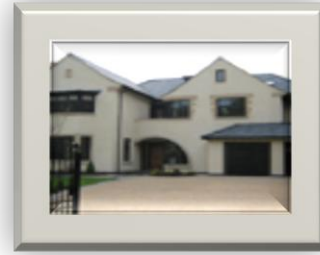


Discovery Systems. Summerhill is a stunning new Substantial family home in excess of 12,000 sq ft with all its period detailing throughout. Externally the architecture of the house is traditional, Arts & Crafts styling complete with 3 floors and the design is aimed clearly to set the property apart from the usual "leafy area" developments. The house is suitably positioned to take advantage of stunning views over the Prestbury Golf Club.



The House has been built using traditional building technology and high insulation giving high U-values adding energy saving to the traditional design. The interior design has been created by the home owners and attention to detail is evident throughout the house making the house feel very comfortable and homely.

Internally there is an indoor swimming pool, sauna, steam room, games room, cinema and gym along with 6 bedrooms and 5 bathrooms on the upper floors. The garaging for 4 cars parking area with landscaping to create the ultimate family dwelling with the use of intelligent home technology to control the heating, lighting and sound systems demanded in this type of high end residential dwelling.

With this stunning house being quite substantial careful design and planning by Discovery Systems has gone in to the lighting, heating design, by utilising the KnX bus building control system from Jung we have managed to create a combined user friendly system that will provide comfort, convince and energy savings for the home owner.

Summerhill has 155 KnX dimmed and switched lighting circuits that can be used to set scenes/moods for each room individually. With some 700 light fittings in the house, the lighting control system allows for scenes to be set for particular instances. KnX also allows lights to be incorporated into other features of a house including a welcome home function of an evening when returning home the owner uses a radio remote to open the driveway gates, this informs KnX system to light up the driveway, open the garage doors and light the access to the house. Once entering the house the lighting is automatically switched, utilising presence sensors the lighting will only be active for a short duration and will switch off when not required. Once night-time is set if any of the occupants decide to visit the bathroom during the night an automatic facility to set lights at a very low level is activated, effectively lighting a pathway and not needlessly awaking anyone asleep.

Water based under-floor heating throughout the entire House with 26 zones some rooms are controlled using room controllers with built-in thermostats removing the need for separate lighting and heating control, with careful control over the heating and air-conditioning it is possible to provide a sensible and energy efficient control to allow the heating and cooling to seamlessly work together. Incorporating external temperature sensors, the whole house heating can respond to weather and temperature fluctuations (typical in the North West you can get all 4 seasons in one day)

The heating system works seamlessly from normal comfort mode, lowering temperatures both when rooms are unoccupied a few degrees lower, and at night when everyone is asleep. This represents a big saving in fuel bills.

The whole KnX is monitored and controlled via Jung Facility Pilot building management and can be controlled via colour touch screen PC in the kitchen,

Summerhill has the Philips Pronto 9600 wireless handheld remote controls giving the best intelligent control of lighting, heating, TV/DVD, home cinema, audio, cctv, curtains, blinds, pool cover, sauna/steam room, Pronto control has been installed in 10 rooms with space saving wall mounted docking stations to house and charge the Pronto. The Philips Pronto wireless network integrates with the KnX bus system for lighting and heating, the system-line multi room audio for music.

Summerhill also has complete home network and multi-room audio and TV and video distribution systems, Home Cinema by Discovery Systems.