



Music is a natural mood setter. Whether you need a lively tune to get through your household chores or a soft, easy melody to relax and unwind, music provides the perfect backdrop for all facets of your life at home. And what would a movie be without great audio? Your ears deserve to hear crisp, clear dialogue and dynamic, heart-pounding special effects as you watch your favorite films.

For more than 30 years, Paradigm has been providing audiophiles, movie buffs, and casual listeners alike with superior loudspeakers that fuse design and technology into one awe-inspiring package. The six stunning smart home projects featured in this Paradigm showcase reflect the amazing versatility of Paradigm's broad range of loudspeakers and the creative ways in which they can be integrated into a home. You'll see Paradigm speakers tucked seamlessly into ceilings and stationed elegantly on bookshelves. In the photos of other award-winning homes you'll barely notice them as they blend in beautifully with the backyard landscape. And who can forget about the home theater. Paradigm speakers are featured here, as well, delivering the most advanced surround-sound formats to the enjoyment of its listeners.

You'll notice that no two homes or entertainment areas are alike within this special Home of the Year showcase, and that speaks volumes of Paradigm's commitment to providing a superior loudspeaker solution for all home environments, listening styles, and homeowner budgets.

Whether your goal is to blanket every corner of your house with background music, stream songs from your phone to a specific area, pick up on subtle nuances of a recording in a specially designed listening room, or become immersed in the action of a blockbuster movie in a dedicated home cinema, Paradigm offers the perfect loudspeakers.

No matter how well a speaker has been engineered, however, it can only reach its full audio potential when it's been installed correctly and with deference to the unique acoustical signature of the surrounding environment. It's this level of installation expertise, demonstrated by talented and knowledgeable home systems integrators, that truly allows the Paradigm speakers in these award-winning projects to shine. Use the articles within this showcase to learn about the Paradigm possibilities and contact a qualified home systems integrator bring those ideas to fruition in your own home.



DENVER BRONCOS-THEME THEATER

TAKES THE TITLE

Ode to a fave football team and plenty of A/V power like 4K projection and 155-inch screen score a family a winning home theater. Photography by Brad Montgomery

ome theaters come in all shapes, sizes, and colors. Thankfully, when the owners of this award-winning theater sat down with the home systems integrators at TYM Smart Homes & Home Theaters, of Sandy, Utah, to brainstorm concepts for their new home theater, the house was in the framing stages, giving them a blank slate to work with. They could design the theater without much compromise, integrate technology with relative ease, and personalize the space fully.

TYM and the homeowners took the ball and ran with it, tailoring the 20-by-20-foot theater around the owner's love of football, family, and the Denver Broncos. Naturally, the color scheme for the room would incorporate lots of Broncos blue and orange. Beyond this, the A/V presentation had to be as lifelike as possible — as if the Broncos super-fan was sitting on the 50-yard line.

"Graffiti" Inspires Gigantic Screen

The screen would need to be large, but how large? To help the homeowners visualize the screen's impact on the room, TYM lead designer Matt Montgomery spray painted screen options onto the foundation walls of the basement. "This allowed the client to visualize his home theater and the impact of various screen sizes," says Montgomery. "It's a crude method, but effective."

No surprise, the homeowner chose the largest of the screen options — a super-wide anamorphic screen measuring 155 inches (diagonal). A Sony 4K projector suspended from the ceiling throws football games and movies onto the Draper screen.

50-Yard-Line Seats

Based on the dimensions of the screen, TYM calculated

SYSTEMS DESIGN & INSTALLATION

TYM Smart Homes & Home Theaters, Sandy, Utah

EQUIPMENT HIGHLIGHTS

Sony 4K projector • Draper projection screen

- Paradigm speakers
- Anthem A/V receiver Sony 4K TV Just Add Power video distribution
- Savant automation & lighting LaunchPort iPad wall mount

Paradigm Showcase Projects

the best seating location for the owner. The rest of the home theater design would revolve around this prime viewing spot. This would include a Dolby Atmos/DTS:X capable surround-sound system comprising **Paradigm CI Elite in-wall and in-ceiling speakers** and Anthem receiver. Additional seating in the form of blue bean bag chairs would occupy the floor in front of the main seating area. "Low to the ground, the bean bag seating would ensure that nothing would block the owner's view of the screen," Montgomery explains.

