



## YOUR CO-OP BROADBAND HELP & SUPPORT CONNECTING YOUR ROUTER

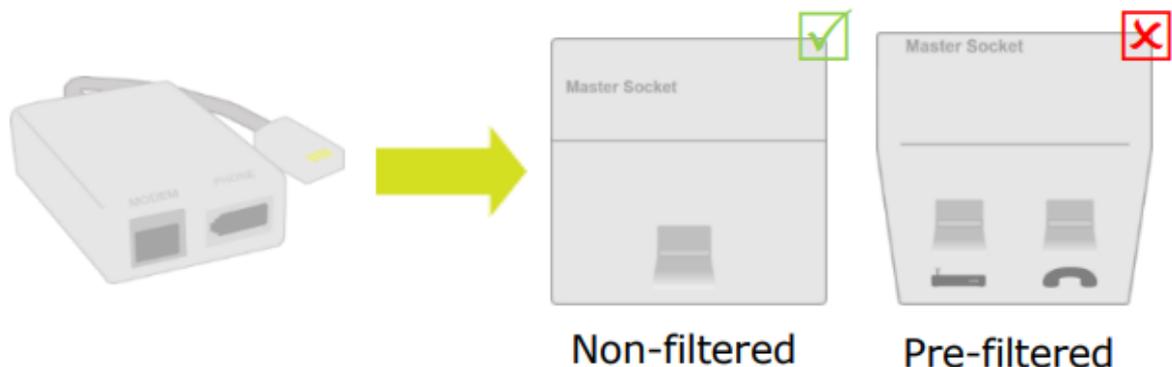
### Getting started

- Find a suitable and secure location for the router where it will not be disturbed during operation.
- For maximum signal strength elevate the router and avoid placing near sources of electrical or physical interference.
- The power cable should be able to reach a power supply socket, and the router must have enough open space around it for ventilation.
- The cables should be able to reach both the NTE/ ONT and any peripheral devices/ network connections to be accessed by ethernet.



### Step One

If setting up ADSL/ FTTC/ SOGEA broadband, ensure that your master socket either has a pre-attached DSL filter or attach one. Only attach a DSL filter to a non-filtered socket. Attaching a DSL filter to a pre-filtered socket may interfere with your broadband connection



### Step Two

**Broadband/Superfast:** Plug the **grey DSL/ RJ11 cable** into the **grey router DSL port** and the other end into the router port on your DSL filter (either pre-filtered or using an attached DSL filter). If connecting an analogue phone handset, plug into the phone socket on the DSL filter.

**IP Superfast/SoGEA:** Plug the **grey DSL/ RJ11 cable** into the **grey router DSL port** and the other end into the router port on your DSL filter (either pre-filtered or using an attached DSL filter). If connecting a phone handset, follow the information in **step 4**. **DO NOT** plug any phone handsets into the DSL filter adapter or the face plate at the wall as these will not work and may interfere with your broadband.

**Ultrafast:** Plug an **ethernet cable** into the **WAN port** and the other end into your “Port 1” socket on your ONT. If connecting a phone handset follow the information in **step 4**



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### Step Three (Wired Devices & Voice ATA's)

