

Application Residential



Private Residence - Oxfordshire, UK



Specification

Located in a small Oxfordshire village, this radically designed property faced many challenges in bringing together technology and aesthetic features to create a comfortable, practical living environment with stunning green credentials whilst retaining the adventurous nature inspired by the building design.

The brief for the project was to create light open plan spaces and utilise the latest in eco-friendly systems including lighting controls working together as part of a property wide wirelessly controlled system. The client had previously selected a separate PC based touch-screen control system to be the main user interface and the Evolution system from Mode Lighting was selected to link in with the PC system.

A selection of conventional switches, single gang push button control plates and double gang sized control plates with LCD screens, for menu-driven control, were used to operate the lighting and blinds throughout the house.

Client Benefit

The highly flexible nature of Evolution allows control of the open plan areas and individual rooms including blind controls and whole house commands for welcome and exit settings, party modes etc. Lighting and blinds are controlled by either Evolution keypads located at regular switch positions or by the wireless control system.

With an Evolution system installed, features not used initially can be programming in later to allow the control system to adapt with the changing use of the property as lifestyles change, demand for energy efficiency and energy savings increase.

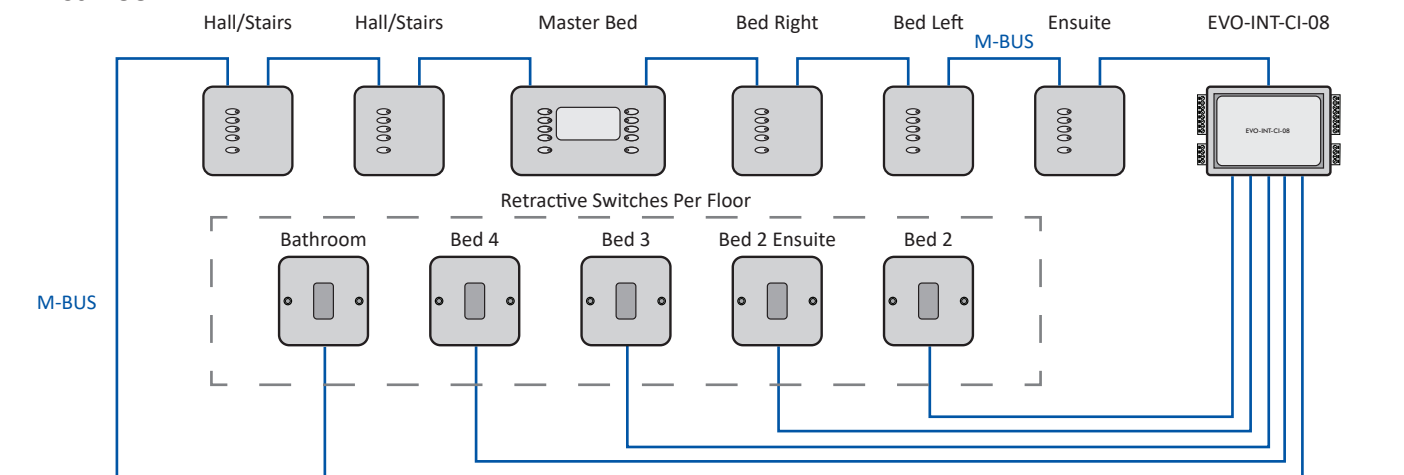
Features available to the homeowner include further integration with AV equipment, Automated control to mimic occupation, security interfacing, control of colour changing fixtures and more.

Integration

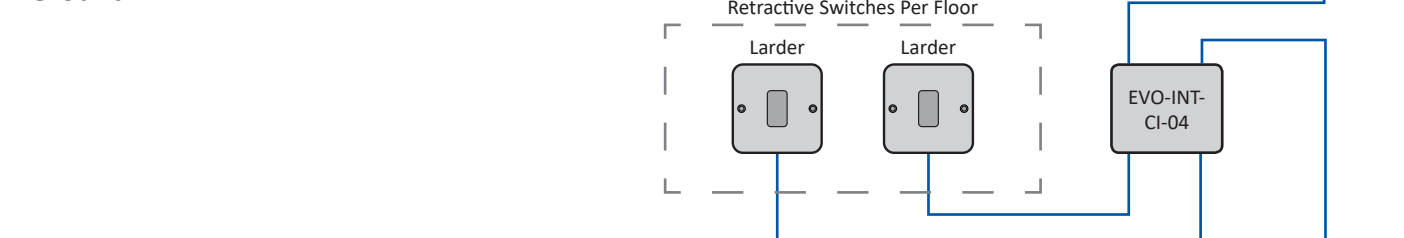
The PC control system was based around StarDraw™ controls package. This links seamlessly with Evolution through an RS232 connection enabling the PCs and wireless panels to mimic the functions of the keypads as well as providing further layers of control where required for individual circuit control, security overrides etc.

System Schematic

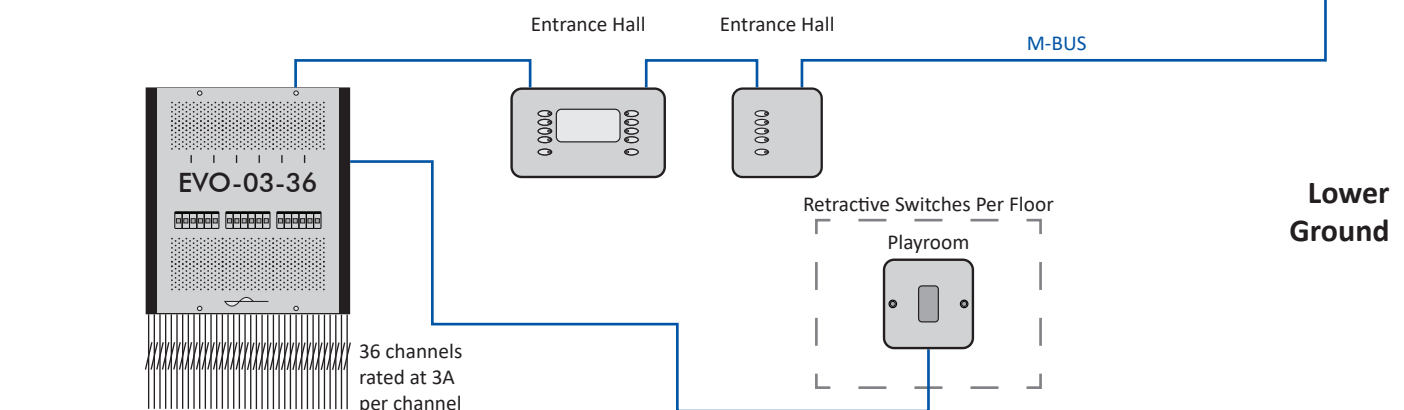
First Floor



Upper Ground



Lower Ground



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