

Insider

Architectural Speaker Magazine





Hello. Welcome to this edition of Monitor Audio Group's Insider Magazine.

Within this issue we've cherry-picked some fabulous architectural speaker installations from around the world. A yacht in Tokyo to a Latino-inspired restaurant in the Netherlands, the applications couldn't be more different and goes to show, just how flexible our integrated speaker solutions can really be - no matter how dramatic or complex the environment!

If you'd like to learn more about our architectural speaker series, Creator, or review the specifications on our latest Installation Amplifiers 2G, why not pick up our Architectural Series catalogue, it is the perfect place to investigate further details, and don't forget, everything can be found on our website: [monitoraudio.com](https://www.monitoraudio.com)

Enjoy.



Michael Johnson
Director of Global Marketing



Poole to Tokyo

Dorset based installer Superyacht-AV brings the premium sound of our flagship Platinum speakers to a luxurious Sunseeker yacht.



Docked just south of Tokyo, Japan is this incredible Sunseeker yacht, packed to the brim with Monitor Audio speakers and other smart AV solutions. Before travelling to its current location, the yacht named MySkye was docked at Sunseeker's Superyacht Boat Yard in Poole, UK during its installation.



Starting at the Flybridge – the main outdoor entertainment zone – 6 AWC280 All Weather speakers were used to provide music to the wet bar, hot tub and BBQ dining area. 2 AWC265 All Weather speakers were used to cover the rear sunbathing area, 4 more were used for the Bow and forward sunbathing area.

Mid-ship, 2 AWC280s were installed to cover the pop-out breakfast balcony, finally 4 AWC280s were used on the aft cockpit dining area.

Monitor Audio's All Weather speakers were perfect for the exterior of a yacht, as they're resistant to water, weather and salt spray.

Inside the yacht in the VIP cabin, 2 Platinum PLIC II In-Ceiling speakers were used to accompany a TV providing music and TV audio to guests. Over in the owners cabin, a home cinema system was installed using 2 C265-IDC speakers for the left and right channels, a pair of CSS230 speakers were used for the surround channels, a WSS430 was used as the centre channel and a CW8 Custom Subwoofer was beneath the bed.

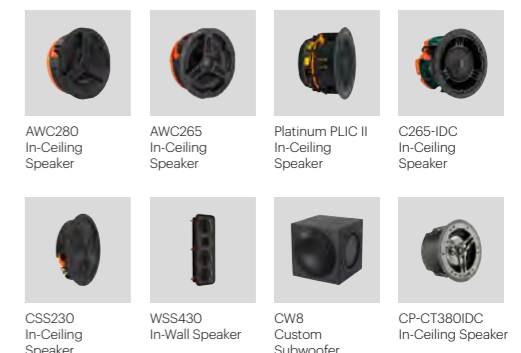
Monitor Audio's All Weather speakers were perfect for the exterior of a yacht, as they're resistant to water, weather and salt spray.

In both of the guest cabins, CSS230 speakers were used to cover audio from the TV in each cabin. Down in the crew area, our Controlled Performance CP-CT380IDCs were used to accompany their TV. Controlled Performance features a sealed back box that reduces sound escaping to the floor above.

On the main deck, a pair of Platinum PLIC II In-Ceiling speakers are used to entertain guests in the bar. Finally, in the Saloon a 7.2 surround sound system was installed. This featured an incredible 6 Platinum PLIC II In-Ceiling speakers for the left, right, side and rear channels, a WSS430 for the centre channel and a CW8 subwoofer hidden under the rear sofas.



Featured Products



Taste of música

A restaurant in Leiden, Netherlands matches authentic Latino flavours with atmospheric surroundings and sounds of South America.



Bringing the best Latin American food and drink to the South Holland city of Leiden is the new Tabú restaurant.

Outfitted in a modern cantina style, Tabú delivers an exciting dining experience and its very own cocktail bar.

If the sights and smells don't immerse you, the sounds of the continent's distinctive music style will with the numerous Monitor Audio speakers strategically placed throughout the restaurant by installer Number One.

Monitor Audio's ultra-versatile Vecta V240 speakers can be found in the corners of the restaurant, blending into the surroundings.

