THE ART OF SOUND

Sophisticated Home Audio

Control4®

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MUSIC IS FUNDAMENTAL TO OUR LIVES

Music is all around us.

It's cross-cultural.

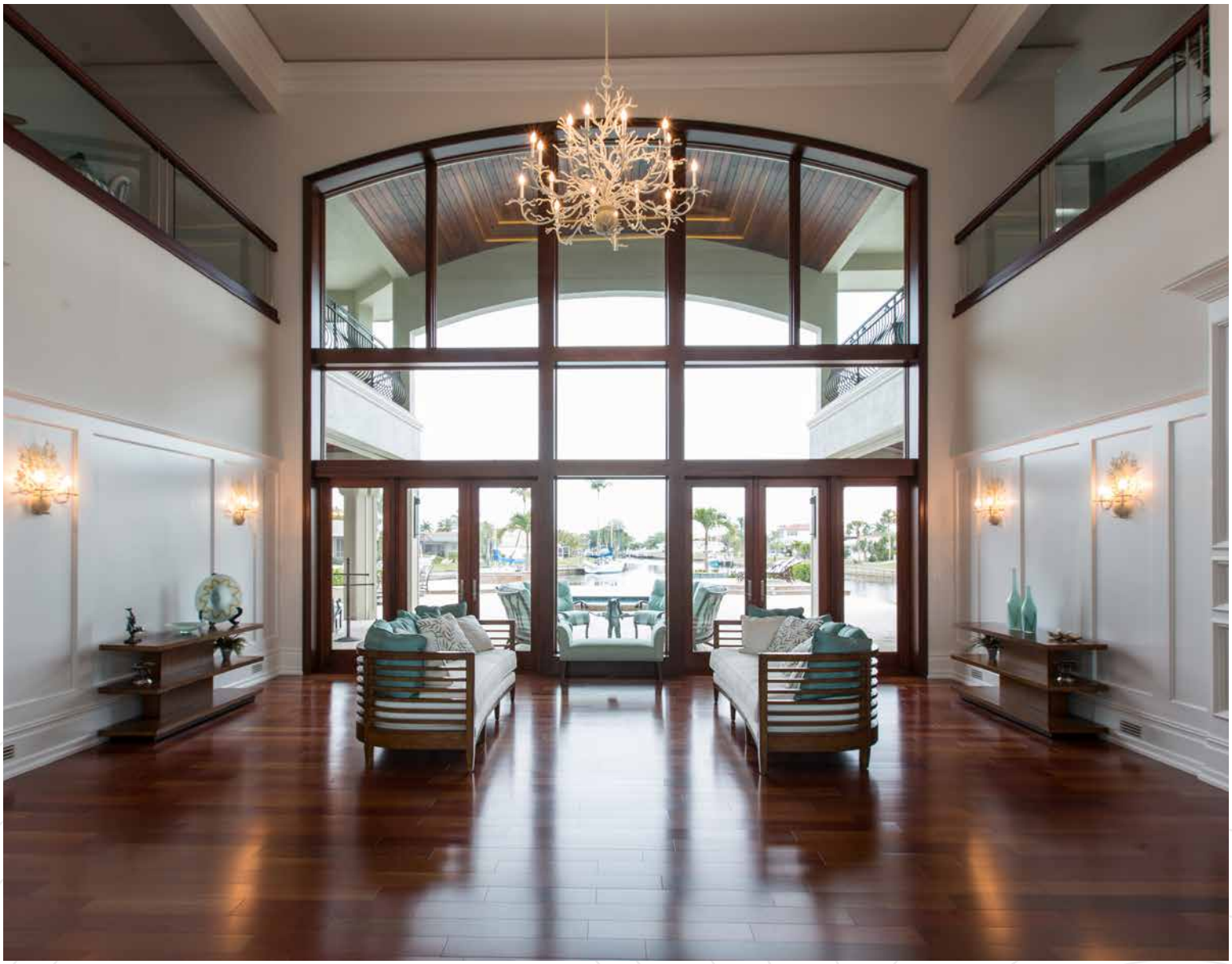
Cross-generational.

Music is the unseen art that permeates our lives. We use it to celebrate, reflect, unwind, or create a mood. Music more than shapes an atmosphere—it shapes us.

We all have an inherent connection to our music. And while technology makes our favorite music more accessible, it can also degrade the listening experience, stripping away the composition's original detail and quality. Compromised listening has become so universal, most listeners, even music lovers, don't recognize the limitations of their experience.

Have you ever attended a live performance in a venue with spectacular acoustics? For many, this is the pinnacle of musical gratification. The music is more than just sound waves in your ears—it's a vehicle for emotion, the soul of the songs and the artists who create them. Such closeness enables a new appreciation for the art.

