



## Packetfront CPS

All Magnet FTTH homes will have a Packetfront CPS (Magnet Switch)  
It is a small white device with 'packetfront' printed on the top. It will be placed in a Magnet enclosure somewhere in your home. The location of this enclosure should be confirmed with you on installation.

The purpose of this device is to

1. Connect back to the Magnet Network in order to provide TV, Broadband and phone services to your home
2. To connect these services to different locations within your home (Ethernet wall ports)

The wall ports provide the services to your laptop/computer, TV Set top box or ATA box (for your Phone) to any activated port in your home





For troubleshooting purposes and for better understanding of how this device works, please see below illustrations and notes.

A simple reboot of this CPS may resolve any service issue you might have.

Power down the device by switching it off and removing the power supply to it.

Wait for 5 minutes and turn the CPS back on. When you do this a green LED will illuminate on the top of the device to confirm that it is receiving power.

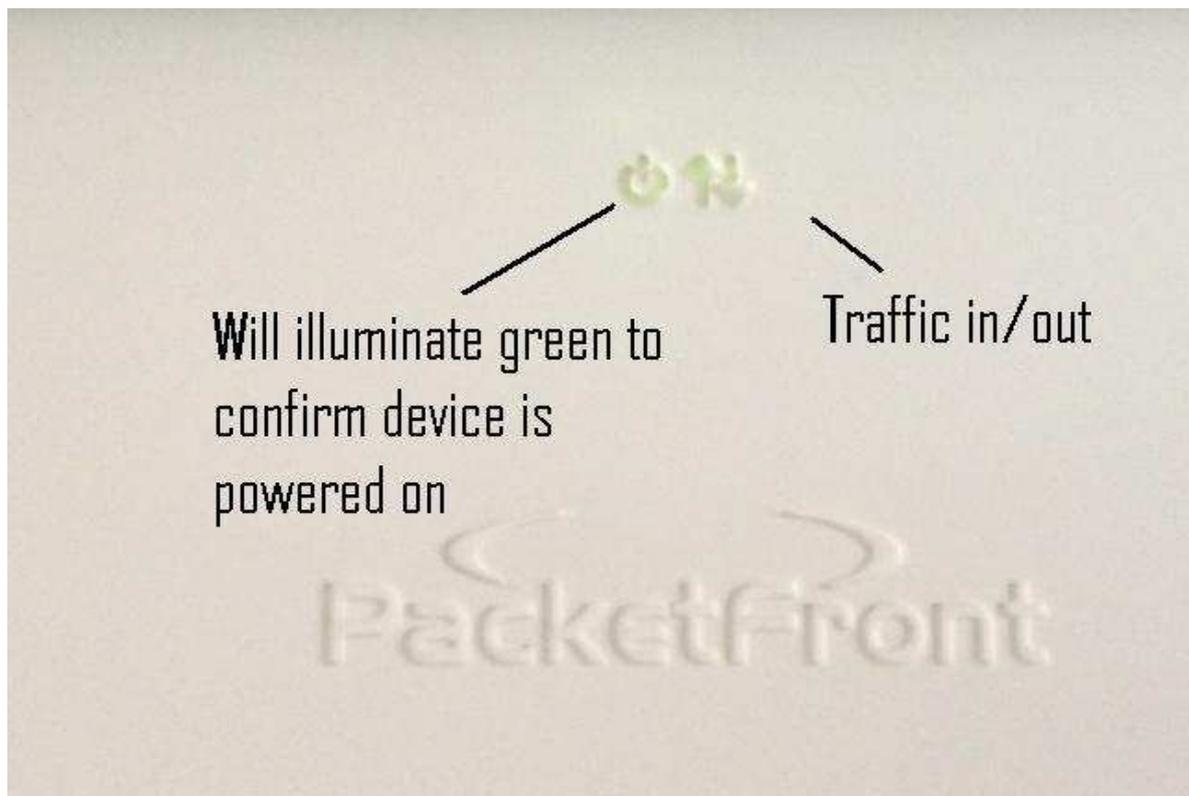
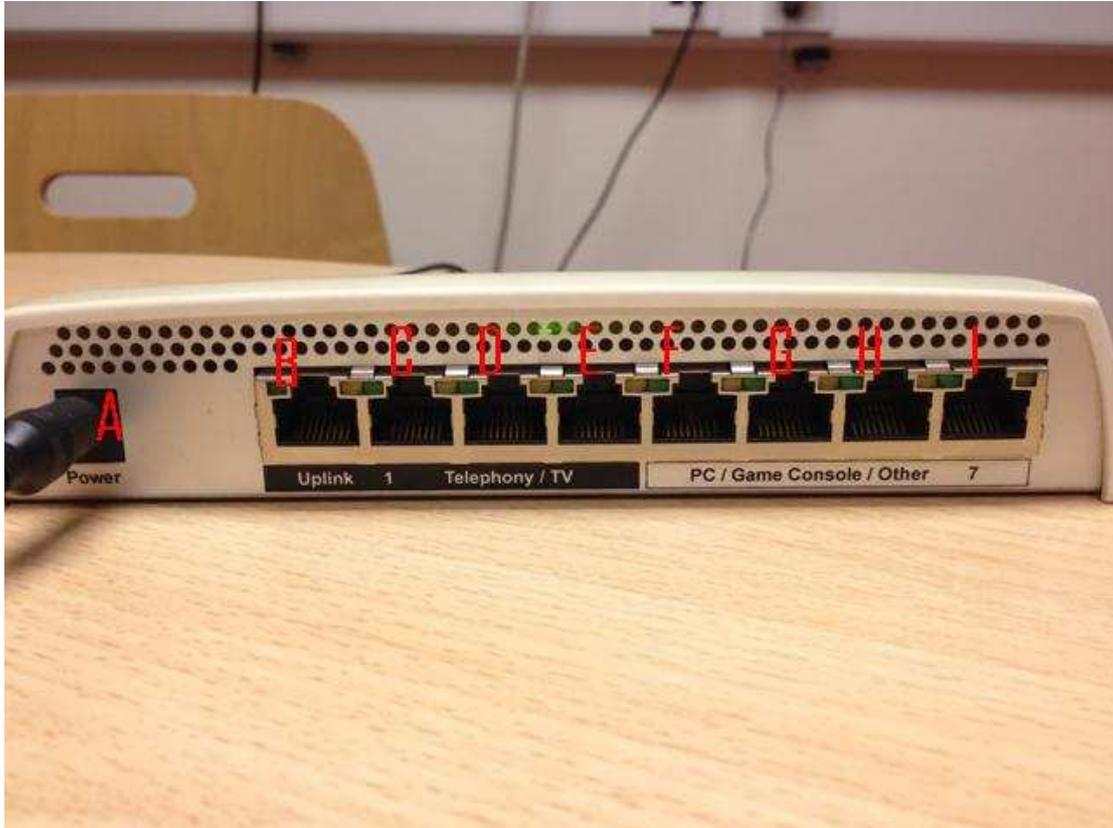


Figure A

## Fibre CPS



### A. Uplink Port - This connects the device to our ASR (network)

There are two types of uplink

1. Fibre CPS (As seen above) – The uplink cable will always be labelled ‘UPLINK’ or it will be a different colour to the rest of the Ethernet cables connected to the CPS and should always be connected to the 1<sup>st</sup> Ethernet port on the device. It can be easily removed and reconnected for troubleshooting purposes
2. Copper CPS (see image ant end of this document)– This will be hard wired in the same location of CPS but NOT connected via Ethernet cable. Often coloured yellow and black – Do not attempt to remove this cable