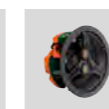
In the ceilings, Number One used C165-T2 In-Ceiling speakers and slim CS180 In-Ceiling speakers to deliver music from above. Concluding the audio experience, IWS-10 In-Wall Subwoofers were used for powerful bass.

All of the speakers in the restaurant are run from two Monitor Audio IA150-8C Amplifiers, connected to streamers and DJ equipment.

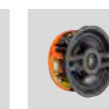
Featured Products



Vecta V240



C165-T2 In-Ceiling Speaker



CS180 In-Ceiling Speaker



IWS-10 In-Wall Subwoofer



IA150-8C Connect Amplifier

Bring the cinema experience home



- Power Sharing
- 70/100V Line Support
- Class D Amp
- Fully Customisable DSP
- 5 Year Warranty
- WiFi
- Web Configurator
- Third-party Automation Support
- Analogue & Digital Input

CEDIA MEMBER

Installation Amplifiers 2G

Monitor Audio's four-strong range of high-powered, incredibly flexible DSP-enabled custom installation amplifiers will power your customers' dream installation. Each model is intuitive to use, built to last, delivers reliable power and incredibly lifelike sound.

Explore more



monitoraudio.com

Listen in luxury

A newly refurbished home in London, UK receives a complete overhaul featuring luxurious furnishing, high-tech entertainment equipment and discreet audio.





This Victorian terrace home, situated in Belgravia - one of London's most affluent districts - has received an incredible transformation, adding new living spaces, bathrooms and a home cinema.

The home cinema uses our Controlled Performance CP-CT280-IDC In-Ceiling speakers, C265-FX In-Ceiling speakers and a IWS-10 In-Wall Subwoofer.

There's even more sound throughout the home, including Controlled Performance CP-CT260 In-Ceiling speakers in the kitchen, CP-CT150 In-Ceiling speakers in the master bedroom, C165-T2 In-Ceiling speakers in the bathroom and Climate 60 On-Wall speakers in the garden area at the back of the house.

Featured Products



C165-T2
In-Ceiling
Speaker

C265-FX
In-Ceiling
Speaker

IWS-10
In-Wall
Subwoofer

Climate 60
On-Wall Speaker

CP-CT150
In-Ceiling
Speaker

CP-CT260
In-Ceiling
Speaker

CP-CT380-IDC
In-Ceiling
Speaker



Credits: Installer: Inspire Audio Visual | Developer: Higginson Grey | Location: London, UK

In-room entertainment

Monitor Audio installer Majik House along with Aqualade Bathrooms created AbsoluXe, a hotel experience encompassing four themed suites packed with smart home technology.

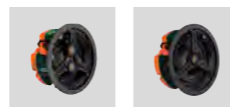


Our Custom Install speakers have recently been installed into a unique hospitality experience in the beautiful market town of Kirkby Lonsdale, Cumbria in the UK.