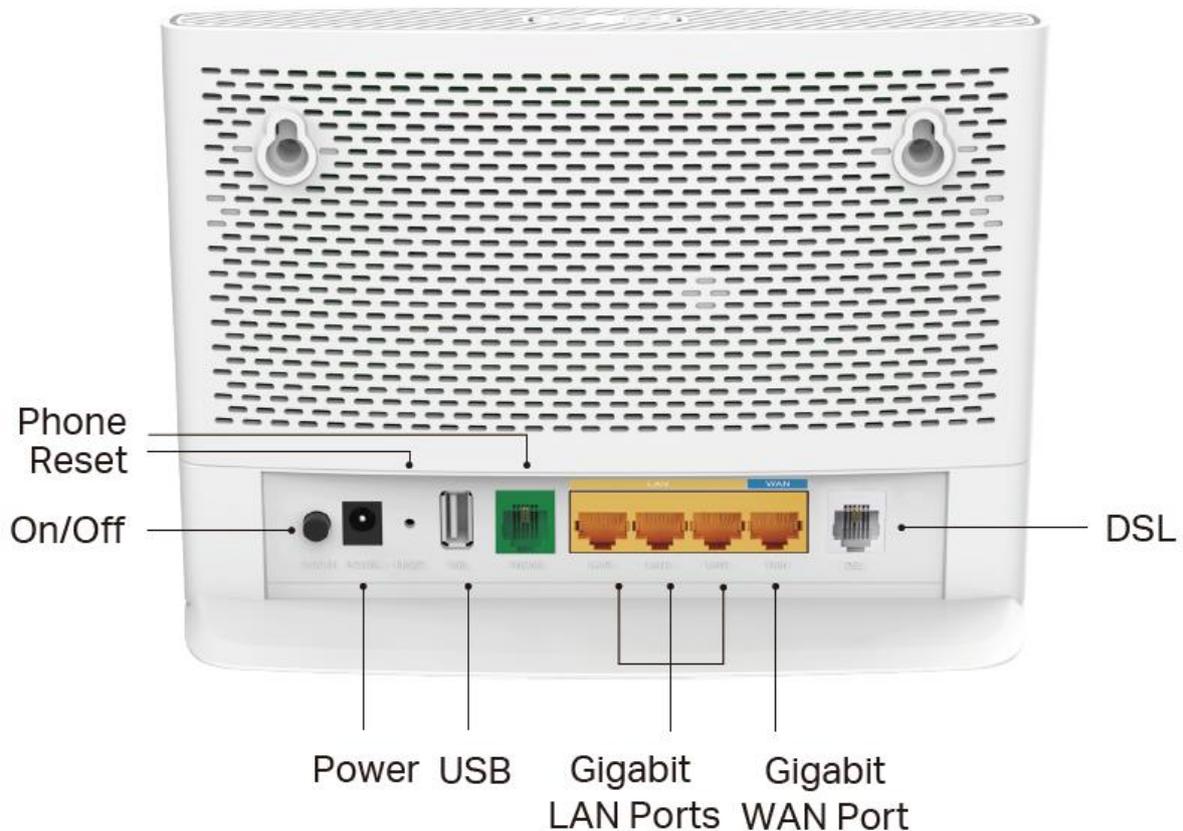
Connecting wired devices: If you wish to connect any devices directly to your LAN router, such as a PC/Laptop, Smart TV or Gaming device, plug one end of the **yellow Ethernet cable** into any of the **yellow LAN ports (1-4)** on the and the other end into your equipment. If you are using a voice ATA; plug one end of the **blue cable** into a spare **yellow LAN port** on the router and the other to the **Blue Internet port** of the ATA. Then plug your phone directly into the ATA's **Green phone port** via the telephone adapter included.

### Step Four (IP Voice Routers only)

**Your IP Voice:** If using a traditional analogue or digital phone with our IP Voice service, plug the **green end of the telephone adapter** (supplied in the box) into the **green 'Phone' port**. Then using a compatible connection cable (supplied with phone) plug the handset/base station into the other end of the telephone adapter

### Step 5

**Power Supply:** Your TP-Link router should come with a power supply provided. Plug the power supply into the router, then plug the mains supply socket in and then switch the mains supply to 'on'. Please see the image below for an overview of the ports on the back of your TP-Link router:





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**Step 6 Turning on the Router**

Press the power button on the back of the router and wait for the lights on the front of the router to stabilise and go green (note: depending on your service, some lights may not illuminate). Please see the image below for a rundown of the symbols on the front of your TP-Link router, and what each of the LEDs mean:



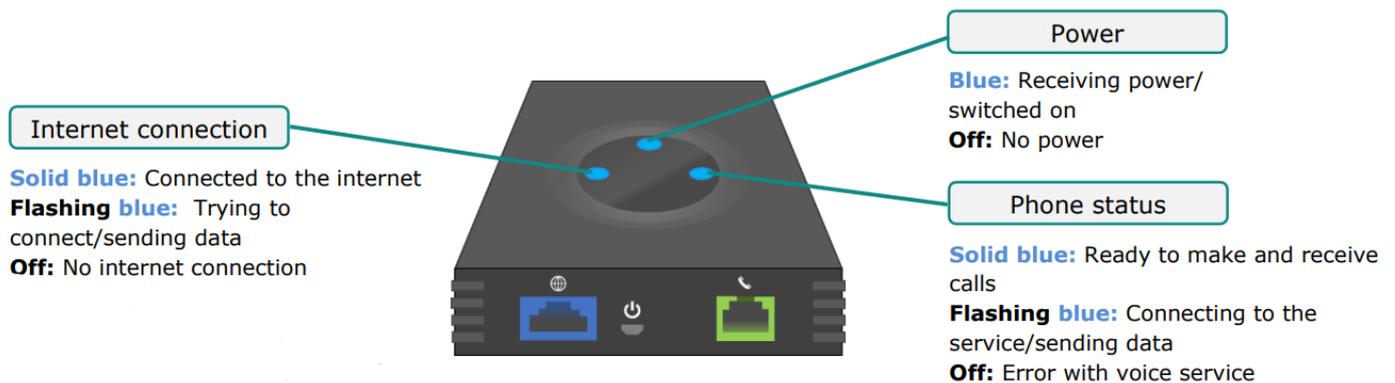
Icon	Name	Status	Meaning
	Power	On	The system has started up successfully.
		Flashing	The system is starting up or firmware is being upgraded. Do not disconnect or power off your modem router.
		Off	Power is off. Please ensure that the power adapter is connected correctly and switched on at the mains.
	DSL	On	DSL synchronization is complete.
		Flashing	DSL synchronization is in progress.
		Off	DSL synchronization failed.
	Internet	On/Flashing	Internet service is available.
		Off	No Internet Connection.
	2.4GHz Wi-Fi	On	The 2.4GHz Wi-Fi radio band is enabled.
		Flashing	The router is transmitting or receiving data via the 2.4GHz band.
		Off	
	5GHz Wi-Fi	On	The 5GHz Wi-Fi radio band is enabled.
		Flashing	The router is transmitting or receiving data via the 5GHz band.
		Off	The 5GHz Wi-Fi radio band is disabled. **Please note there is a Wi-Fi button on the top of the router.
	WAN	On	A device is connected to the WAN port.
		Flashing	The WAN port is sending or receiving data.
		Off	No device is connected to the WAN port.



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	LAN (x3)	On	A device is connected to the LAN port.
		Flashing	The LAN port is sending or receiving data
		Off	No device is connected to the LAN port.
	WPS	On/Off	Turns on when a WPS synchronization is established and automatically turns off about five minutes later.
		Flashing	A wireless device is trying to connect to the network via WPS. This process may take up to 2 minutes. <b>**Please note there is a WPS button on the top of the router.</b>
	USB	On	The USB device is ready to use.
		Flashing	The USB device is being identified, or data is being transferred.
		Off	No USB device is plugged into the USB port.
	Phone	On	The SIP account is registered successfully.
		Flashing Slowly	The phone is on-hook and there are voice messages.
		Flashing Quickly	The phone is ringing.
		Off	No SIP account is registered.

### Step Six (ATA Device)



### Important Information

If you are using our IP Voice, it is important to note that by doing so you are making and receiving your calls using your internet connection. As such, should there be any disruption to power or anything which will cause your router or ATA to go offline, you will lose the ability to make or receive telephone calls including those to Emergency services.

A battery backup unit will protect you from short term loss of power. If you are prone to long-term outages or feel this will not meet your requirements, we suggest ensuring you have access to an alternative method of communication such as a mobile phone.



