PSK/ WPA2-PSK)] and create a [PSK Password], click [Next] to finish.



**TP-LINK®** AC1750 Wireless Dual Band Gigabit Router  
Model No. Archer C7

### Quick Setup - Wireless 2.4GHz

The Internet setting have been completed,now please configure wireless settings.

**Wireless Radio:** Enable

**Wireless Network Name:**  (Also called the SSID)

**Region:**

**Warning:** Ensure you select a correct country to conform local law. Incorrect settings may cause interference.

**Wireless Security:**

☐ Disable Security

☒ Enable Security(WPA-PSK/WPA2-PSK)

**PSK Password:**

(You can enter ASCII characters between 8 and 63 or Hexadecimal characters between 8 and 64.)

☐ No Change

(Use the current security settings.)

☒ **More Advanced Wireless Settings**

**Band:** 2.4GHz

**Mode:**

**Channel Width:**

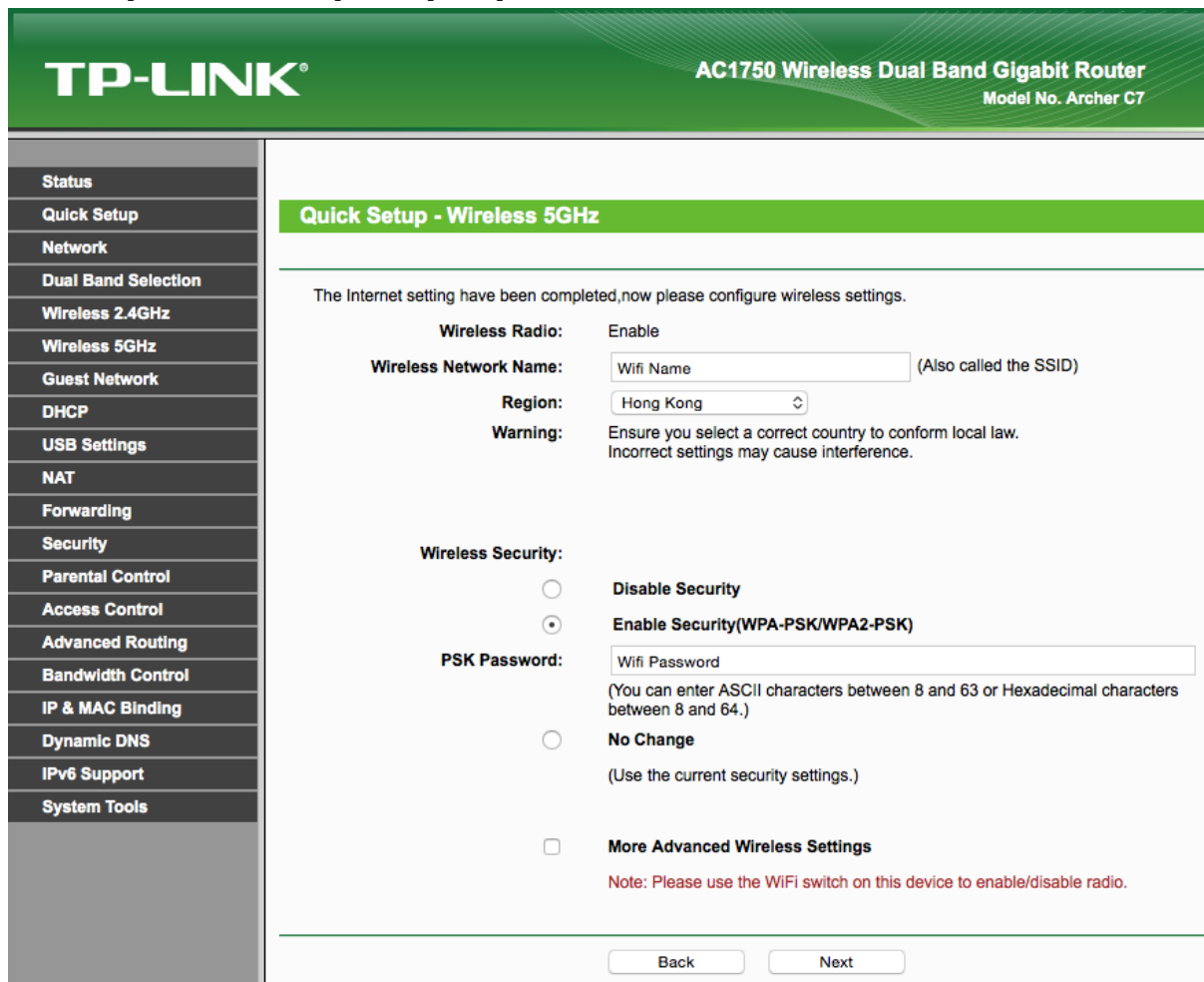
**Channel:**

Note: Please use the WiFi switch on this device to enable/disable radio.

a.