Going for the Extra Point

What would a game be without refreshments? At the rear of the home theater a fully stocked kitchen offers snacks and drinks ... as well as a 75-inch Sony 4K TV that displays the same video feed as what's on the 155-inch screen. There's no chance of missing an important play as you grab a cold one from the fridge. The Just Add Power video distribution system delivers the action to all other TVs in the house as well.

The extra point on the experience is a custom-designed fiber optic star ceiling, which the TYM integrators installed permanently into the sheetrock. "If you can't be at Mile High Stadium for the game, then we can create the feeling of being under the stars with your fellow fans," Montgomery says.

The entire environment — audio, video, fiber optic stars, lighting, and temperature — can be easily controlled by an app on the homeowner's iPad. The team at TYM initially configured the app with "scenes" that enable the homeowner to touch one button to command multiple devices. Since then, however, the homeowner has taken the liberty to create his own scenes as he discovers new ways to enjoy his Broncos-inspired home theater.









OLD ENGLISH PUB PACKED WITH

AUTOMATION SURPRISES

Secret biometric button on a bust of Beethoven swings open a door to a safe room. Photography by Jeremy Beck

Ideo and music are a given in any pub, be it an establishment in town or in your own home. But a safe room? Not so much. A secret button tucked underneath a bust of Beethoven that reveals that room? That's even more unusual. Biometric technology embedded in the hidden button that scans and reacts to the fingerprint of only a few certain people? Now that's one unique, high-tech bar.

In the midst of renovating their 6,500-square-foot home, the owners of this award-winning space went all out, incorporating high-tech touches throughout the residence. The newly added bar area, though, received the royal treatment, thanks to the creative minds at Texas-based Futurian Systems' Vail, Colo., team.

Mysterious Media Marvel

"The homeowners are very tech savvy and wanted something unique for their new 'Old English Pub.' Their request was very specific and straightforward, 'I want this to be the nicest home bar in all of Vail,'" says Futurian president Jeremy Beck. "Over the course of the construction, wiring, and design of the bar area, we collaborated with the homeowners to develop some solid ideas in terms of the technology that would be incorporated. The biometric scanner adds a sense of mystery and makes this bar like no other."

Stationed at the end of the bar, the statue of Beethoven sits atop a pedestal. Pivoting the bust backwards slightly reveals a button that when touched signals an

SYSTEMS DESIGN & INSTALLATION

Futurian Systems, Southlake, Texas (Vail, Colo., division)

EQUIPMENT HIGHLIGHTS

Control4 automation, lighting & A/V • Samsung 4K TV • Paradigm loudspeakers • Elk security system • Apple TV

Paradigm Showcase Projects



electronic lock to unlock, and a door to a safe room to swing open.

Beethoven and Frank Sinatra Set the Scene

The statue of Beethoven inspired other innovative smarttech twists. For example, when the owners touch a button labeled "Entertainment Mode" on a handheld Control4 remote, wall-mounted Control4 touchpanel, or a Control4 app on a mobile device, Beethoven's "Symphony No. 5" blasts through a pair of **Paradigm bookshelf speakers**. Joining in are colored LED lights behind a pane of glass at the front of the bar and fixtures that brighten and dim automatically to the owners' preferred levels. In an instant the room is ready to entertain family and friends.

While "Symphony No. 5" sets the scene, the owners can easily switch to a different piece of music by using one of their Control4 devices to access SiriusXM or stream tunes from their songs via AirPlay. One of their favorites, says Beck, is Frank Sinatra, so Futurian Systems created a special "Frank Sinatra" button that goes straight to the Frank Sinatra SiriusXM channel.

Automatic Alerts

The audio system is also able to give the homeowners a "heads up" that guests have arrived. Futurian Systems tied the Control4 audio system — which can deliver mu-



sic to not only the bar speakers but every speaker in the house — to a sensor mounted near the driveway. When the sensor detects that a car has entered the property, it triggers the audio system to interrupt the music temporarily and play a chime. The chime sounds again when the sensor detects that vehicles are leaving.

Video for Fun and Complete Home Control

To add video to the mix, another tap of a button activates a 40-inch Samsung 4K TV mounted to the wood paneling at the side of the bar. Futurian attached the TV to an articulating wall mount which allows the TV to be pulled from the wall and swiveled in all directions. Video sources include local cable TV, Apple TV, Blu-ray Disc player, and the Control4 interface which displays a menu of home control commands.

Futurian didn't stop at providing only entertainment in this bar, however. From the same control devices that provide access to video and music, the owners can operate an Elk security system, Control4 smart light switches throughout the house, and direct music and video to other speakers and TVs.











