



**H**ome automation is growing right across EMEA and Israel is living proof of this. The smart home market revenue in Israel is expected to show an annual growth rate of 22.7 per cent, resulting in a market volume of €237m by 2023.

Contributing to these figures is this new, ultra-modern Tel Aviv property. The exquisite interior décor is complemented with a full AV install throughout the spacious rooms of the house, giving the homeowner complete control over his 12,000 sq ft home.

Well-equipped for the job, Israeli integrator InTech was chosen for the project, which cost around €100,000.

“The project was originally a home theatre build in the basement with some outdoor speakers around the pool area, but the project has grown to a full AV install. The client decided he wanted everything in his home connected and working in harmony,” explains Alex Kutergin, InTech.

### Classic cinema / bar

High on the agenda at the start of the project was the home cinema, which includes a bar area. The stylish cinema room is a Dolby Atmos system, giving the homeowner a high-quality theatre where he can relax with a movie.

Monitor Audio was chosen to provide the sound in this home theatre

# Modern Mediterranean paradise

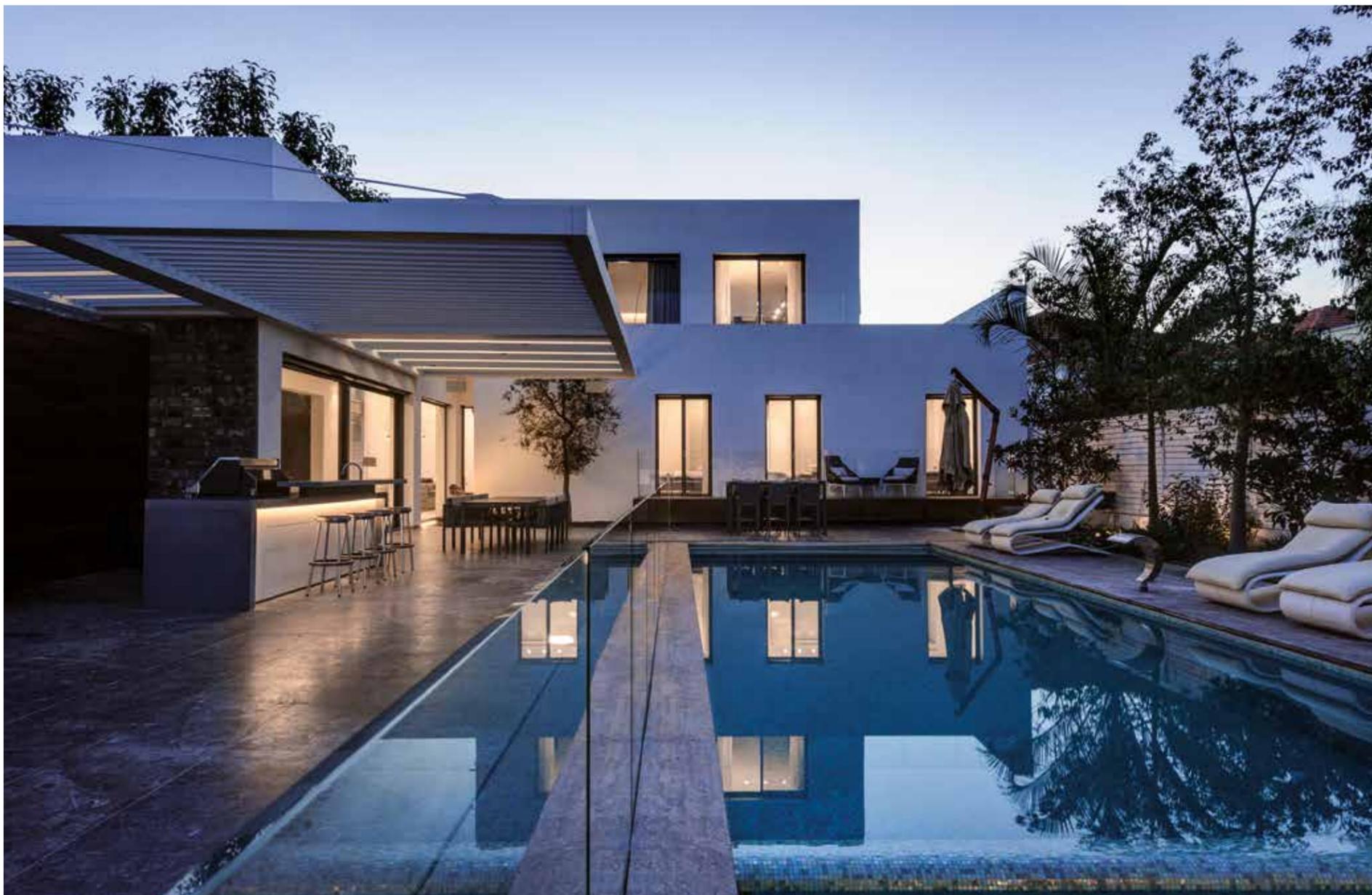
If living in the Mediterranean city of Tel Aviv wasn't enough, it doesn't get much better than this three-storey luxury pad, fitted with a full AV installation managed by a Control4 system.