## 2 Connecting to TP-LINK Router

Create a [Wireless Network Name] (SSID) for **5GHz network**, choose [Hong Kong] under [Region]. Under [Wireless Security] choose [Enable Security (WPA-PSK/ WPA2-PSK)] and create a [PSK Password], click [Next] to finish.



**TP-LINK®** AC1750 Wireless Dual Band Gigabit Router  
Model No. Archer C7

**Quick Setup - Wireless 5GHz**

The Internet setting have been completed,now please configure wireless settings.

**Wireless Radio:** Enable

**Wireless Network Name:**  (Also called the SSID)

**Region:**

**Warning:** Ensure you select a correct country to conform local law. Incorrect settings may cause interference.

**Wireless Security:**

☐ Disable Security

☒ Enable Security(WPA-PSK/WPA2-PSK)

**PSK Password:**   
(You can enter ASCII characters between 8 and 63 or Hexadecimal characters between 8 and 64.)

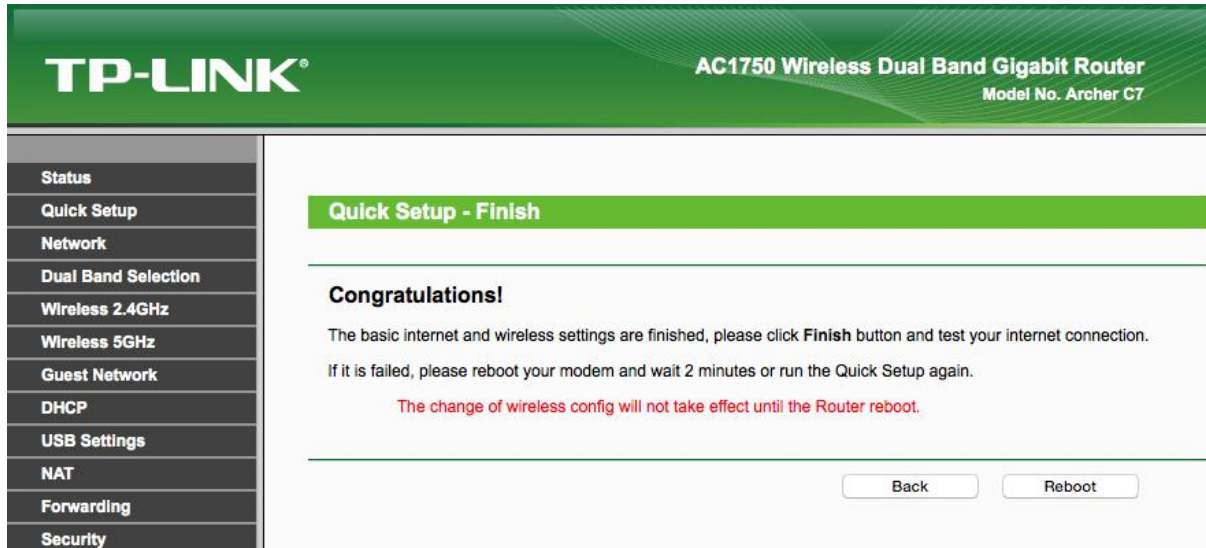
☐ No Change  
(Use the current security settings.)

