



Crestron Home Control Helps Manchester Homeowner Achieve the Ultimate in Contemporary Living

Located outside of Manchester, Ivory Lodge is a shining example of state-of-the-art, fully integrated whole house automation. Featuring touch screen control of CCTV and security, lighting control, access to TV, film and music from anywhere on the property, automated ventilation and child monitoring, this system is a worthy winner of the Best Integrated Home category in the Crestron Integration Awards 2010.

The client wanted a home control system that would provide the ultimate in contemporary living, comfort and high-tech convenience. While ease-of-use and security were paramount, flexibility for customization around the family's busy lives and future expansion were also requested.

Cheshire-based systems integrator, C-Max Systems, was tasked with the demanding design and installation. A Crestron total home solution was selected. At the heart of the system, a Crestron PRO2 control processor allows seamless integration of all audio, video, environmental and security systems within the property. A separate Crestron DIN-AP2 processor controls the garage doors and automated skylights.

“Working on a complex installation such as this required investing in the best and most advanced home automation technology available,” explains Dave Eastwood from C-Max Systems. “We were confident that Crestron was the perfect choice for this project.”

The property is fully equipped with the latest home entertainment technology. The owners can enjoy music, television and movies from anywhere in the home. Display



devices include a 60" plasma screen in the living area, 50" plasma screens in the main bedroom, kitchen, study and two in the gym. The bathroom boasts a 17" in-wall waterproof television. All rooms feature discrete in-ceiling speakers providing high quality sound throughout. Outdoor speakers in the summer house and on the patio make the home ideal for outdoor entertaining.

The owners can select a variety of AV sources that can be zoned to any room or area with a tap on a Crestron screen. Sources include Apple TV, Sky HD, satellite TV, Nintendo Wii and a Karaoke player. The media server manages the owners' entire digital movie and music collection. With the Crestron radio tuner, DAB or FM radio is accessible throughout the property. Even the owners' iPods®, have been fully integrated so multi-media content can be delivered throughout the home.

The entire home is controlled from a combination of wall mounted and wireless Crestron touch screens. Custom presets allow simple one touch control from anywhere in the home. Six TPS-6L wall-mounted touch screens are located in the hall, study, gym, master bedroom and the outside summer house, while a larger TPMC-8L is wall-mounted in the kitchen.

TPMC-8X can be used anywhere on the property. Owners can view the home's status remotely when working or travelling with his and hers iPhones® which are integrated into the system. Two handheld Crestron TPMC-8X WiFi touch screens can be docked in the living room and master bedroom for quick recharging or be used as wireless panels when undocked, offering total portability. Each TPMC-8X GUI features a simple button which displays a list of rooms and control functions.

Pressing the 'Party Mode' button combines the downstairs zones together in large areas for shared content. Volume control is controlled by fingerprint recognition on the TPMC-8X, preventing guests from tinkering with the sound.

An integrated security system offers convenient access to security cameras and access control. From any touch screen, the homeowners can monitor all CCTV cameras throughout the property. Live CCTV images can also be viewed on any of

the plasma displays in the house, or accessed remotely from the owners' iPhones using Crestron iPhone application, Mobile Pro® G. Additionally, the system will automatically turn on the kitchen TV to display the gate camera image as soon as visitors press the entry phone or gate button.

Also, a large network of external PIR detectors communicates with the Crestron system, providing both visual and audio feedback if a sensor is tripped. If music is playing at the time, the volume will automatically lower while a spoken voice alert indicates which sensor has been triggered.

A dedicated security page on the touch screen displays a CCTV feed, an outline of the house and grounds. Active sensors and real-time graphic indicators show whether the main gate, skylights, or garage doors are open or closed. Speed dials on

the owners' iPhones can be used to open the main gates, garage doors and start a welcome home program, which turns up specific lights and adjusts thermostats.

“ Working on a top-end installation such as this requires investing in the best and most advanced technology available and we were confident that Crestron was the perfect choice for this project.”

Dave Eastwood, C-Max Systems

The Crestron solution also controls an amazing' salt water aquarium, located in the open living area. From any touch screen, the homeowners can control the tank's overhead LED lights and the color-changing fiber optic lights within the tank. With the addition of the family's new baby, the system provides audio child monitoring via handheld DECT phones and visual monitoring using any wireless touch screen, plasma display or even the owners' iPhone.

“We have created an easily upgradeable and complete system for our clients and they are absolutely delighted with the end result,” says Eastwood.

