

# TP-Link TD-W8960N Modem Setup Guide (ADSL)

## Bigpipe Modem Setup Guide for TP-Link TD-W8960N 300M Wireless N All-In-One Modem Router (ADSL)

*Make sure you follow this guide **exactly**. If something goes wrong, there is a "Reset" button on the back side of the router. Use a pin or paperclip to hold this down for 30 seconds, which will reset to factory settings. Once you've done that, you can start the guide again.*

**You'll need this stuff, which should be packaged with the modem:**

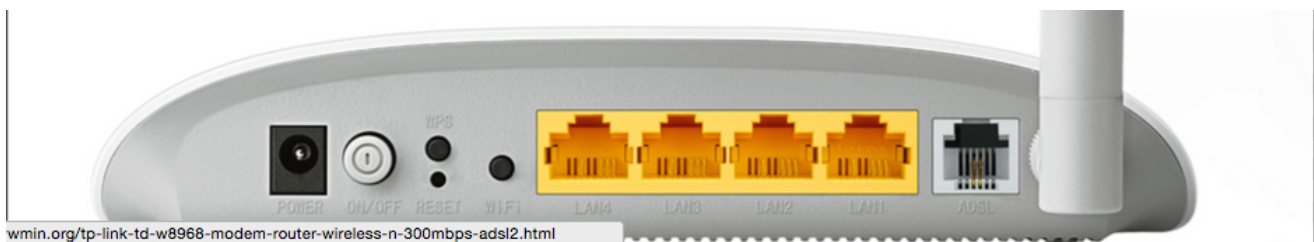
**Figure 1.** ADSL splitter. Plug it into your phone line port. (Note: you won't need this if your home has a DSL port installed.)



**Figure 2.** DSL cable



**Figure 3.** The modem's backside



**Figure 4.** LAN cable (also called Ethernet cable)



**Please follow these instructions to set up your TP-Link TD-W8950N for Bigpipe's ADSL plan.**

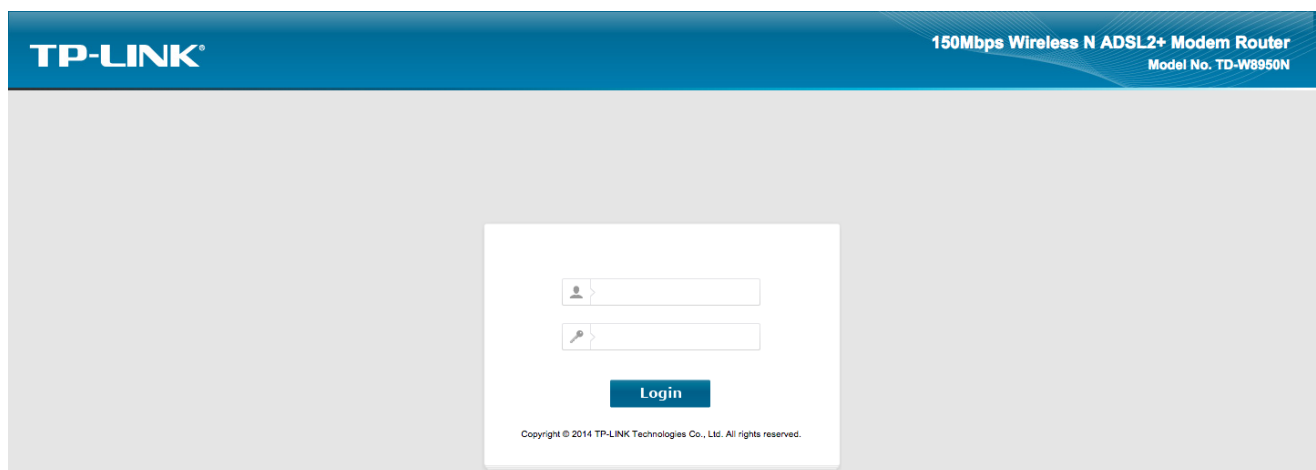
- Plug in the power cable, turn the modem with the power switch on the back, and plug the DSL cable (see figure 1) into your splitter (see figure 2 – although some homes have a DSL wall jack. If so, ignore the splitter and connect the DSL cable straight into that.)
- Connect the other end into the white ADSL port on the back of the modem (see figure 3),
- Connect the white ethernet cable (see figure 4) into the yellow LAN1 port on the back of the modem and the other end of the ethernet cable into your computer's LAN / Ethernet port.

**Important: If your computer does not have a LAN port, connect to the WiFi network with a name beginning with "TP-Link" and enter the Wireless Password/PIN as printed on the bottom of the router. (See example below)**



After that, continue with the below instructions.

– Please open a web browser like Google Chrome, Firefox or Internet Explorer. Any will do. Once you have, type 192.168.1.1 into the address bar and press the Enter key. You will then see the below screen.



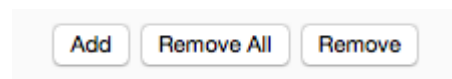
-Please enter **admin** for the username and **admin** for the password and then press Enter.

## Step 3

-Select Wan Service (under Advanced Setup) from the menu on the left.