☐ More Advanced Wireless Settings

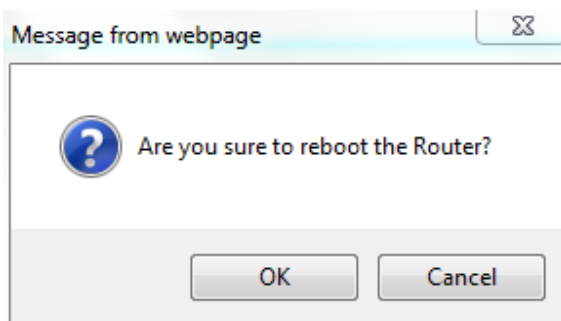
Note: Please use the WiFi switch on this device to enable/disable radio.

## 2 Connecting to TP-LINK Router

Click [Reboot] to complete Quick Setup.



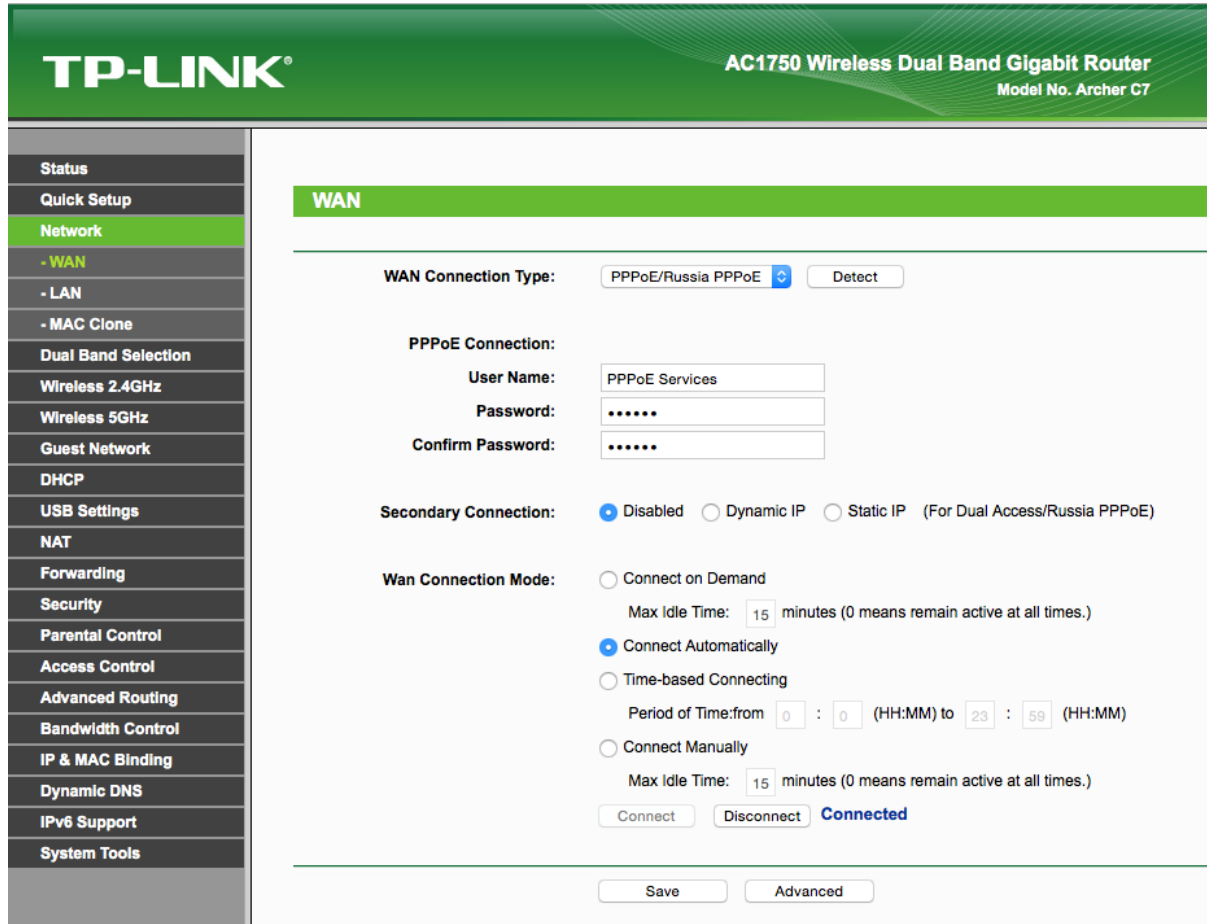
A pop-up window will appear, click [OK] to confirm reboot.