What if you could recreate that experience in your home and feel the intimacy with your favorite artist through the detail of his or her work? With the Control4 line of Triad® audio products, it's possible to once again enter that room with the singer, the symphony, or the band. You'll enjoy the power, emotion, and complexity of the music you love—right at home—just as the artist intended it to be heard.



HIGH-RESOLUTION MUSIC FOR EVERY ROOM

Whether you're a casual listener, an audio enthusiast, or an audiophile, you should love the way your music sounds. Control4 brings great-sounding music to every room of the house. From the content to the amplifiers and speakers, the Triad audio line from Control4 has been engineered specifically to combat low-quality, lifeless music.

We welcome you to...

Experience it.

Feel it.

Remember it.

WHY HIGH-RESOLUTION AUDIO MATTERS

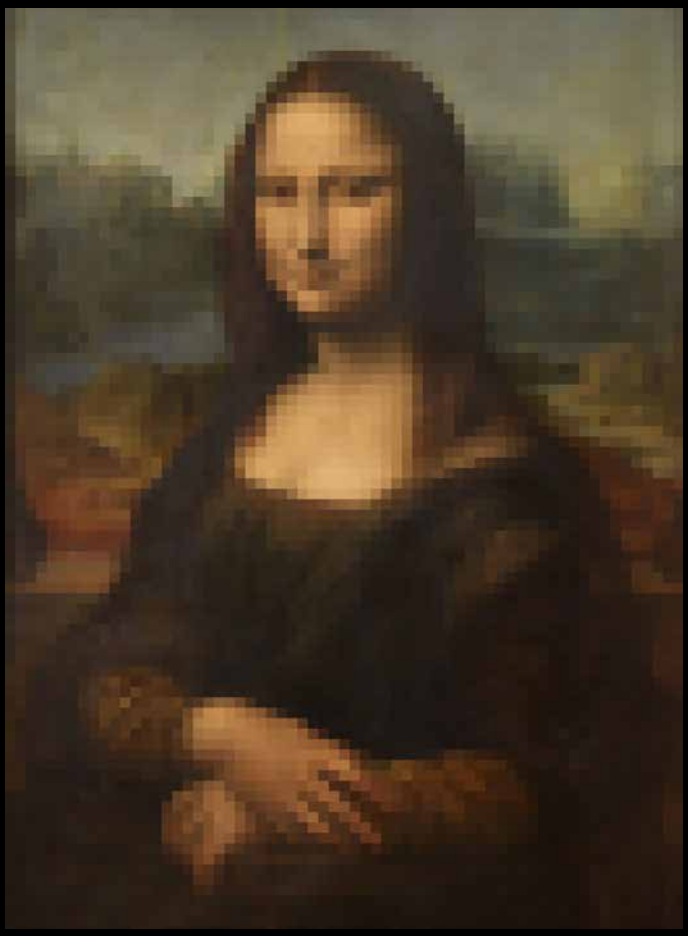
A number of things impact the way prerecorded music sounds, but the quality of the recording and the quality of the playback equipment are some of the biggest factors that influence the music experience at home.

Think of these images of the Mona Lisa as a visual representation of sound and how music content and equipment work together.

COMPRESSION

Today most music is saved as a digital file on our phones and computers. Compression is the process of shrinking a file to consume less memory, allowing you to save more music. Compression removes portions of the music, much like squishing a photo. It's still the Mona Lisa, but some of the detail is missing. And no matter how good your amplifier or speakers are, they cannot add detail back into music that has been compressed.