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### Step Seven Connecting to the TP-Link Router

When configuring your TP-Link router, it is recommended to connect your device directly to the TP-Link modem with the **yellow wired Ethernet cable**. If this is not possible you can connect your device via Wi-Fi.

#### **Ethernet Cable:**

Once the VX230v is connected successfully to mains power you can easily plug the **yellow Ethernet cable** into one of the **yellow LAN ports** on the back of the router; through to the Ethernet port of your computer or laptop. Please note, if using a Macbook or iMac you will need a Thunderbolt to Ethernet adapter to connect via this method

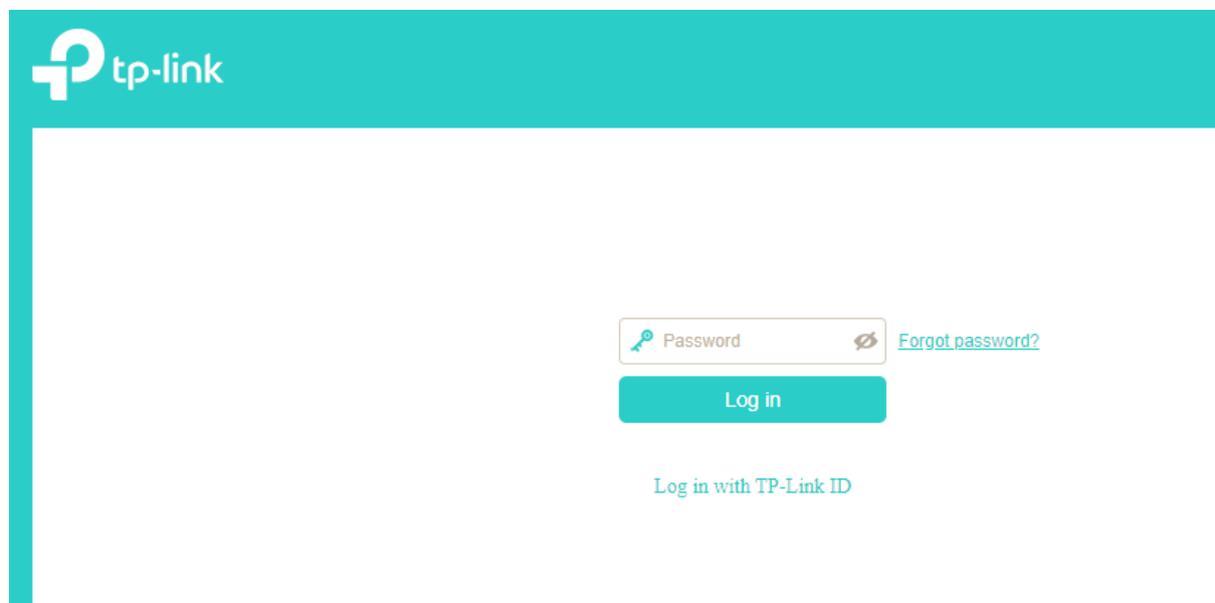
#### **Wi-Fi:**

Using your wireless device (e.g. computer or laptop), search for available wireless networks and select the network called TP-Link\_XXXX (XXXX is a random 4-digit alpha-numeric code assigned to your VX230v). Click on 'Connect' and, when prompted, enter the Security Key. By default, the security key can be found printed on the barcode sticker on the underside of the router itself.

After a few minutes of being powered on; your router and internet connection should be paired up and working successfully and you should be able to browse the internet as normal.

### Step 8 The Router Admin Panel

Once you are connected to the router (Step 7); you are then able to access the router's interface via a web browser. Once you have opened your browser, navigate to the following web address: **<http://192.168.1.1>** – you will be presented with the following log in screen:



In the password box, type in **tp-link1996** and click on the 'Log in' button. You should then be logged in to the router admin interface. We wouldn't advise making changes in here unless advised to by one of our support staff.