-Click on the Remove All button



-Click Advanced Setup, then select “Layer2 Interface”

-Click “Add”

Make sure your settings match the below image

# ATM PVC Configuration

This screen allows you to configure an ATM PVC identifier (VPI and VCI), select DSL latency, select a service category, selecting the checkbox to enable it.

VPI: [0-255]

VCI: [32-65535]

Select DSL Link Type (EoA is for PPPoE, IPoE, and Bridge.)

☐ EoA

☒ PPPoA

☐ IPoA

Encapsulation Mode:

Service Category:

Select IP QoS Scheduler Algorithm

☒ Weighted Round Robin

☐ Weighted Fair Queuing

Weight Value of the default queue: [1-63]

MPAAL Group Precedence:

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Save/Apply

– Click Save/Apply

In the left-hand menu, under Advanced Setup, select WAN Service

– Select the interface Next.

Layer2 Interface:

and click

-Click Next.

## WAN Service Configuration

Enter Service Description:

pppoa\_0\_0\_100

Network Protocol Selection:

IPv4 Only



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Next

-Change your PPP username and password to anything you like (excluding special characters or blank spaces) – for example Bigpipe / [Your Password] – and click Next.

## PPP Username and Password

PPP usually requires that you have a user name and password to establish your connection. In the boxes below, enter the user name and password that your ISP has provided to you.

PPP Username:

Bigpipe

PPP Password:

••••••

Authentication Method:

AUTO



MTU (bytes):

1480

(The default is 1480, do not change unless necessary.)

- ☐ Enable Fullcone NAT
- ☐ Dial on demand (with idle timeout timer)
- ☐ Use Static IPv4 Address
- ☐ Enable PPP Debug Mode

Multicast Proxy



Enable IGMP Multicast Proxy

Back

Next

-Click, Next

-Click, Next

-Click Save/Apply

Great – if everything's been done right, you can now connect to the internet ☐

Keep reading for instructions on how to setup your WiFi.

## Wifi Setup

-To set up your WiFi please click on Wireless.



-Change the Wireless Network Name to what you would like your WiFi name to be, and select New Zealand for the country. Click Save/Apply.

**Important:** If you're connected via WiFi, clicking Save/Apply will kick you off the WiFi network. Don't worry! Simply connect to the new network name you've just created and use the password printed on the bottom of your router (As in the picture in Step 1.) Once you have reconnected, you can change your password in the next step.

## WiFi password

*This step is optional – if you want, you can continue using the WiFi Password/PIN printed on the bottom of the router – but we do recommend changing your password for greater security.*



## Wireless -- Basic

This page allows you to configure basic features of the wireless LAN interface. You can enable or disable the wireless LAN interface, hide the network from active scans, set the wireless network name (also known as SSID) and restrict the channel set based on country requirements. Click "Save/Apply" to configure the basic wireless options.

<input checked="" type="checkbox"/>	Enable Wireless
<input type="checkbox"/>	Hide SSID Broadcast
<input type="checkbox"/>	Clients Isolation
Wireless Network Name:	<input type="text" value="Bigpipe"/> (Also called SSID)
BSSID:	C4:E9:84:78:36:44
Country:	<input type="text" value="NEW ZEALAND"/>

-Click on Security, under the Wireless menu.



-If it's not already selected, select "WPA-Personal (Better/Recommended)" from the "Network Authentication" menu.

-In the field next to Wireless Network Key, type in the password you would like for your WiFi then click on the Click Here To Display button to make sure it is correct.

## Manual Setup AP

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.

You can set the network authentication method, selecting data encryption, specify whether a network key is required to authenticate to this wireless network and specify the encryption strength.

**Warning: we suggest you not to set WEP encryption to "Enabled" when the device runs in 11n mode. The device's wireless highest speed is 54Mbps in that encryption type.**

Tips: 11n only mode are not supported when WEP encryption is "Enabled" or WPA Encryption type is "TKIP".

Tips: "WPA Encryption" are not allowed to set to "TKIP" when the device runs in 11n mode.

Click "Save/Apply" when done.

Network Authentication:	<input type="text" value="WPA2-Personal (best/recommended)"/>
Wireless Network Key:	<input type="password" value="••••••"/> (Also called WPA Pre-Shared Key) <a href="#">Click here to display</a> (You can enter ASCII characters between 8 and 63 characters or 8 to 64 Hexadecimal characters.)
WPA Group Rekey Interval:	<input type="text" value="0"/> (optional)
WPA Encryption:	<input type="text" value="AES"/>
WEP Encryption:	<input type="text" value="Disabled"/>

Save/Apply

Click Save/Apply. If you are connected to the router via LAN/Ethernet cable, remove the ethernet cable from your computer and connect via WiFi.

**Important:** If you are already connected via WiFi, you will have been disconnected. Don't worry! Just select the network name and connect again using the password you just created.

Happy internetting!

**Disclaimer:** Our modem guides are just for setting up your Bigpipe connection with these specific models of modem. If something goes wrong during setup we recommend doing a factory reset of your modem and – if necessary – [getting in touch with the Bigpipe support team](#). These guides don't cover everything your modem can do. If you want to get more in-depth, we recommend starting with Googling your modem model number.