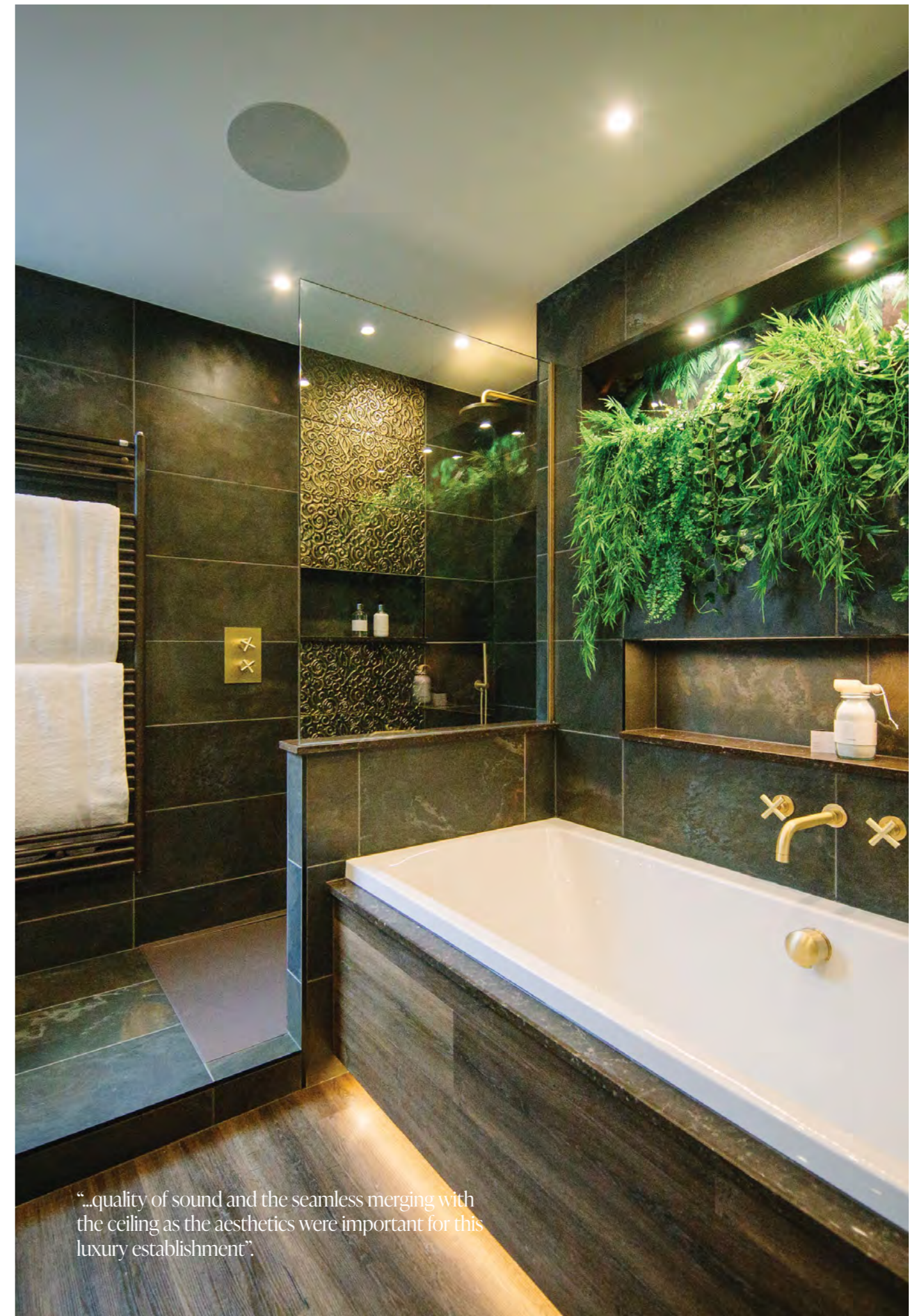
Each suite is fitted with simple, effective technology to wow the guest featuring Monitor Audio speakers in all suites, bathrooms and bedrooms.

Tim Burrow of Majik House explains his choice: *"We chose the stereo mono C180-T2 In-Ceiling version speakers for 2 reasons: quality of sound and the seamless merging with the ceiling as the aesthetics were important for this luxury establishment. C280 In-Ceiling speakers were also used in the bedrooms and lounge to give an enhanced sound experience".*

Featured Products



C180-T2 In-Ceiling Speaker C280 In-Ceiling Speaker



"...quality of sound and the seamless merging with the ceiling as the aesthetics were important for this luxury establishment".

Poolside cinema

The talented team at InTech found unique solutions for building a powerful home cinema into their recent smart home installation in Tel Aviv, Israel.