RENOVATION'S AUTOMATION SYSTEM HELPS SHOW OFF

COLORFUL PERSONALITIES

he young couple that bought this New York house decided to do a full-gut renovation and wanted to update the entire house with modern technology. They turned to Global Custom Integrations (GCI), of Hawthorne, N.Y., which went in with the typical A/V pitch and earned the trust of the owners, who ended up hiring the integrator as their lighting and decorating/design firm. "The owners wanted us to pick out lighting fixtures for them and design a lighting system by which they could change color depending on their mood and entertainment needs," says GCI president Dan Hong.

GCI worked with builder CCM Construction's electrician and designed a DMX lighting system in the kitchen, master suite, and master bath (and Control4 panelized lighting elsewhere). The homeowners wanted to be able to check into their Sub-Zero fridge, turn on fans, air conditioning, music, TVs, security and control shades all from



SYSTEMS DESIGN & INSTALLATION

Global Custom Integrations, Hawthorne, N.Y

EQUIPMENT HIGHLIGHTS

Control4 automation

- Epson projector •
 Screen Innovations
 138-inch screen Sonus
 Faber, Stealth Acoustics
 speakers Paradigm
 in-wall subwoofer •
 Samsung TVs McIntosh
 Integra AVV electronics
- QMotion shades
- Ruckus, Pakedge



the Control4 automation system app. Additionally, GCI installed two dozen-plus Hikvision IP cameras throughout the house, into crown moldings to be concealed for use as pinhole nanny cams.

For A/V, highlights include a 32-inch mirror TV within the custom 150-inch custom Electric Mirror in the master bathroom; Dolby Atmos systems in the living room and master bedroom; and dedicated Atmos theater featuring McIntosh gear, Sonus Faber speakers, and **Paradigm in-wall subwoofer**. A Leaf HDMI matrix routes content from video components to six video zones. Outdoors there are Madison Fielding planter speakers and Acoustic Landscape speakers on the perimeter, and GCI programmed the exterior lighting to automatically turn on at sunset and off at sunrise.







'DOWNSIZE' HOME PROJECT OFFERS

TONS OF TECHNOLOGY UPSIDE

ne of Atlanta Audio & Automation's best and oldest clients called the integration firm and said it was time for him to downsize. "I said, 'Bill, 7,000 square feet is some downsize!' The new home for our client is a 60-year-old home that had a complete makeover inside and out. For us to get started, we needed to completely rewire the home," explains Atlanta Audio & Automation vice president and owner Cheryl Ampel.

All new wiring went to each room from the main system in the basement. The home's integrated subsystems are governed by a Control4 automation system — HVAC, alarm, garage doors, surveillance cameras, and lighting controls. One example of integration is that one touch of a button on the two door stations in the home will mute the music and play



SYSTEMS DESIGN & INSTALLATION

Atlanta Audio & Automation, Atlanta, Ga.

EQUIPMENT HIGHLIGHTS

Control4 automation,
A/V distribution •
Lutron lighting • Sony
4K projector • Screen
Innovations projection
screen • Paradigm
speakers • Yamaha,
Oppo electronics
• Sanus mounts •
SpeakerCraft outdoor
speakers • IC Realtime
surveillance • Pakedge
wireless network
• Panamay power











a chime of the client's choosing; once finished, the music comes back to its original state.

Speaking of music, there are eight zones of distributed audio; the home has the same amount of distributed video zones. Each room or zone has its own TV and in-ceiling speakers, the owner just engages the user interface and the system comes to life. Despite his effort to "downsize," a big highlight happens upstairs, where the owner now finds a well-planned 4K projection, Dolby Atmos surround-sound media room. The space features a Sony projector that beams onto a 120-inch Screen Innovations Black Diamond screen with LED backlighting, while **Paradigm Prestige speakers** dole out the audio. And for a video highlight of a smaller scale, Atlanta Audio & Automation installed in the master bathroom a 19-inch Séura waterproof TV that is embedded in the tile wall of the shower.





CUSTOM TOUCHES & STEALTHY SYSTEMS

FUSE TECHNOLOGY INTO HOME DESIGN

he Vail Valley, Colo., division of Texas-based Futurian Systems was approached to design, install, and now maintain one of the most custom home systems it's ever delivered — capped by a jaw-dropping motorized equipment rack. For a home built in 1992, the remodel was expansive, says Futurian president Jeremy Beck. Great care went into the planning of major technology upgrades and the owner "wouldn't settle for anything less than 'stealth,'" so Futurian focused on how to hide as much as possible.

