



**A traditional family home nestled in a quiet corner of Scotland proves that it is possible to blend conventional design with smart home technology.**

As the family's primary residence, this house contains extraordinary detail and design features, with every small touch meticulously considered and calculated. The home automation system would also need to subscribe to this philosophy and blend simple yet comprehensive control with high end performance.

Edinburgh-based integrator, Hometech Integration was faced with a challenge: ensure that the latest home entertainment and control technology would keep everyone in the family happy without dominating the space or clashing with the

classically-styled architecture and décor. Thorough planning, innovative ideas and the latest Crestron home technology allowed the challenges to be easily handled.

The importance of the entertainment system was a top priority to the homeowner, with one common goal – every member of the household should be able to access their personal music and TV playlists in any room. Also, all content had to be available in high-definition. The initial design included 40 separate areas where sound and video would be available. Control had to be simple enough so that it could be operated by any family member, with consideration of parental controls.

To ensure that the homeowner's request for simultaneous media and HD content could be satisfied, the system needed the bandwidth to match. With nine iPods®, five media servers,





five Sky HD boxes, five DAB digital radio tuners and one Apple TV, the entertainment system is a one-of-a-kind design. Two fully-equipped home theater systems were also installed.

With such specific requirements, both in functionality and ease of use, a Crestron control solution was selected. Utilizing 25 Crestron touch screens, push button control of audio, video, HVAC and security is fully accessible from anywhere in the spacious dwelling. Four wall-mounted TPS-4L panels, 17 TPSI-6X WiFi touch screens and two WPRI-48s handhelds ensure that complete control of every system is always within arm's reach. The WPRI-48 waterproof remote comes in handy in the bathrooms and is perfect for adjusting thermostats or changing TV channels from the hot tub.

In the media room, three custom racks occupy one of the largest systems of its kind in the UK. A choice of 16 high-definition video sources and 16 audio sources are distributed to any of 29 TV screens and 40 pairs of loudspeakers throughout the property using Crestron DigitalMedia™ system.

---

**“ Crestron’s easy-to-use touch screens ensured that the system could be operated with ease by any member of the family.”**

---

For parental control, a PIN number was given to each family member. The children’s access to content from touch panels is limited to the main server, their personal iPod®, Sky HD box and media server.

Each touch screen was also customized to display real-time weather information.

The Hometech maintenance plan features a secure web page that allows engineers to provide 24/7 tech support and deliver system upgrades remotely without imposing on the family. The web page also allows the owner access to monitor and change system settings upon client requests.

When the security system is tripped, all lights illuminate, loud music plays to encourage the intruder to leave, and the police are automatically alerted. CCTV, gate and entryway cameras can be viewed from any TV, touch panel or Web browser.