



## **SpeedTouch 510 lights and operation**




(V 1.0)

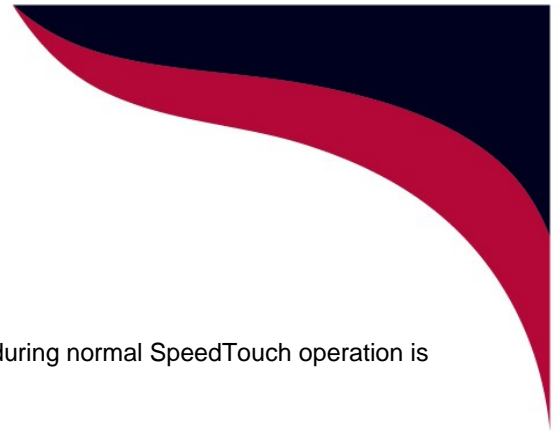


How can I tell when I'm connected?

From a hardware point of view, the DSL LED on the top of the router should be a steady Green or Flashing Amber/Green. This indicates your router is 'in sync' with the exchange.

There are 3 LED's on the top of the Speedtouch 510V4 routers as follows :-

LED Logo	Description
 LED	Power / System
	DSL LED
	LAN LED



LED functionality during  
Normal operation

The functionality of the LEDs during normal SpeedTouch operation is described in the table below:

Indicator			Description
Name	Colour	Status	
Power/System	Off		Power off
	Green	Solid	Power on, normal operation
DSL/WAN	Off		No DSL line
	Amber	Flashing	DSL line synchronization pending.
		Solid	DSL line synchronized
	Green/Amber	Toggling	DSL line synchronized and end-to-end connection pending
	Green	Solid	DSL line synchronized and end-to-end connection active
LAN	Off		No Ethernet link
	Green	Solid	Ethernet link
USB	Off		No USB link
	Green	Solid	USB link

How many machines can I connect to the router?

There are four ports on the 510 router for direct connections, though by using a hub or switch you can add as many computers as you like. If you are using a hub or switch, remember to use the uplink port or attach them with a crossover cable!

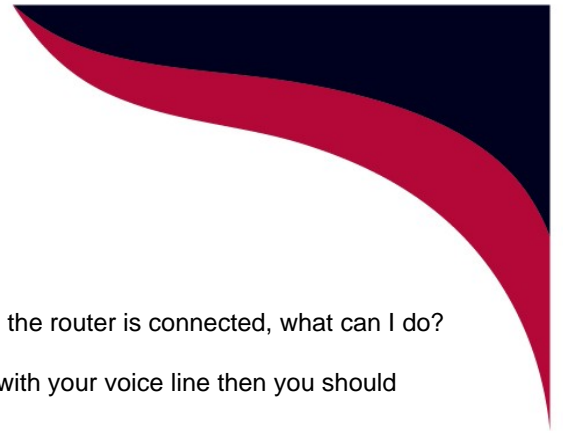
### Power

The power on/off button is located on the SpeedTouch™ front panel:



To turn on the SpeedTouch™: press the button once shortly.

To turn off the SpeedTouch™: press the button until all LEDs turn off.



I'm getting noise on the line or dropped voice calls when the router is connected, what can I do?

If you find that your new ADSL connection is interfering with your voice line then you should check the location and effectiveness of your Micro filters.

There should be no pre-wired phone extensions without Micro filters fitted wherever telephones or other devices are plugged in.

You can test individual micro filters or phone devices by testing them at the BT master socket, this can also help to troubleshoot faulty plug-in extensions. Simply attach one telephone and the ADSL router to a single Micro filter attached to the master socket. Check for line noise and gradually swap out the Micro filter and Phone handsets, testing for noise each time.