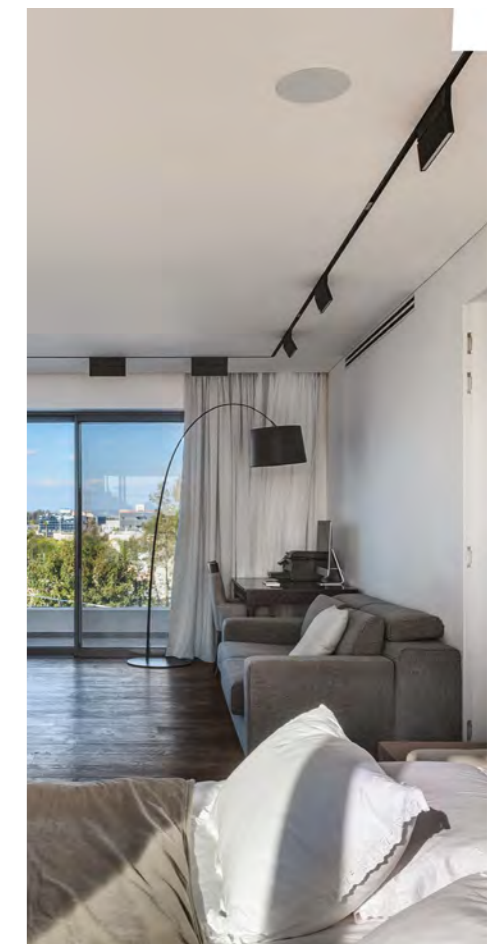
This new, ultra modern home in the Mediterranean city of Tel Aviv features advanced audio throughout the house, inside and out.








Credits
 Installer: InTech
 Location: Tel Aviv, Israel

The home cinema / bar uses a creative mixture of our floorstanding Silver 300 speakers for the left and right channels, with a SoundFrame 2 In-Wall speaker as a centre channel, and a Silver W12 Subwoofer all cleverly hidden behind a fabric wall. C265-FX In-Ceiling speakers are used as surround channels.

On the poolside terrace, a pair of Climate 60 On-Wall speakers were installed in the dining area.



Featured Products

- 
 Silver 300
 Floorstander
- 
 SoundFrame 2
 In-Wall Speaker
- 
 C265-FX
 In-Ceiling Speaker
- 
 Silver W12
 Subwoofer
- 
 Climate 60
 On-Wall Speaker

Conversation Corner



Acoustic Engineering Manager Ed Elsey explains the science of Cinergy & how Monitor Audio Group are bringing the cinema experience home.

Ed, tell us a little bit about yourself

I've been with Monitor Audio for three years now and I'm privileged to be leading a team of six world class acoustic engineers. We are all passionate about music, film and acoustics and together we are developing what we believe to be the best audio products in the world.

What was the motivation behind designing a serious home cinema speaker system?

Acoustically Cinergy sits within a gap in the home cinema market between traditional Hi-Fi and Pro Cinema. Traditional Hi-Fi can't typically handle the power required to hit cinema reference levels in larger rooms, and pro cinema typically sacrifices quality to achieve the massive SPL required for commercial cinema sized rooms. Cinergy, being THX Ultra certified, guarantees exceptional performance, at cinema reference levels, when installed alongside THX certified equipment in rooms where the main listening position is up to 3.6m.

What is the significance of Cinergy being THX Ultra Certified?

THX certification ensures a speaker meets very high-performance targets for things including sensitivity, frequency response, distortion, and directivity at cinema reference level for a given room size. When paired with Monitor Audio's range of installation amplifiers, cinema reference level can still be achieved with a MLP of 7m, with sound quality far exceeding what you normally hear in a commercial cinema.

Tell me about the technology within Cinergy?

To achieve such high-power handling capability, not only have the drive units been carefully designed to optimise their thermal management but also the crossovers. The drive units we use within Cinergy utilise a raft of key technologies we've been finessing over a few years now. During development we ran power tests whilst monitoring the temperature of every component on the crossover and even the magnets of the drivers, as at these power levels it is possible to reach temperatures where the magnets can demagnetize and the crossover components desolder! As a result, many of the components on the crossover were updated and some resistors were even doubled up in parallel to enable them to take the power.

“Cinergy, being THX Ultra certified, guarantees exceptional performance, at cinema reference level...”



How long does it take to produce a range like Cinergy, were there any particular challenges to overcome?

It takes around two years for a project to go from concept to mass production. Cinergy was particularly challenging because not only did we want to achieve THX Ultra certification (which is no simple task), we also wanted to make Cinergy go much louder than traditional Hi-Fi used for home cinema installations, allowing Cinergy to be used in much larger home cinema rooms at cinema reference level – the sort of impactful volumes customers would experience from going to an actual commercial cinema.