DISTORTION



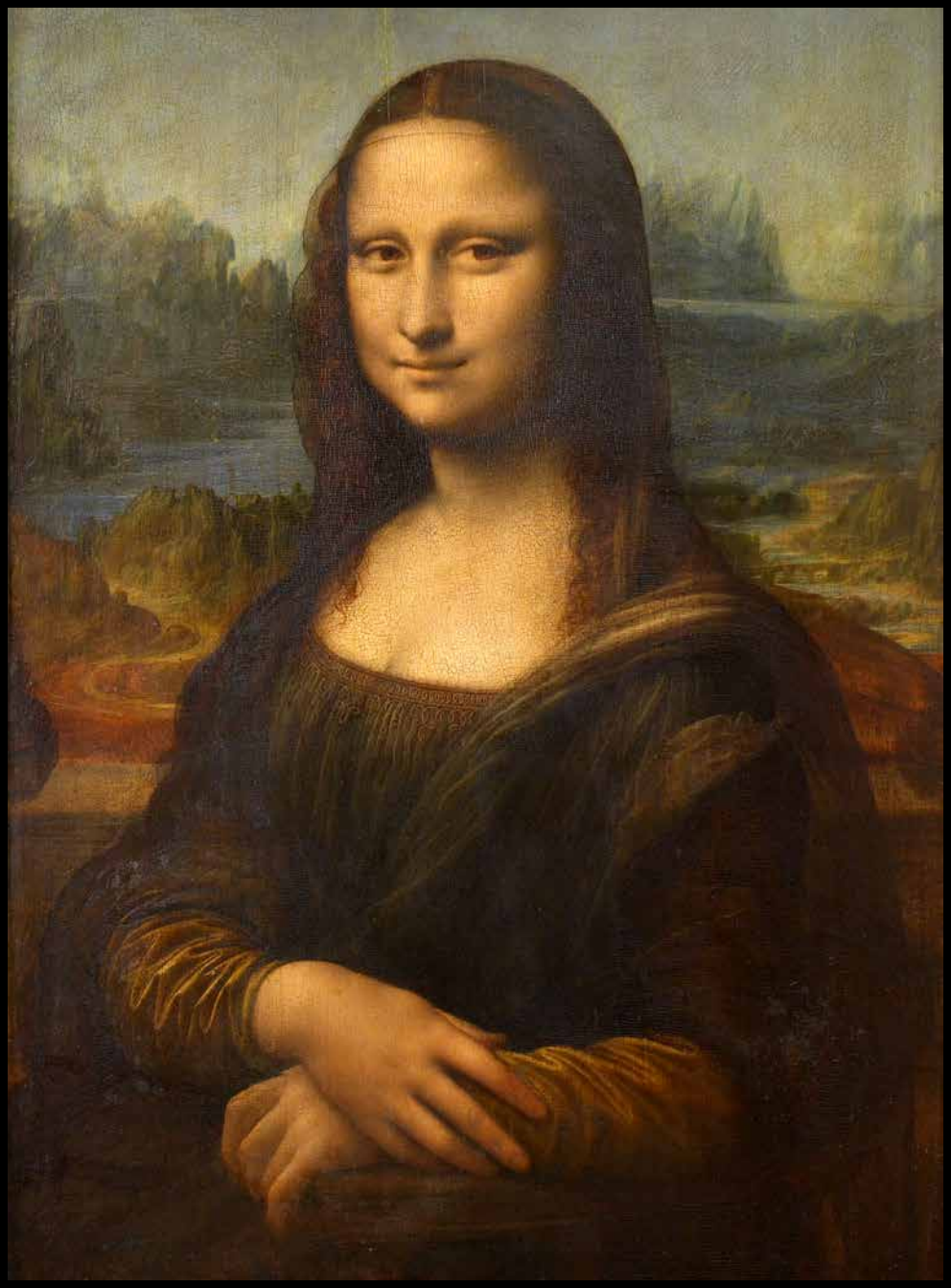
The electronics we use for music playback can make the music sound harsh, especially at elevated volumes. This harshness is called *distortion* and is a key reason why loud music on a low-quality radio or stereo hurts your ears. In our analogy of the Mona Lisa, distortion transforms smooth transitions to harsh blocks. And no matter how good the quality of the content, electronics with high distortion cannot accurately reproduce the sound.

DYNAMIC RANGE

Dynamic range is the ability for a piece of audio equipment to accurately play the range of sounds from softest to loudest. The human ear has a dynamic range of about 120 dB, but low-quality audio equipment may be able to reproduce a range of only 90 dB or below, which makes the music sound flat.

Low dynamic range is the equivalent of removing color from our photo. And no matter how high the quality of the content, some electronics just aren't built to deliver full dynamic range. On the other hand, equipment with high dynamic range makes music sound more true to life, even if it's compressed.

HIGH-RESOLUTION



Control4's products retain the beauty and artistic quality of the original music. They support extremely high-resolution audio formats including 24-bit audio—the same level of audio that you get with today's high-fidelity Blu-ray movies. And our Triad line of high-resolution amplifiers and audio equipment is engineered with extremely low distortion and high dynamic range, so all of your music just sounds better, replicating what was originally recorded...

A vivid and bold work of art.

NOTABLE NUMBERS

TRIAD QUALITY AMPS
>109 dB of dynamic range
24-bit audio up to 192 kHz
0.005% total harmonic distortion

STANDARD AMP
86 dB of dynamic range
16-bit audio up to 44.1 kHz
0.3% total harmonic distortion

Living Room
TIDAL
Something Just Like This
Despacito
Thunder
Feel It Still
Stay
Nobody But Me
Thunder

MULTI-ROOM AUDIO WHAT DO I NEED?

