

NEXUS Cabling your house.

Cabling your home to be Nexus ready is very simple. By flood wiring your house with CAT5 you can supply every area of your home with audio, video, telephone and data. Your infrastructure will be flexible to changing needs and futureproof.

Where should I locate CAT 5 sockets?

There are some simple rules to enable your house to be "Nexus ready".

1. As a general rule place 4 sockets in each room next to the power sockets. It is best to put these on opposite ends of the room so that you can access all areas of it.
2. Put the hub in a place which is dry, easy to cable to and accessible for 'patching'
3. Place extra RJ45 sockets where you will definitely want more equipment, eg in the living room or office.
4. If your services are not next to the hub, put an extra socket next to any incoming service so you can distribute it back to the hub.

ISDN or ADSL

Master telephone

Terrestrial TV/FM/ digital radio/digital TV

Satellite or Cable TV

How many sockets do you need to be Nexus ready?

1. One for each audio and video output device (eg TV, Hifi speakers)

Speakers and TV

Screen with in built speakers

Multimedia speakers

SCART input on video recorder.

2. One socket for each source device

DVD player,

CD player,

Hifi output,

Camera,

PC audio and video

3. One for each telephone

4. One for each networked PC

Some of your equipment - like a Hifi – will need two sockets, one for its output so that you can hear the CD player around the house, and one for its Aux input.





Where should I put the incoming services?

ISDN - This can be located next to your main computer or at the hub. It is possible to use Category 5 cable to send this around your house.

ADSL - This must be positioned next to your main computer, server or router.

FM/ terrestrial TV/ Satellite/ Cable. - Place these services in the living room/master bedroom as normal and put a CAT5 socket next to each service to route it back to the rest of the house.

Master telephone socket - We advise placing a few normal telephone sockets wherever you feel most comfortable with them. Should you want extensions to any room, you can use the Cat 5 network with an adaptor cable. To do this you should either place a telephone socket next to the hub and connect this to the hub using an AVNex adaptor cable.

What cabling infrastructure is required?

Use shielded category 5 compliant cable and shielded Cat5 RJ45 sockets for best performance. You can also use CAT5e, or CAT6 cable and sockets. Sockets are star wired to the hub and terminated in a shielded patch panel which is supplied with the Nexus cabinet.

How much will it cost for cabling?

Cabling costs depend on how difficult your house is to cable. Typically if at new build or complete refurbishment it takes 4 man days at first fix and 2 man days at second fix. The cost of sockets and cable is around £10 per outlet.

How do I connect all my equipment up when I move in?

Connecting all your equipment once you have moved in is very simple.

1. Plug all your AV equipment, telephone, PC's into an RJ45 socket using AVNex adaptor cables supplied.
2. Label it using the colour coded labels on the labelling plate
3. Attach the labelling plate at the hub and patch it at the hub according to the colour coding.
4. If you ever want to reconfigure your network thereafter you can simply repatch it.