On top of this, we wanted Cinergy to be as flexible to install as possible, with options for in-wall installation as well as on-wall and, in the case of the C300 free standing, all of which significantly alter the acoustics of the speaker. What this meant from a design point of view was that we needed to design the drivers and crossovers to handle incredible power (to achieve the SPL required for larger rooms), whilst keeping distortion to a minimum (to meet THX Ultra). We tuned the speakers so they sounded amazing whether on wall, in wall or free standing by constructing a temporary wall in our listening room so we could listen to the speakers in all their use cases.

What does all of this mean to the customer

It means, they can have a large high-end, bespoke cinema built in their home that achieves cinema reference levels and sounds far better than anything they have heard in a commercial cinema. Cinergy sounds great when paired with a variety of equipment, which gives the installer flexibility and can allow the customer to hit a price point, because it was tuned to sound great even with no processing (as is a requirement of THX Ultra). However, when paired with our high-end range of installation amplifiers, that can deliver the power Cinergy deserves, setup is very simple with preconfigured pre-sets that further optimise the sound. The result is nothing short of amazing – it's great fun, to have this type of total cinematic immersive experience, and all within the comfort of your own home!

High performance, high-fidelity built-in

 MONITOR AUDIO



CEDIA MEMBER

Creator Series

Monitor Audio creates its 4th generation of in-ceiling and in-wall speakers – an all-new focused/streamlined range. Models include new design and acoustic technologies to support the demands of the installer: flexibility, usability, intuitive functionality, easy installation, superior build quality and outstanding sound performance

Explore more



monitoraudio.com

Sun, Sand, Surf and Sound

This fully renovated home in Gold Coast, Australia gets Monitor Audio sound throughout.



Monitor Audio installer TVinstallers have recently completed work on a beautifully renovated house in Runaway Bay on the Gold Coast in Australia. To match the high-end finishes in the house, the owners invested in a great sound system but wanted to keep it as low profile as possible.



In the kitchen, an invisible sound solution was high priority. The central island counter is made from 2" thick Calacatta marble, so the owners didn't want any visual distractions. It was decided that IV140 Invisible speakers would be used in the room.

Our IV140 Invisible speakers are installed into the wall and are covered with plaster, making them completely invisible once finished. This ensured that the kitchen would receive incredible sound quality, without a speaker in sight.

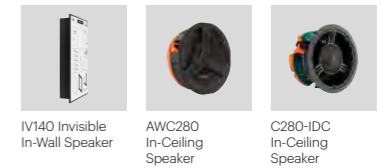
Outside by the pool, TVinstallers fitted our AWC280 In-Ceiling All Weather speakers. Our All Weather speakers have been designed to withstand exposure to all elements, and makes a great splash-proof poolside addition.



Lastly, the owners wanted a high quality surround sound system for their TV nook upstairs. Due to limited space along the walls, TVinstallers opted for C280-IDC In-Ceiling speakers. Our IDC speakers feature a pivoting mid-range driver and tweeter module, allowing for high performance directional audio.

The owners were left very happy with the install and performance of the products, and as the house has been pre-wired there might be more Monitor Audio products going in soon!

Featured Products





Suburban Sanctuary

This beautifully renovated home in the north of England received a total entertainment overhaul by Monitor Audio installers Majik House

Aesthetics were of utmost importance to the clients for this project, so all of the entertainment features needed to be as discreet as possible.

Starting in the living room, Monitor Audio C165 In-Ceiling speakers were used as a stereo sound system for the TV along with our IWS-10 In-Wall subwoofer, allowing for hidden high-quality sound as an upgrade for the TV's existing speakers.

Monitor Audio In-Ceiling speakers were used throughout the rest of the living spaces such as the kitchen, bedrooms and bathrooms to deliver music around the house, all controlled through the Control 4 automation system.

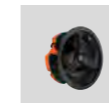
Outdoors, the garden was made smarter with the inclusion of WiFi access points and smart lighting. Also outdoors, Majik House installed our Climate 60 On-Wall speakers, that are able to withstand all of the elements whilst bringing their favourite tunes outdoors.