So, you've decided you want to listen to pristine-quality music in your home. The first question is, where? Whether you start with music in a single room or distribute audio throughout the entire house, immerse yourself in music while preparing dinner, entertaining guests, getting a sweat on in your home gym, or just relaxing with a glass of wine on the patio. With Control4, you can enjoy music in one room or every room.

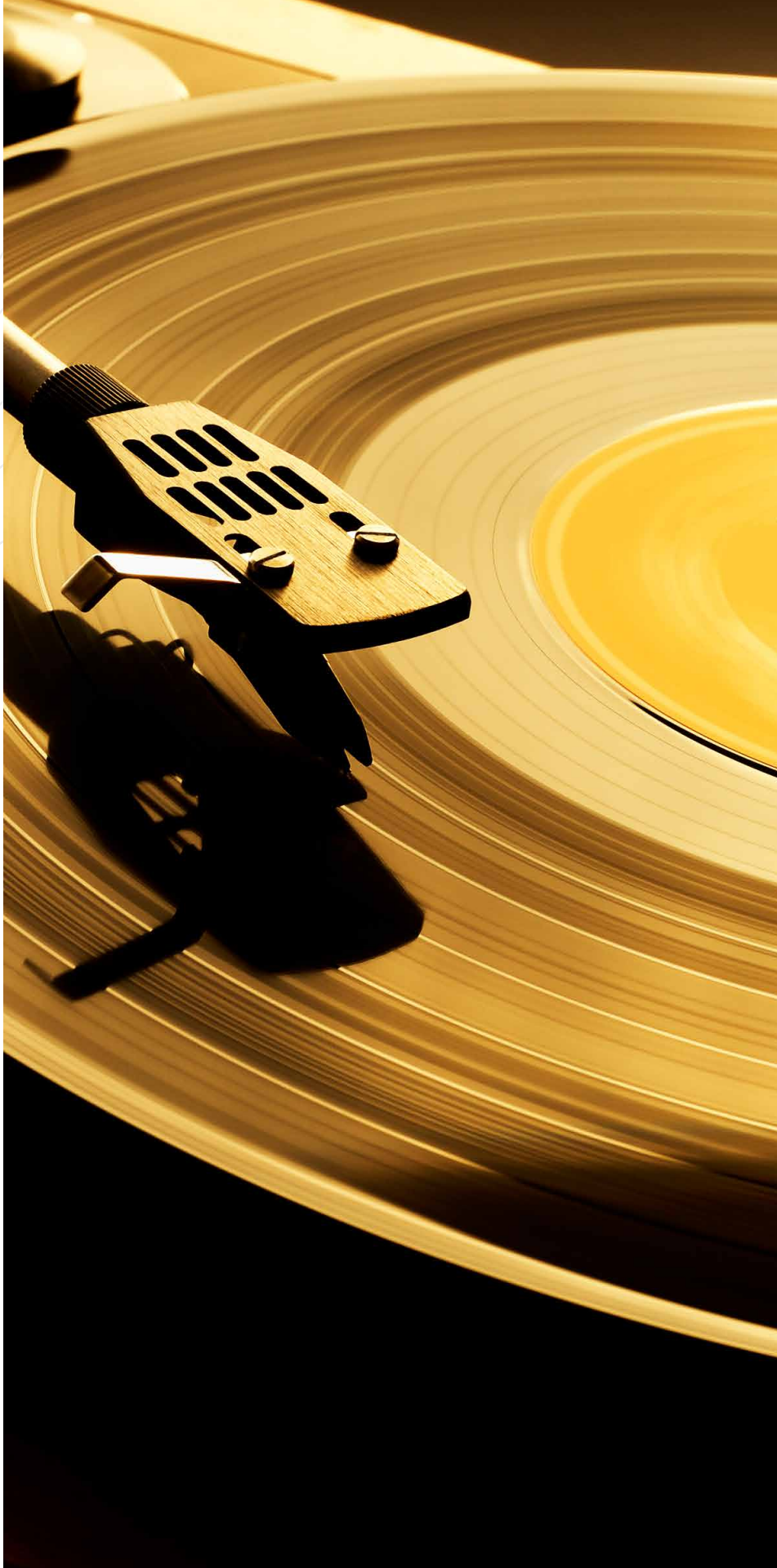
Once you've decided where you want to listen to music, let's talk about the components you need to deliver it.

1 CONTENT

Whether it's a stack of CDs, a shelf of vinyl, a hard drive with your digital collection, or a streaming music service, what you want to listen to is where you'll start. Control4 gives you so many options. Streaming music services* are built in, so you can listen to your favorite songs or discover new artists using Deezer, iHeart Radio, Pandora, Spotify, Napster, Tidal, and TuneIn. You can also stream music from your smartphone or listen to your own digital music collection stored on a computer or hard drive. And if you want to go old school, you can even connect your turntable or CD player so you can listen to that content throughout the house—even on the patio.