The first step was to lay a solid wiring infrastructure for the 6,000-square-foot home, and challenges started immediately, says Beck. "Multiple trailer-loads of wire were delivered on a tight schedule to be installed before the drywall was to go back up. With the home being four stories, and retrofit in nature, wiring paths had to take large detours to reach their destination," he says, noting 320 man-hours ensured proper execution. Once the trim phase was reached, more adjustments had to be made. Speakers were moved to achieve exact symmetry within

SYSTEMS DESIGN & INSTALLATION

Futurian Systems, Southlake, Texas

EQUIPMENT HIGHLIGHTS

Control4 automation, lighting & A/V distribution

• Sharp UHD displays •

Paradigm speakers •

Pioneer, Sony electronics

- Strong equipment rack
- QMotion shades ihiji remote monitoring •
 Nest thermostat

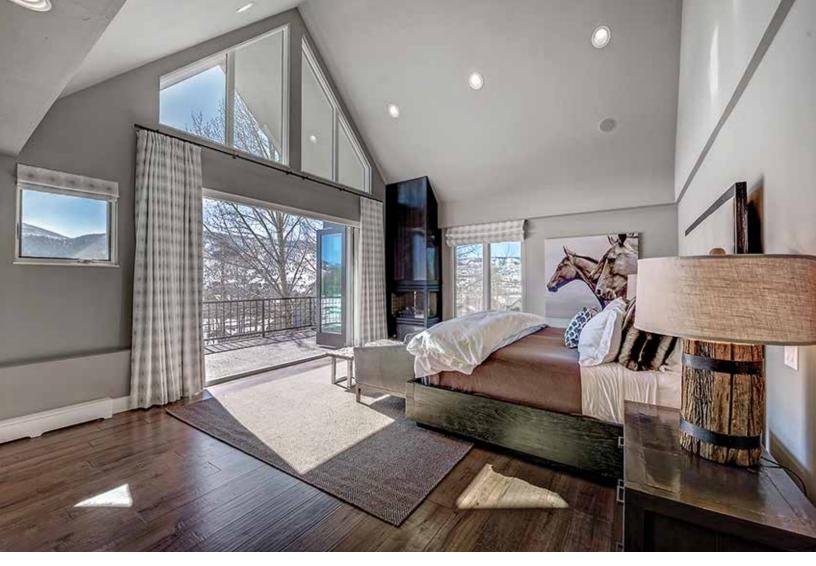




each room. TV placements were modified to create balance within the lines of walls, fireplaces, corners, and shelving. The positions of thermostats, security keypads, and touchscreens were fine-tuned so no items seemed out of alignment.

"The most fascinating complementary feature of the system is the motorized equipment rack," Beck enthuses. "Many hours were spent engineering, installing, and modifying the actuator and track system to







deliver a mechanism that would roll the 7-foot, almost 1,000-pound rack, in and out of the wall with the push of a button." In the end, Futurian produced a stealthy system that includes 11 zones of full climate and humidity control, automation of doors, camera surveillance, lighting control, security, A/V distribution, motorized shades, robust home communications, and even an integrated hot tub.





HOME MONITORING COMES TO LIFE IN SARASOTA 'JEWEL'

Homeowners stay connected with their Florida home from their main house in France, thanks to a Crestron home automation system. **Photography by Ryan Gamma**

hen you live thousands of miles away in a different country from your vacation home, staying connected can be difficult ... unless you've outfitted your getaway with a home automation system that can be accessed remotely. The owners of this "Jewel Box House" in Sarasota, Fla., did just that, choosing a Crestron automation system as the link from their home in France to their seasonal Florida destination.

"The ability to control aspects of the Sarasota residence remotely was extremely important to them," says Mark Bolduc, president of Wicked Smart Homes, the local integration firm hired to outfit the house with a plethora of smart systems. "They not only wanted to make sure the home was secure and operating efficiently in their absence, but also wanted an easy way to visually monitor activity in and around the house."