Aesthetics were of utmost importance to the clients for this project, so all of the entertainment features needed to be as discreet as possible.

The pride of place is the incredible Dolby Atmos configured home cinema. Matching the Epson HD projector, our W380-IDC In-Wall speakers are used for the left, right and centre channels. Our CS180 and C165 In-Ceiling speakers for the surround and Atmos channels with our IWS-10 In-Wall subwoofer for punchy bass.



Featured Products



C165 In-Ceiling Speaker



CS180 In-Ceiling Speaker



W380-IDC In-Wall Speaker



IWS-10 Subwoofer



Climate 60 On-Wall Speaker

Flexible high-fidelity performance for any environment



CEDIA MEMBER

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Explore more



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Sea of Sound

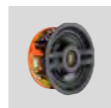
Take a look at this incredibly luxurious yacht featuring Monitor Audio Custom Install speakers throughout.



Monitor Audio installers Interior Audio finished work this year on an Ocean Alexander 90R yacht, introducing In-Ceiling audio to almost every space.

Due to the restricted depth on board, the installer used our CS180 Slim speakers throughout the interior spaces. They used a mixture of round and square grilles to fit the designer's vision, and painted the grilles to blend them into the space for an even more discreet system.

Featured Products



CS180
In-Ceiling Speaker



Credits
Installer: Interior Audio



Lights, camera, action!

This incredible home cinema in Glasgow, UK is bound to make any film fanatic's jaw drop.

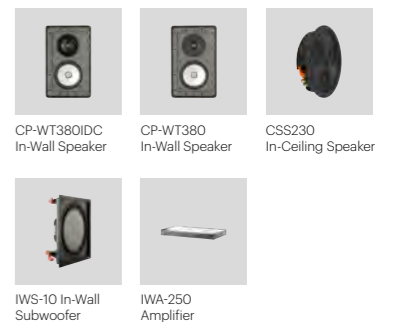
The home cinema is comprised of a 4K projector, Denon Atmos AV receiver, a UHD Blu-ray player, a 4K streaming box and thirteen Monitor Audio speakers.

The left, centre and right channels are made up of three CP-WT380IDC In-Wall speakers.

The four surround channels use CP-WT380 In-Wall speakers. Four CSS230 Super Slim In-Ceiling speakers are used for the Dolby Atmos system and two IWS-10 In-Wall Subwoofers with a IWA-250 Amplifier round-off the whole experience.

All of the speakers are either hidden behind the screen or behind the acoustically transparent walls.