2. AUDIO SOURCE

We used to think of "audio source" in terms of a turntable or CD player—it's the device that plays your content. Today, digital music reigns king, so you need a digital music player such as a computer, smartphone, music server, or some kind of all-in-one music device. With Control4, a music server is built into the brain of the Control4 system, the *controller*. The controller organizes your music collection and plays digital music files as well as streaming music services, and delivers ultra-low distortion, professional-grade dynamic range, and support for high-resolution sample rates and bit rates. It is the best of the best at playing your music.

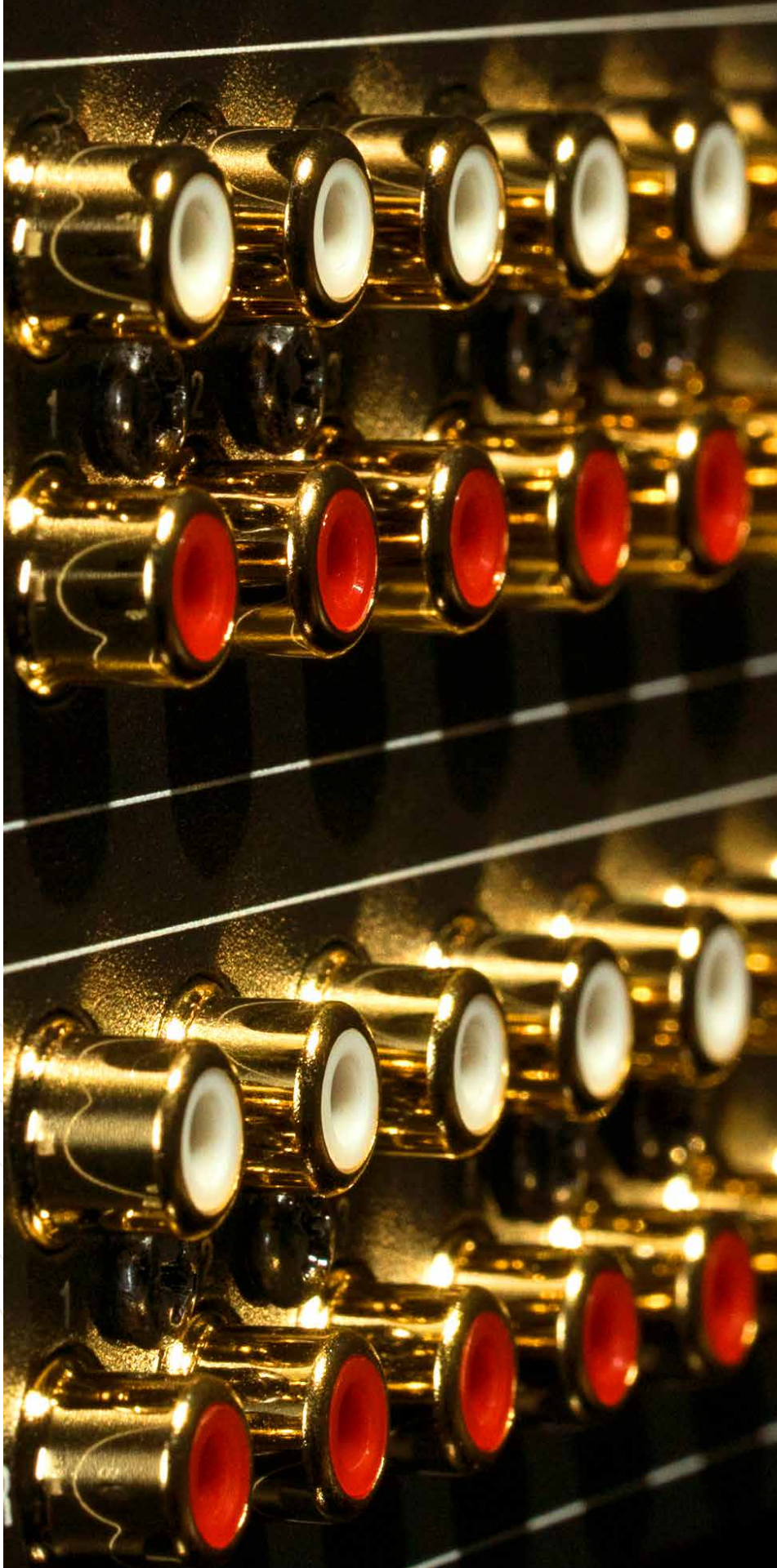


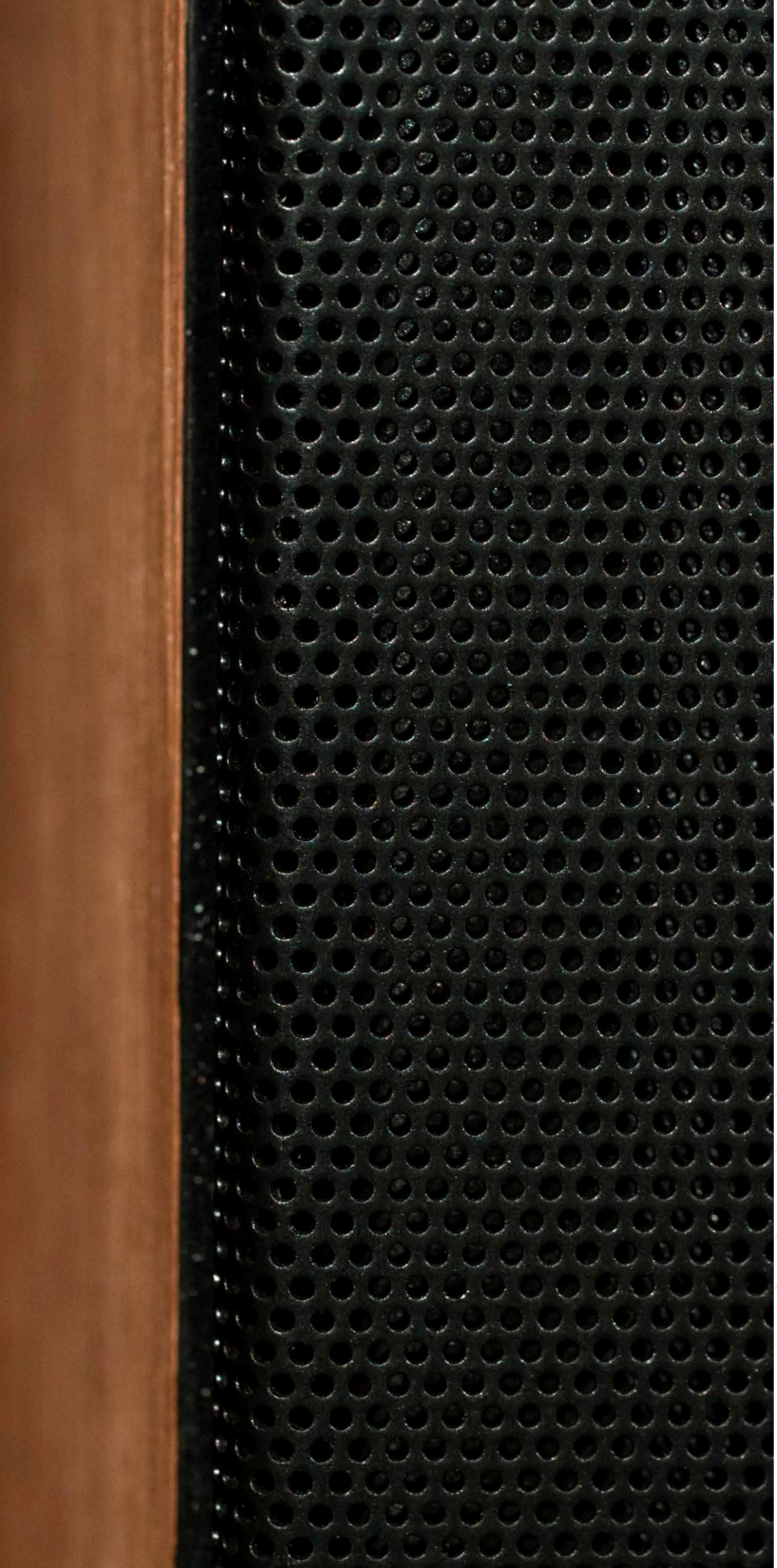
3 USER INTERFACE

With so much music that is instantaneously available, you want easy access. Naturally, most people think of using their smartphone, and, of course, this is a great way to control your music throughout your entire home. But while it can be incredibly convenient, sometimes it doesn't make sense to fumble with an app just to get the music started. With Control4, having other interfaces at your disposal—such as a keypad on the wall, a portable touch screen, or even just your voice—makes your tunes more accessible than ever. And your favorite music can even begin to play as you walk in the door after a long day—without touching anything at all.

4 MULTI-ROOM AUDIO AMPLIFIER

An audio amplifier boosts low-power, inaudible audio signals from the playback device to a level that is strong enough to power your speakers. A multi-room amplifier is one that connects to speakers throughout the home and allows you to listen to the same (or different) music in every room. One advantage of this centralized audio amplification is that the electronics can all be neatly hidden away in a single location. Control4 offers a variety of multi-room amplifiers designed to deliver exceptional sound for crystal-clear music that is never harsh or overpowering, but also to allow you to crank it up.





