



**Project – Family Home**

**Client – Private home owner**

**Location – Aughton**

**Completion Date – September 2010**



### **Project overview**

Substantial family home with fine detailing throughout. Externally the architecture of the house is traditional styling complete with 3 floors and the design is aimed clearly to set the property apart from the usual "leafy area" developments. 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 a high level attention to detail is evident throughout the house making the house feel very comfortable and homely.

### **Technology implemented**

KNX dimmed and switched lighting circuits that can be used to set scenes/moods for each room individually. KNX also allows for total control for the whole house taking care of the KnX under-floor heating, ventilation systems. KnX whole house control with a colour touch panel, lighting scenes, heating control, weather station. The Philips Pronto 9600 wireless handheld remote controls giving the best intelligent control of lighting, heating, TV/DVD, home cinema, audio.

### **Energy efficiency profile**

The whole KNX 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. Close control of the HVAC systems combined with the lighting control and presence detection. This represents a big saving in fuel bills.

### **About**

Discovery systems are one of the leading Electrical engineers and Systems Integrators specialising in open intelligent building control and automation using KNX technology. We offer a wide range of control solutions in all market sectors and have a range of project experience throughout the UK.

### **Contact**

**Discovery Systems**

Unit 26, Lords Fold,  
Rainford, Lancashire  
WA11 8HP

T: 01744 889127

E: [mike@discoverysystems.co.uk](mailto:mike@discoverysystems.co.uk)

W: [www.discoverysystems.co.uk](http://www.discoverysystems.co.uk)

**Case Study**



home and building intelligence