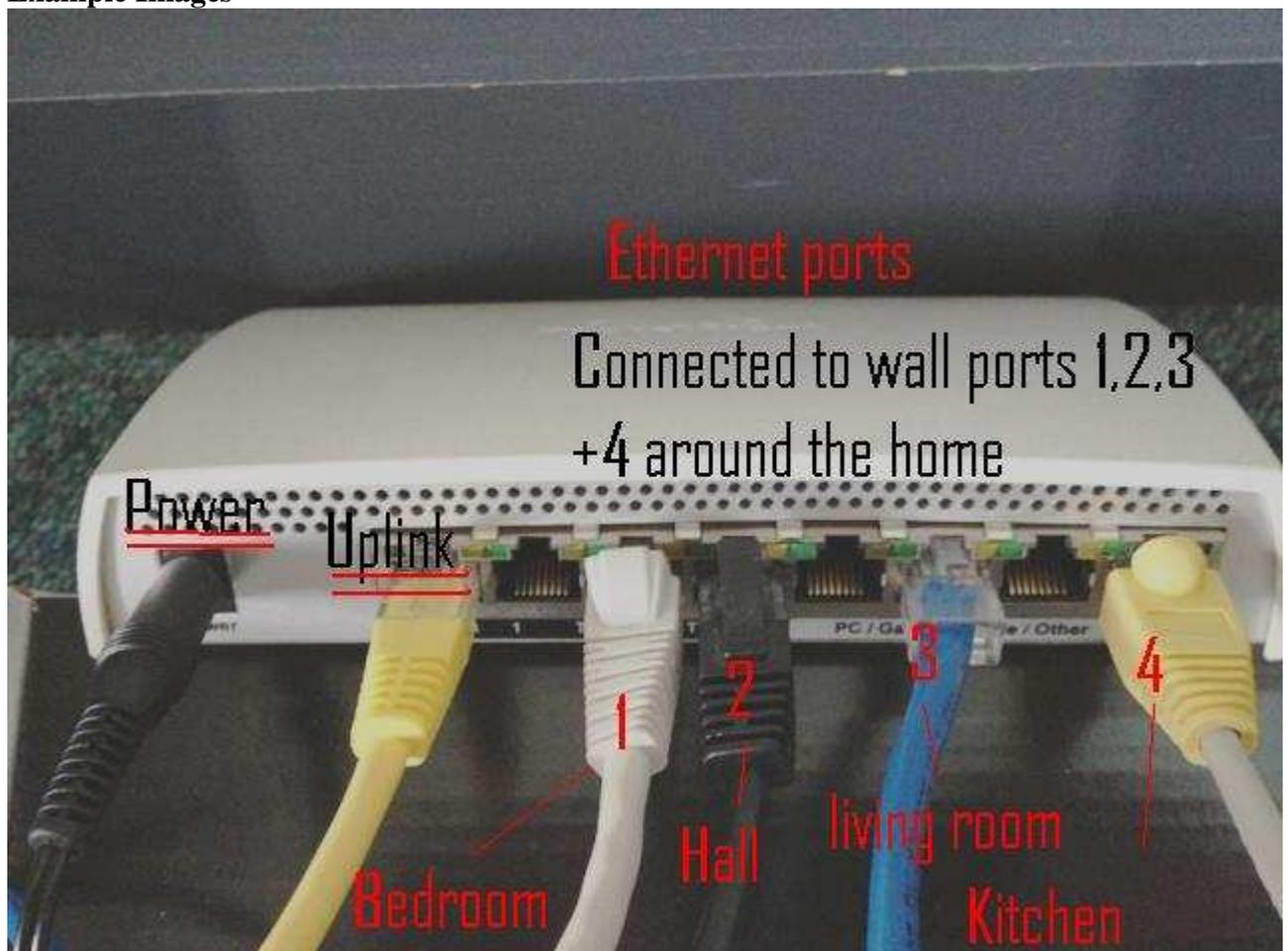


### C – I : Ethernet ports

These ports directly connect to the Ethernet wall ports in your home with an Ethernet cable (the homes were pre wired for this type of service).