5 SPEAKERS

In the same way that there are big differences in food quality from different restaurants, quality of cars from various manufacturers, or even shoes from different brands, there are huge differences in the sound you will get from different speakers. Our passion is to develop speakers that sound completely real, reproducing the music the way the artist intended. To get what we call the "Triad sound," our engineers take months—sometimes years—to evaluate designs and components for every speaker we build, including speakers that are specifically designed for large rooms, small rooms, formal rooms, and everyday rooms. Many Triad speakers are built to order and handcrafted for the homeowner. And they blend in with the décor of any home while sounding incredible.

CASE STUDY

CHALLENGE

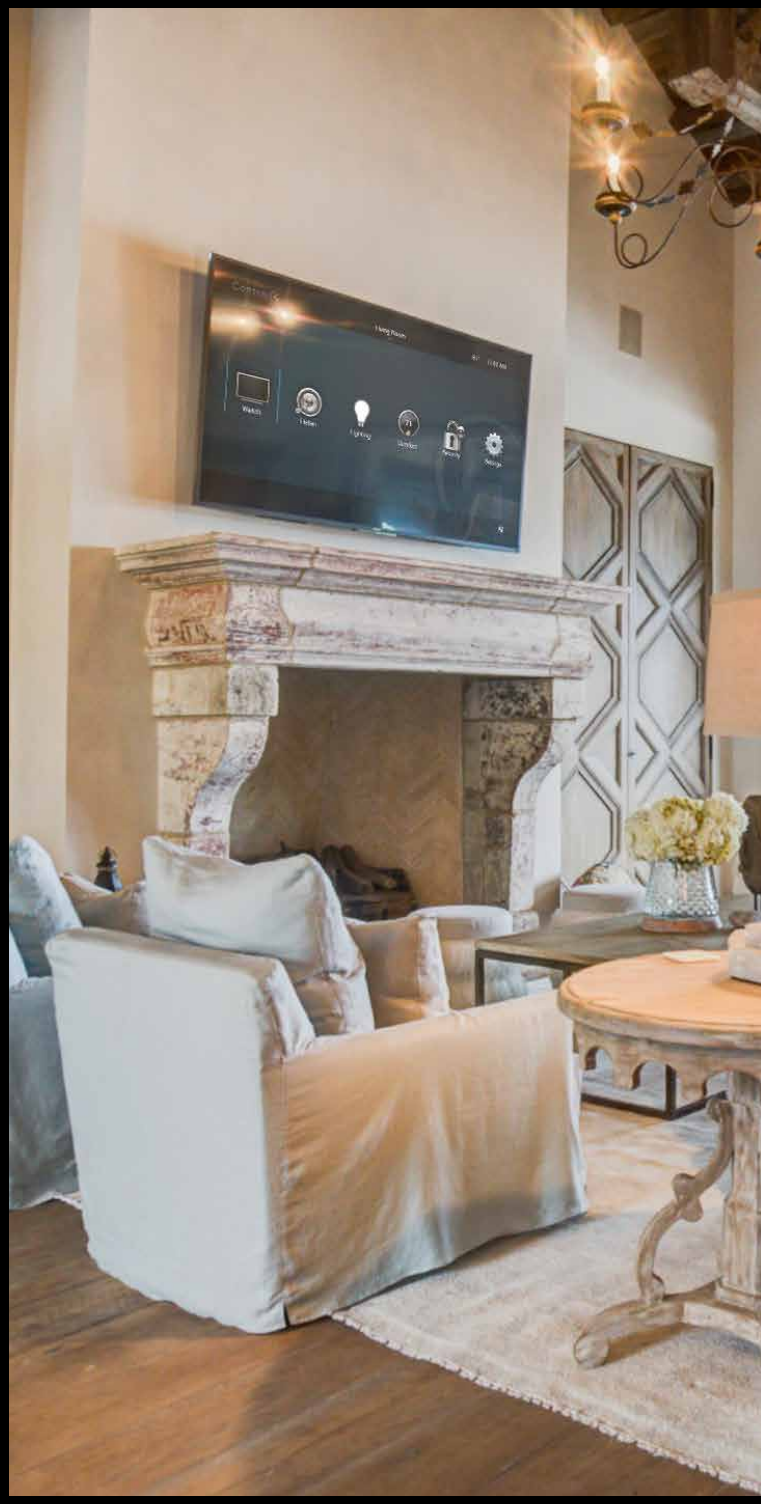
When building the ultimate vacation getaway, it was a top priority for these homeowners that every detail and design element was to their exact specifications. And one of the most important aspects for this entertainment oasis was a robust audio system that could be activated in any room and piped throughout every inch of the house.