Super-Smart Surveillance

Bolduc and his team outfitted the 5,000-square foot house with several strategically located Visualint surveillance cameras. "These are the next generation of IP cameras," Bolduc says, noting that in addition to standard features like the ability to view footage in real-time remotely via smartphones, the cameras can be configured to notify the owners of activity under specific conditions. They can be set up to watch only a certain area of the property at only certain times of the day, for example. The ability to fine-tune each camera ensured that the homeowners would only be alerted when absolutely necessary — like when a person stepped onto the property in the evening — rather than every time the landscapers come. Wicked Smart Homes also created a virtual perimeter at the seawall, which would ensure that

SYSTEMS DESIGN & INSTALLATION

Wicked Smart Homes, Sarasota, Fla.

BUILDER

Voigt Brothers Construction

ARCHITECT

DSDG Architects, Mark Sultana

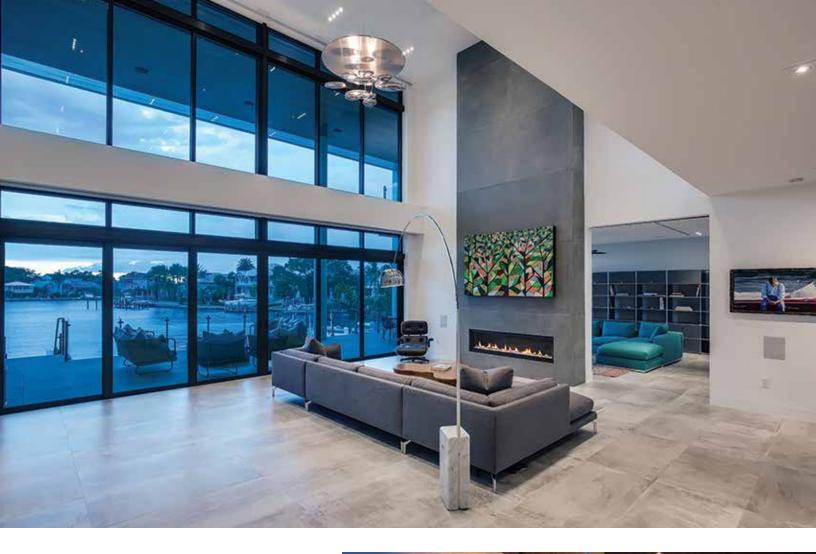
EQUIPMENT HIGHLIGHTS

Paradigm, Terra speakers • Leon soundbar • Anthem A/V receiver • Autonomic music server • Sony TV • Crestron automation, thermostat & A/V distribution • Lutron lighting & shading • Pakedge networking • Visualint (SnapAV) surveillance camera •

Paradigm Showcase Projects

Holovision intercom •

Pentair pool control



nobody would trespass onto the property from the water.

Complementing the cameras in their vigil are two Yale electronic door locks and a Liftmaster garage door opener. "These two elements are important to seasonal homeowners because they allow them to let maintenance people into the house and property without having to provide keys," Bolduc remarks. From their home in France, or anywhere else for that matter, the homeowners can create unique codes for people to enter, change codes on a whim, and enable codes only for certain periods of time.

Choreographed Lights, Audio, and Shades

Meanwhile, the Crestron system provides the owners with a means of controlling the home environment. From a Crestron mobile app, they can prep the house as they leave the airport, adjusting the Crestron thermostat and opening the Lutron HomeWorks QS window shades, for example. They might also turn on a few lights, courtesy of the Lutron HomeWorks QS system, and instruct an Autonomic Mirage media server to stream music to the **Paradigm speakers** and Leon Speakers soundbar in the family room. As they pull into the driveway, the house is bright, welcoming, and comfortable for their arrival.

In the same easy manner they can prepare the house for their departure, using their smartphone to sweep through the house to close the shades, adjust the ther-



mostat, turn off the lights, activate the security system, and lock the doors as they drive away.

The app comes in just as handy for simplifying everyday routines. The three in-wall Crestron touchpanels serve as home control dashboards, showing the owners the status of every light, shade, camera, door lock, security sensor, thermostat, and Pentair swimming pool controls on the premises, and enabling them to adjust the settings.

The Crestron system also delivers music and video to several destinations in and around the house. Using a Crestron remote, the owners can cue video to play on any or all of four Sony TVs. Audio from the Autonomic Mirage Music system can be dispatched to nine listening zones comprising a pair of Terra speakers poolside, and a surround-sound system in the family room, where an Anthem receiver, **Paradigm speakers and subwoofer**, and 75-inch TV do the entertainment honors.

No matter the season, no matter the day, or if they're five minutes or 5,000 miles away, the homeowners of this Sarasota home are in complete charge of their waterfront destination.