**Amy Wallington** explores the house.

/ bar room. A creative mixture of the floorstanding Silver 300 speakers were used as the left and right channels, while a SoundFrame 2 in-wall speaker provided the centre channel. Two Silver W12 subwoofers were discreetly hidden behind a fabric wall and the C265-FX in-ceiling speakers create surround sound for the room. The picture was delivered using an Optoma HD91 projector.

### Poolside karaoke

The pool is a significant feature for this property, with a large poolside terrace and dining area for entertaining and relaxing. This project has incorporated one of the client's entertaining hobbies into the area. Kutergin clarifies: “We installed a projector with a pair of speakers around the pool to be used mainly as a karaoke. But the speakers are also used to play music through.”



“Homeowners can benefit hugely from a Control4 home automation platform when living in such a big place.”

Across the pool and garden areas, six Monitor Audio Climate 80 on-wall speakers were used for the sound, coupled with an Optoma HD20 projector and a motorised screen to fold away when not in use.

### AV everywhere

Most of the rest of the house is fitted with speakers and TVs for a fully integrated system. The living room features a 2.1 surround system, using two Bowers & Wilkins CWM7.3 in-wall speakers and a Monitor Audio in-wall subwoofer combined with a Samsung 75-in TV.

“In the living room, we installed a surround sound system with two in-wall, high definition speakers and an in-wall subwoofer,” confirms Kutergin. “We also put in a 75-in Samsung TV to complete the room. It looks and sounds great!”

He continues: “Similarly in the kitchen,

we have four Monitor Audio CS160 in-ceiling speakers. We also mounted a touchscreen iPad on the wall to give the homeowner control of the house. It is also used to allow people to enter and leave the property.”

Moving to the top floor of the house, the master bedroom and master bathroom have also been included in the integration. Kutergin says: “In the master bedroom, we installed another 75-in Samsung TV and used four Monitor Audio CS160 in-ceiling speakers, the same as in the kitchen. Another two CS160 speakers have been used in the master bathroom – one being in the shower.

The master bedroom and bathroom have its own rack system on the top floor of the property, separate from the main rack used for the rest of the house. InTech used the APC 16U rack for the top floor master bedroom and bathroom and the APC 44U

main rack for the rest of the property. An AC Infinity Rack Cooling system was also used to keep the system cool.

### Safe & secure

To keep the place secure, Hikvision NVRs and Dome CAMs have been installed along with a Paradox Alarm System. “With every project we do, we always install a security system and connect it to the Control4 system to give the client complete control over the security of their home,” adds Kutergin.

“We have used detectors throughout the house that will switch lights on and off depending on when you enter or leave the room. This can be used to scare thieves that might get into the property. We also sometimes use music for the same purpose – if a thief walks into a particular room, the detector will activate the music to shock an intruder.”

The entire install is controlled using a Control4 system. According to Kutergin: “Control4 is simple and easy to use and gives homeowners lots of options to customise their systems.”

He continues: “Although everything is controlled through the system using smartphones and iPads, I also make sure the original TV remotes are not disabled in case something happens with the network. That way, we can ensure TVs, etc will always work.”

This contemporary home has been modified into a luxurious smart property by the power of AV. Kutergin concludes: “It’s a huge house and now he can control everything from his smartphone or iPads. By everything, this includes lighting, sounds, alarm system, doors and shades, AC, under floor heating, etc. Homeowners can benefit hugely from a Control4 home automation platform when living in such a big place.”

### Tech-Spec

- 16 Port SG200 Cisco Switch
- 50 Port SG200 Cisco Switch
- AC Infinity Rack Cooling
- APC 44U Main Rack
- APC 16U Rack for Master Bedroom
- Apple TVs
- Bowers & Wilkins CWM7.3 In-Wall Speaker
- Control4 EA1
- Control4 EA5 Main Controller
- Control4 IOX
- Crown Xii 1500 Outside Power Amp
- Draytek Vigor 286ac Router
- Draytek Vigor 902 Access Point
- Hikvision Dome CAM
- Hikvision NVR
- Intel NUC PC with Kodi Operating Systems
- MDT KNX Light Controllers
- MDT KNX Touch Keypad
- Monitor Audio Climate 80 On-Wall Speakers
- Monitor Audio C265-FX In-Ceiling Surround Speakers
- Monitor Audio CS160 In-Ceiling Speakers
- Monitor Audio In-Wall Subwoofer Speaker
- Monitor Audio IWA-250 In-Wall Sub Amp
- Monitor Audio Silver 300 Floorstanding Speakers (L-R)
- Monitor Audio Silver W12 Subwoofer
- Monitor Audio SoundFrame 2 In-Wall Centre Speaker
- On-Wall Launch Port for iPad
- Optoma HD20 Projector
- Optoma HD91 Projector
- Paradox Alarm System
- Samsung 75-in TV
- UBNET M5 Outdoor Access Point
- Yamaha RX-A1060
- Yamaha RX-A2060
- Yamaha RX-V481
- Yamaha RX-V681