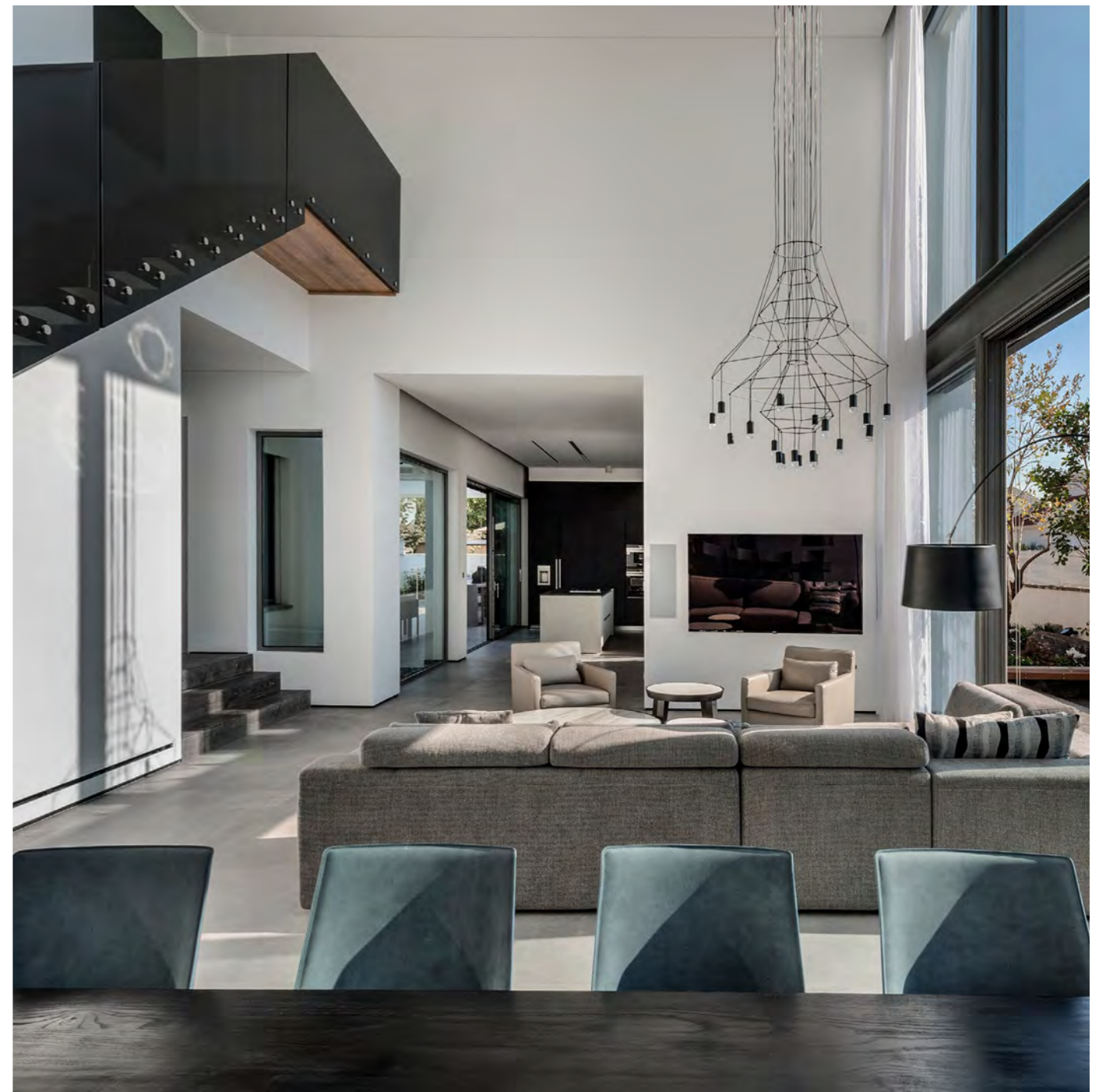
Featured Products





Silver Screen

The talented team at InTech found unique solutions for building a powerful home cinema into their recent smart home installation in Tel Aviv, along with an array of other architectural speakers throughout this modern home.



This new, ultra modern home in the Mediterranean city of Tel Aviv features advanced audio throughout the house, inside and out.

The home cinema / bar uses a creative mixture of our floorstanding Silver 10 speakers, with a SoundFrame 2, C265-FX In-Ceiling speakers and a Silver W12 Subwoofer.

On the poolside terrace, a pair of Climate 60 speakers were installed in the dining area.

Featured Products



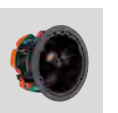
Silver 10 Floorstander



SoundFrame 2 In-Wall Speaker



Silver W12 Subwoofer



C265-FX In-Ceiling Speaker

Music Built In

The team at Infinite Home Theatre have recently finished work on an AV installation at a luxury Tradewinds home in Idaho, US.