So for example, if you have 4 Ethernet wall sockets in your home, there should be 4 Ethernet cables connected to the ports on the CPS. Any of the 7 ports marked here C – I can be used (8 ports on Copper CPS). If you feel a CPS port may be faulty you can confirm this by simply connecting the Ethernet cable into another port

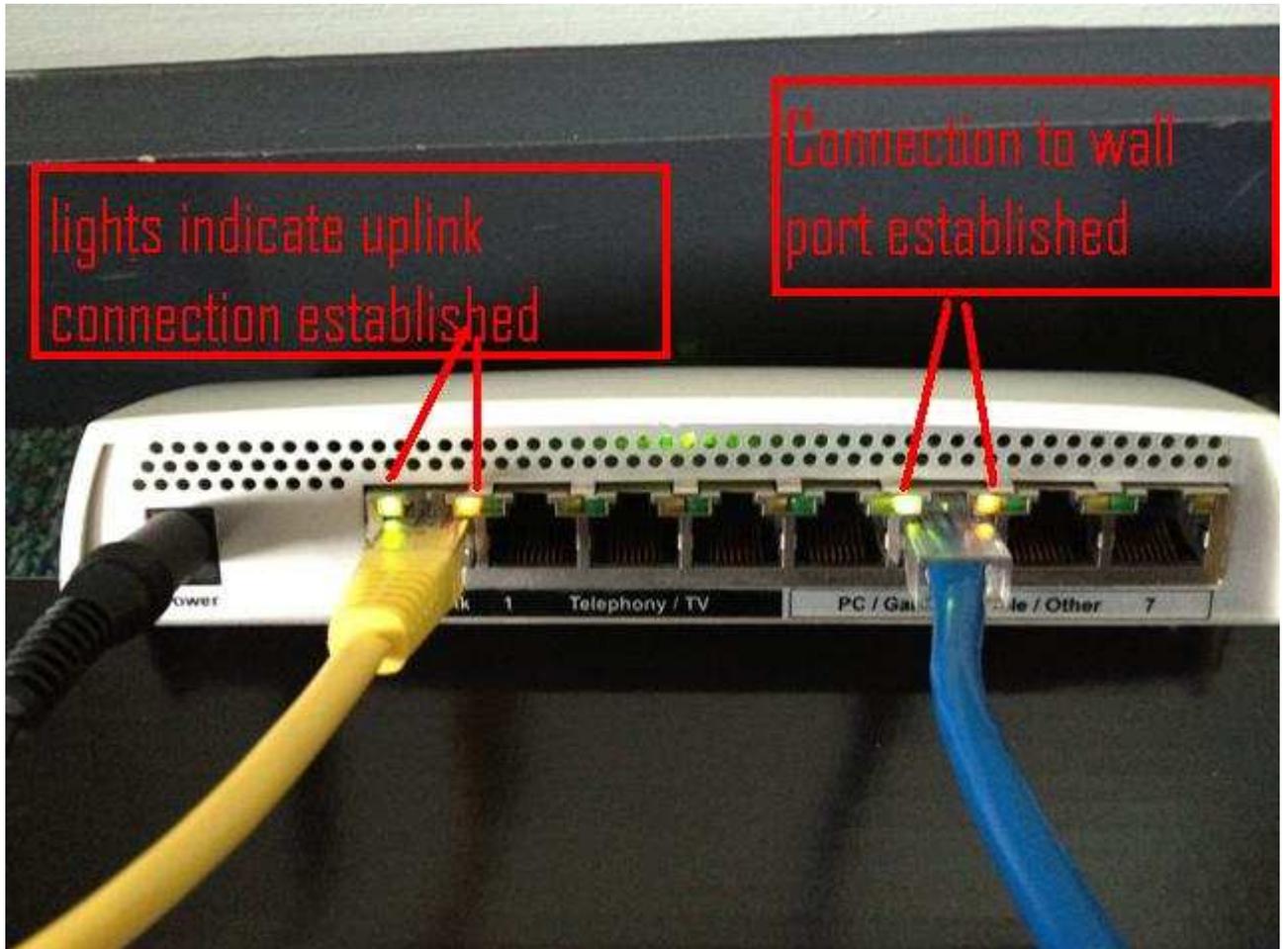
### Example Images



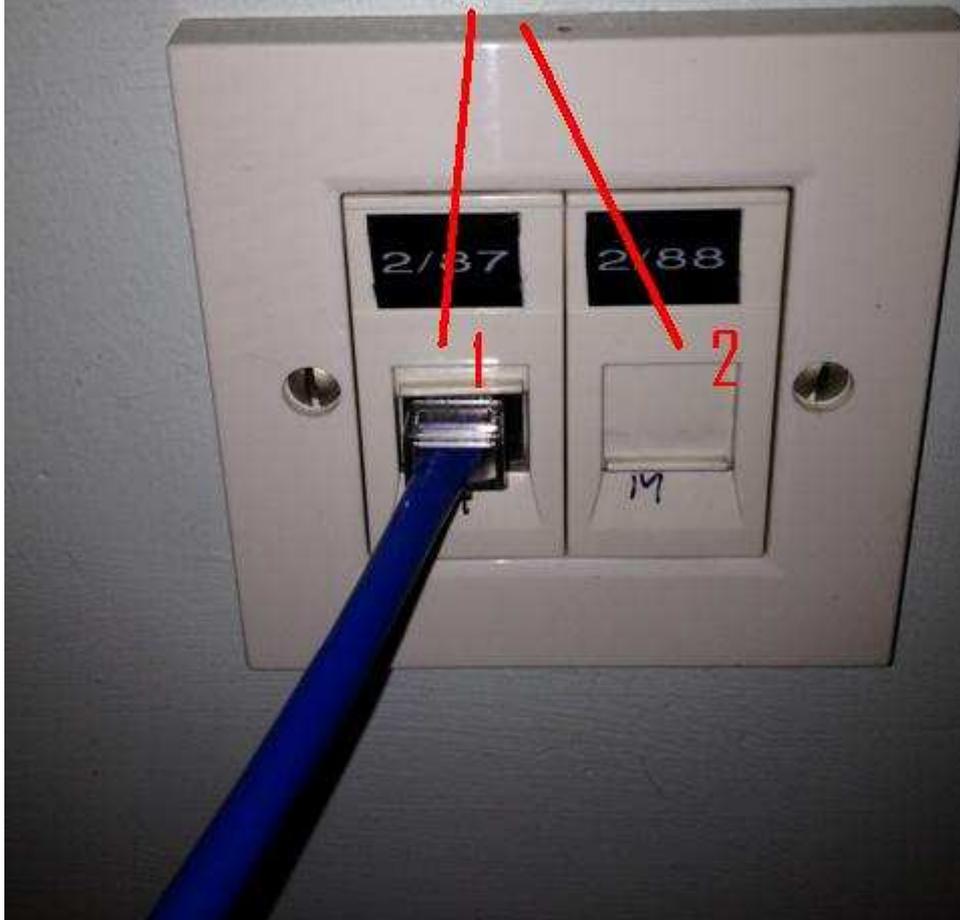
Ethernet cables should not be pulled directly out of a port or pushed in directly. There is an Ethernet Cable Clip on the top of each cable, this should be pressed down when



disconnecting or reconnecting. This will ensure the cable sits correctly into the port and does not damage the port when removing



Example of Ethernet wall ports  
located in your home



**Copper CPS**



**If you have an ATA (Analogue Telephone Adaptor) connected directly to your CPS**

Some customers may have been installed with a an ATA device connected to their CPS in the Magnet enclosure

They are installed this way on customer request if the customer required a dedicated phone socket for their Monitored alarm system.

The Magnet engineer will install an ATA (Cisco Linksys/Vood/Patton) and will dedicate ONE Ethernet wall port in the home for the phone service. In this case a customer can connect their phone directly to the dedicated wall port and then have their alarm engineer connect their service to that port also