



# Hungarian Home of the Future

Residential | Case Study

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Successful business entrepreneur and Ferrari race car driver, Josh Cartu, is a high achiever: a position as the president of the Ferrari club, and now, the proud owner of the most technologically advanced home in Hungary.

The Canadian super car enthusiast wanted to extend his love for avant-garde-technology into his bachelor pad in the centre of Budapest, Hungary. Josh grew up reading sci-fi magazines and watching Star Trek's best loved characters use a PADD (or Personal Access Data Device as Star Trek super-fans may well know) to manipulate the environment around them. Never in his lifetime did Josh expect that he himself could replicate this same technology in his own home one day.

However, thanks to Crestron, now he can. Joining forces with Amazon's revolutionary Alexa, Crestron is the backbone to the most bespoke, all-encompassing and intuitive automated home in Hungary.

Crestron Installer, Artur Zabludovsky was briefed for a project where the latest technology and design ideas were to be implemented into the modern living space for a young gentleman. The home had to reflect the perfect synergy between technology and design, meaning all equipment had to blend in seamlessly with the interior decoration

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**Artur Zabłudovsky Founder**  
Future Home Today



Not only did the technology need to be 'invisible' but the automation had to be specific to Josh. Fully bespoke systems were to be designed and realised to synchronise with the homeowner's lifestyle and preferences. This meant all lighting, heating and cooling, audio distribution, and digital media distribution would be programmed and designed specific to Josh's preferences. All of these technologies were to be activated and adjusted from one unique user interface on all control panels across the home. Just one touch would be required to simultaneously dim the lights, adjust the temperature and to play Josh's favourite playlist from Spotify.

To achieve this work of art and technical prowess the entire design team, including the interior designer, architect and Crestron installer, had to be extremely flexible and creative throughout the planning stages and execution.

"This project was special. We needed a total custom solution - one that would be easy to upgrade with rock solid, top-of-the-range equipment that was joined with best in class support," explains Artur Zabłudovsky, founder of home automation specialist, Future Home Today. "Crestron was my first choice for this project because I know that it is capable of making dreams come true. And the dreams for this project were not easy to create. I know and trust Crestron. I trust the products and the support team, and I know I will always have fantastic results because of this."

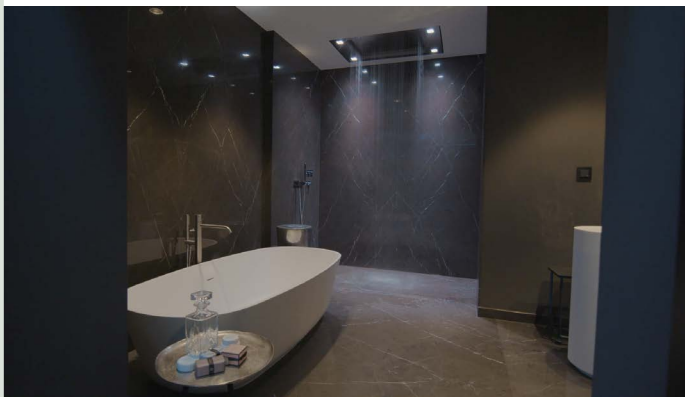
The most significant challenge that presented itself during this project was the complete camouflage of all technology. As a result of the sheer quantity of equipment needed to achieve the advanced level of home control and automation that Josh required, disguising all systems required careful planning and execution.

"Overcoming the greatest challenge for this project is where Crestron's systems really came in to play. The beauty of a Crestron system is that it can be integrated into any interior so nothing is visible apart from its sleek touch panels," says Phil Pini, Residential Development Manager at Crestron. "Even then, these pieces can be personalised to our customer's exact requirements. Be it blending in seamlessly with the living room wallpaper or personalised with a family name, we can adjust the design of our control panels to suit every individual."



Powered by Crestron's SWAMP multi-room audio system and 4K DigitalMedia receiver, all AV sources are distributed throughout the home including the bathroom, bedroom and all living spaces. This level of automation is heightened in the bedrooms where, when a video source is selected, a projector and screen drop from the ceiling to create a personal and discreet home cinema experience from the comfort of the bed.

Lights are automated and programmed with GLS sensors to automatically activate and dim depending on the room occupancy and activity. Further sensors are used throughout the home, including climate sensors which report lighting conditions, room occupancy, temperature, humidity and CO2 levels back to the Crestron system. This data helps to maintain the property at comfortable levels all the time, whilst reducing wasted energy



To control, monitor and manage all of these systems from one screen, a bespoke user interface which is inspired by Josh's childhood Star Trek dream has been created for three of Crestron's pioneering touch panel screens including is TSW1060 control and a custom built signature 15.6" HD touchscreen.

"What the Crestron system in this house achieves is truly exceptional. I can press a button and tell the house to play a title playlist and immediately I have my favourite song playing at the exact right volume in every room, even outside on the deck," says homeowner, Josh Cartu. "I have never seen anything as design and technologically advanced in the home before. What I once thought was impossible has been made true thanks to Crestron."