# 3 Switching your broadband Internet service to HKBN

Login to the router setting page, select [WAN] under [Network].



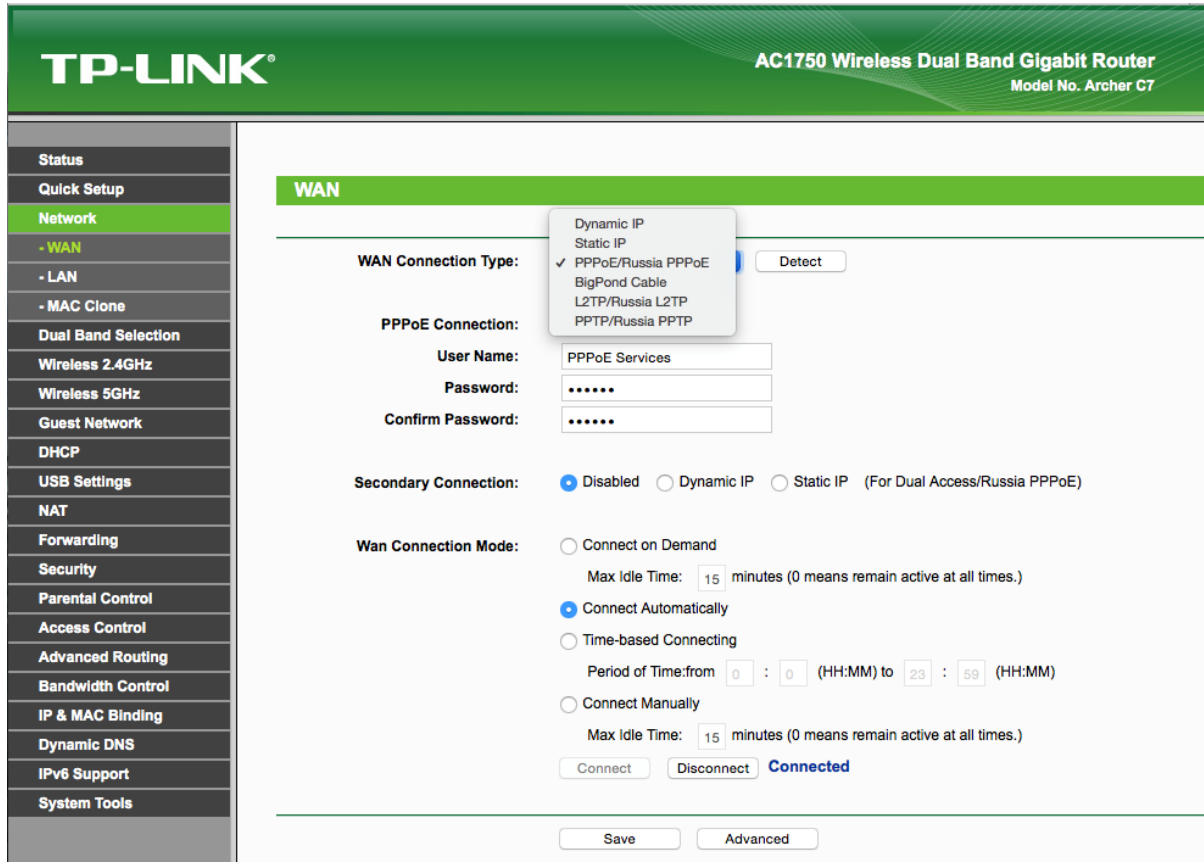
The image shows the TP-LINK Archer C7 router's web interface, specifically the WAN settings page. The left sidebar contains a menu with options like Status, Quick Setup, Network, WAN, LAN, MAC Clone, Dual Band Selection, Wireless 2.4GHz, Wireless 5GHz, Guest Network, DHCP, USB Settings, NAT, Forwarding, Security, Parental Control, Access Control, Advanced Routing, Bandwidth Control, IP & MAC Binding, Dynamic DNS, IPv6 Support, and System Tools. The main content area is titled 'WAN' and includes the following settings:

- WAN Connection Type:** A dropdown menu set to 'PPPoE/Russia PPPoE' with a 'Detect' button next to it.
- PPPoE Connection:**
  - User Name:** A text box containing 'PPPoE Services'.
  - Password:** A text box with masked characters '\*\*\*\*\*'.
  - Confirm Password:** A text box with masked characters '\*\*\*\*\*'.
- Secondary Connection:** Radio buttons for 'Disabled' (selected), 'Dynamic IP', and 'Static IP' (For Dual Access/Russia PPPoE).
- Wan Connection Mode:**
  - Connect on Demand:** Includes a 'Max Idle Time' of 15 minutes.
  - Connect Automatically:** The selected option.
  - Time-based Connecting:** Includes a 'Period of Time' from 00:00 (HH:MM) to 23:59 (HH:MM).
  - Connect Manually:** Includes a 'Max Idle Time' of 15 minutes.

At the bottom of the settings area, there are 'Connect', 'Disconnect', and 'Connected' buttons. Below the main settings area, there are 'Save' and 'Advanced' buttons.

# 3 Switching your broadband Internet service to HKBN

Choose [Dynamic IP] under [WAN Connection Type] then click [Save].



The image shows the WAN settings page of a TP-LINK AC1750 Wireless Dual Band Gigabit Router (Model No. Archer C7). The left sidebar contains a menu with options: Status, Quick Setup, Network (selected), WAN (selected), LAN, MAC Clone, Dual Band Selection, Wireless 2.4GHz, Wireless 5GHz, Guest Network, DHCP, USB Settings, NAT, Forwarding, Security, Parental Control, Access Control, Advanced Routing, Bandwidth Control, IP & MAC Binding, Dynamic DNS, IPv6 Support, and System Tools. The main content area is titled 'WAN' and includes the following settings:

- WAN Connection Type:** A dropdown menu is open, showing options: Dynamic IP, Static IP, ☒ PPPoE/Russia PPPoE, BigPond Cable, L2TP/Russia L2TP, and PPTP/Russia PPTP. A 'Detect' button is next to it.
- PPPoE Connection:**
  - User Name:** PPPoE Services
  - Password:** [Redacted]
  - Confirm Password:** [Redacted]
- Secondary Connection:** ☒ Disabled, ☐ Dynamic IP, ☐ Static IP (For Dual Access/Russia PPPoE)
- Wan Connection Mode:**
  - ☐ Connect on Demand
    - Max Idle Time: 15 minutes (0 means remain active at all times.)
  - ☒ Connect Automatically
  - ☐ Time-based Connecting
    - Period of Time: from 0 : 0 (HH:MM) to 23 : 59 (HH:MM)
  - ☐ Connect Manually
    - Max Idle Time: 15 minutes (0 means remain active at all times.)

At the bottom, there are 'Connect', 'Disconnect', and 'Connected' buttons, followed by 'Save' and 'Advanced' buttons.

# 3 Switching your broadband Internet service to HKBN

Once returned to [Status] page, the IPv4 address will display in [IP address] under [WAN] and [Dynamic IP] will display at the right.