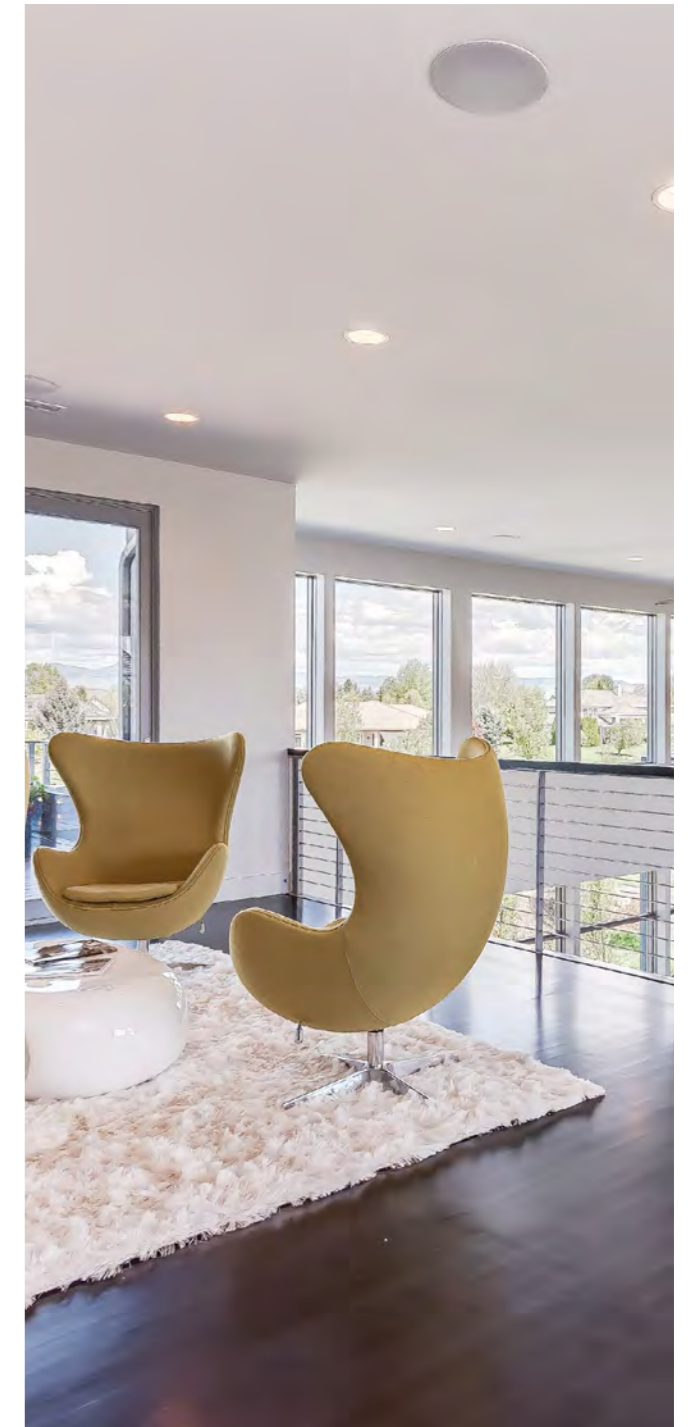


The project included 75 Monitor Audio speakers including 22 C180 In-Ceiling speakers throughout the living areas, kitchen, exercise room and 'Full Swing' golf simulator.

Two separate home theatres house C265-IDC and C380-IDC In-Ceiling speakers with IWS-10 In-Wall subwoofers and IWA-250 In-Wall amplifiers.

Outdoor and balcony decks showcase the weather resistant CL60, CL60-T2 and CL80 Climate speakers.

Featured Products



Credits
 Installer: Infinite Home Theatre | infiniteht.com
 Photos: Sunny Daze LLC

Acoustic House

When Sensation Musicale set out to bring smart technology to this inspiring Quebec house, it brought in Monitor Audio's technology for a 'controlled performance' throughout the entire house and out into the garden.



The home has been fitted with CP-CT380 Controlled Performance In-Ceiling speakers throughout the kitchen and dining areas for a calibrated performance.

The garden dining area has been fitted with Climate 60 speakers for fantastic audio outdoors.

The living room features the Apex Series AV system in a 5.1 configuration, producing great quality surround sound that fits perfectly with the contemporary décor.

Featured Products



CP-CT380 In-Ceiling Speaker



Climate 60 Speaker



Apex Series A10V12 System

Retail Therapy

Ontario furniture retailer Niche Decor enhanced their in-store experience with high-quality audio, installed around the showroom by EQ Audio Video.



Our In-Wall W380-IDC speakers were built discreetly into the room sets around the store, delivering directed audio to each space.

Two Climate 50 On-Wall speakers line the rear wall with audio, that blends in with the white paint work.

This is all tied together with a smart control system in the checkout area.

Featured Products



W380-IDC In-Wall Speaker

Climate 50 Speakers

Find out more about Monitor Audio Architectural Speakers



Visit

monitoraudio.com for product information, to find your local specialist and to sign up for our newsletter.



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