TP-LINK®

AC1750 Wireless Dual Band Gigabit Router  
Model No. Archer C7

<div style="background-color: #008000; color: white; text-align: center; padding: 2px;">Status</div> <div style="background-color: #cccccc; text-align: center; padding: 2px;">Quick Setup</div> <div style="background-color: #cccccc; text-align: center; padding: 2px;">Network</div> <div style="background-color: #cccccc; text-align: center; padding: 2px;">Dual Band Selection</div> <div style="background-color: #cccccc; text-align: center; padding: 2px;">Wireless 2.4GHz</div> <div style="background-color: #cccccc; text-align: center; padding: 2px;">Wireless 5GHz</div> <div style="background-color: #cccccc; text-align: center; padding: 2px;">Guest Network</div> <div style="background-color: #cccccc; text-align: center; padding: 2px;">DHCP</div> <div style="background-color: #cccccc; text-align: center; padding: 2px;">USB Settings</div> <div style="background-color: #cccccc; text-align: center; padding: 2px;">NAT</div> <div style="background-color: #cccccc; text-align: center; padding: 2px;">Forwarding</div> <div style="background-color: #cccccc; text-align: center; padding: 2px;">Security</div> <div style="background-color: #cccccc; text-align: center; padding: 2px;">Parental Control</div> <div style="background-color: #cccccc; text-align: center; padding: 2px;">Access Control</div> <div style="background-color: #cccccc; text-align: center; padding: 2px;">Advanced Routing</div> <div style="background-color: #cccccc; text-align: center; padding: 2px;">Bandwidth Control</div> <div style="background-color: #cccccc; text-align: center; padding: 2px;">IP &amp; MAC Binding</div> <div style="background-color: #cccccc; text-align: center; padding: 2px;">Dynamic DNS</div> <div style="background-color: #cccccc; text-align: center; padding: 2px;">IPv6 Support</div> <div style="background-color: #cccccc; text-align: center; padding: 2px;">System Tools</div>	<div style="border-bottom: 1px solid #ccc; padding-bottom: 10px;"> <h3 style="margin: 0;">Wireless 2.4GHz</h3> <table style="width: 100%;"> <tr><td style="width: 30%;">Wireless Radio:</td><td>Enable</td></tr> <tr><td>Name (SSID):</td><td>New Wifi Name</td></tr> <tr><td>Mode:</td><td>11bgn mixed</td></tr> <tr><td>Channel:</td><td>Auto (Current channel 6)</td></tr> <tr><td>Channel Width:</td><td>Automatic</td></tr> <tr><td>MAC Address:</td><td>30-B5-C2-FB-4A-7D</td></tr> <tr><td>WDS Status:</td><td>Disable</td></tr> </table> </div> <div style="border-bottom: 1px solid #ccc; padding-bottom: 10px;"> <h3 style="margin: 0;">Wireless 5GHz</h3> <table style="width: 100%;"> <tr><td style="width: 30%;">Wireless Radio:</td><td>Enable</td></tr> <tr><td>Name (SSID):</td><td>New Wifi Name</td></tr> <tr><td>Mode:</td><td>11a/n/ac mixed</td></tr> <tr><td>Channel:</td><td>Auto (Current channel 36)</td></tr> <tr><td>Channel Width:</td><td>Automatic</td></tr> <tr><td>MAC Address:</td><td>30-B5-C2-FB-4A-7C</td></tr> <tr><td>WDS Status:</td><td>Disable</td></tr> </table> </div> <div style="padding-top: 10px;"> <h3 style="margin: 0;">WAN</h3> <table style="width: 100%;"> <tr><td style="width: 30%;">MAC Address:</td><td>30-B5-C2-FB-4A-7F</td><td></td></tr> <tr><td>IP Address:</td><td>61.238.18.225</td><td>Dynamic IP</td></tr> <tr><td>Subnet Mask:</td><td>255.255.254.0</td><td></td></tr> <tr><td>Default Gateway:</td><td>61.238.18.1</td><td><input type="button" value="Release"/></td></tr> <tr><td>DNS Server:</td><td colspan="2">203.185.0.37 , 203.185.0.36</td></tr> </table> </div>	Wireless Radio:	Enable	Name (SSID):	New Wifi Name	Mode:	11bgn mixed	Channel:	Auto (Current channel 6)	Channel Width:	Automatic	MAC Address:	30-B5-C2-FB-4A-7D	WDS Status:	Disable	Wireless Radio:	Enable	Name (SSID):	New Wifi Name	Mode:	11a/n/ac mixed	Channel:	Auto (Current channel 36)	Channel Width:	Automatic	MAC Address:	30-B5-C2-FB-4A-7C	WDS Status:	Disable	MAC Address:	30-B5-C2-FB-4A-7F		IP Address:	61.238.18.225	Dynamic IP	Subnet Mask:	255.255.254.0		Default Gateway:	61.238.18.1	<input type="button" value="Release"/>	DNS Server:	203.185.0.37 , 203.185.0.36	
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## 4 Factory default reset of TP-LINK Router

If the device is not accessible from the router setting page, you can reset to the factory default setting by pressing the reset button:

1. Confirm your TP-LINK router is switched on.
2. Press and hold the [Reset] button with a sharp object for 8 seconds until the System LED change from slow-flash to quick-flash, then release the [Reset] button and wait for the router to reboot to its factory default settings.
3. Default Setting:

Username / Password	IP Address
admin / admin	192.168.0.1

The WPS/Reset Button is located at the right side of Ethernet Ports.