SOLUTION

The multi-room audio experts at Dynamic Integrations designed a multi-zone, multi-source audio system that streams all of the latest tunes from the cloud to 23 listening areas and more than 30 pairs of speakers at the touch of a button, making this lakeside property a party haven!

CONTROL4 DEALER
Dynamic Integrations, Inc.

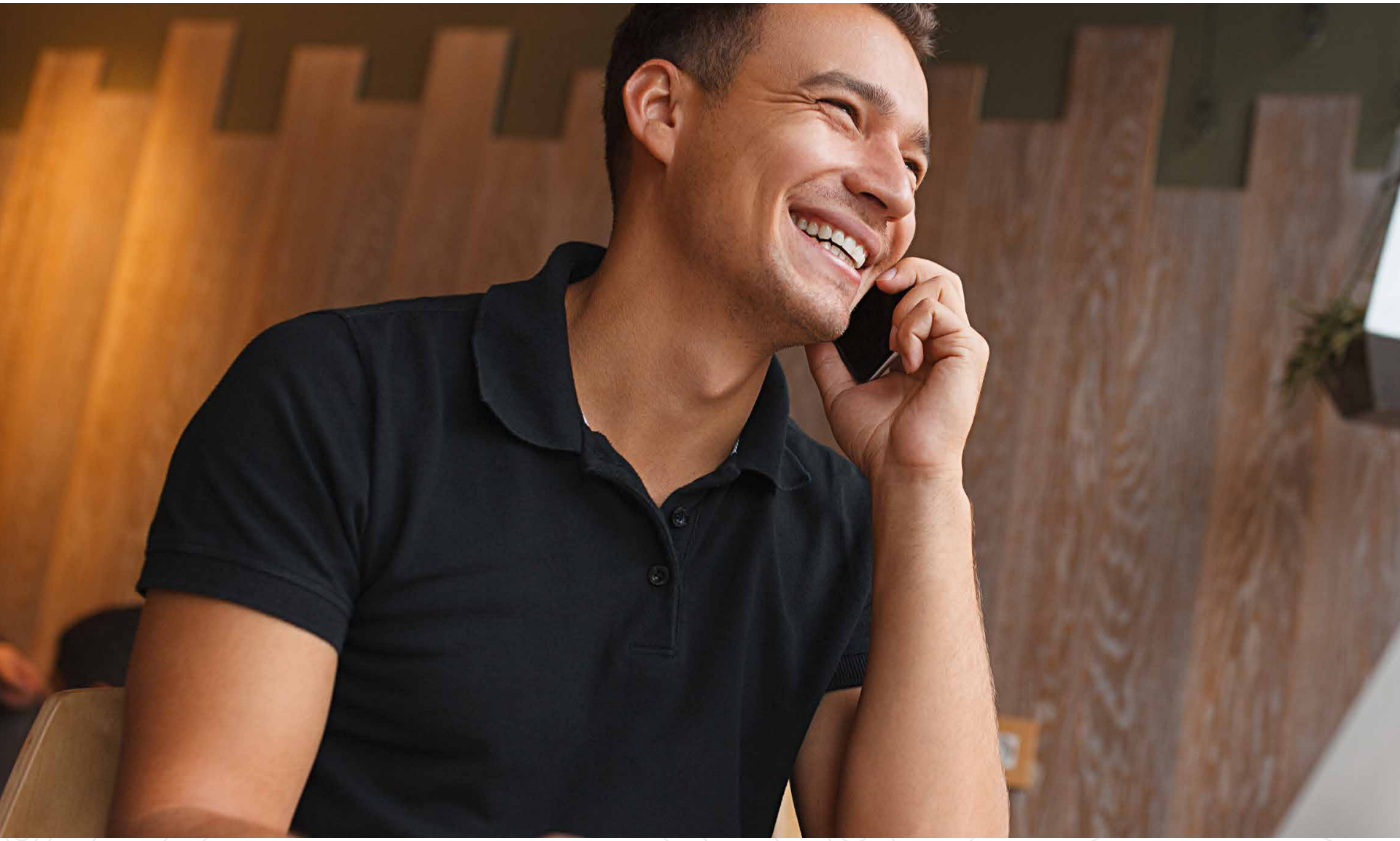
LOCATION
Austin, Texas



“Depending on the type of party they are throwing—and even who is throwing the shindig—the home is ready to roll with the punches. Different “scenes” cue up specific playlists in certain places in the house, and the lights will even change based on whether it’s a ladies’ night or guys’ night, or if they are entertaining together.”

Derek Boyls,
Dynamic Integrations, Inc.

LAVISH IN LAKE TRAVIS

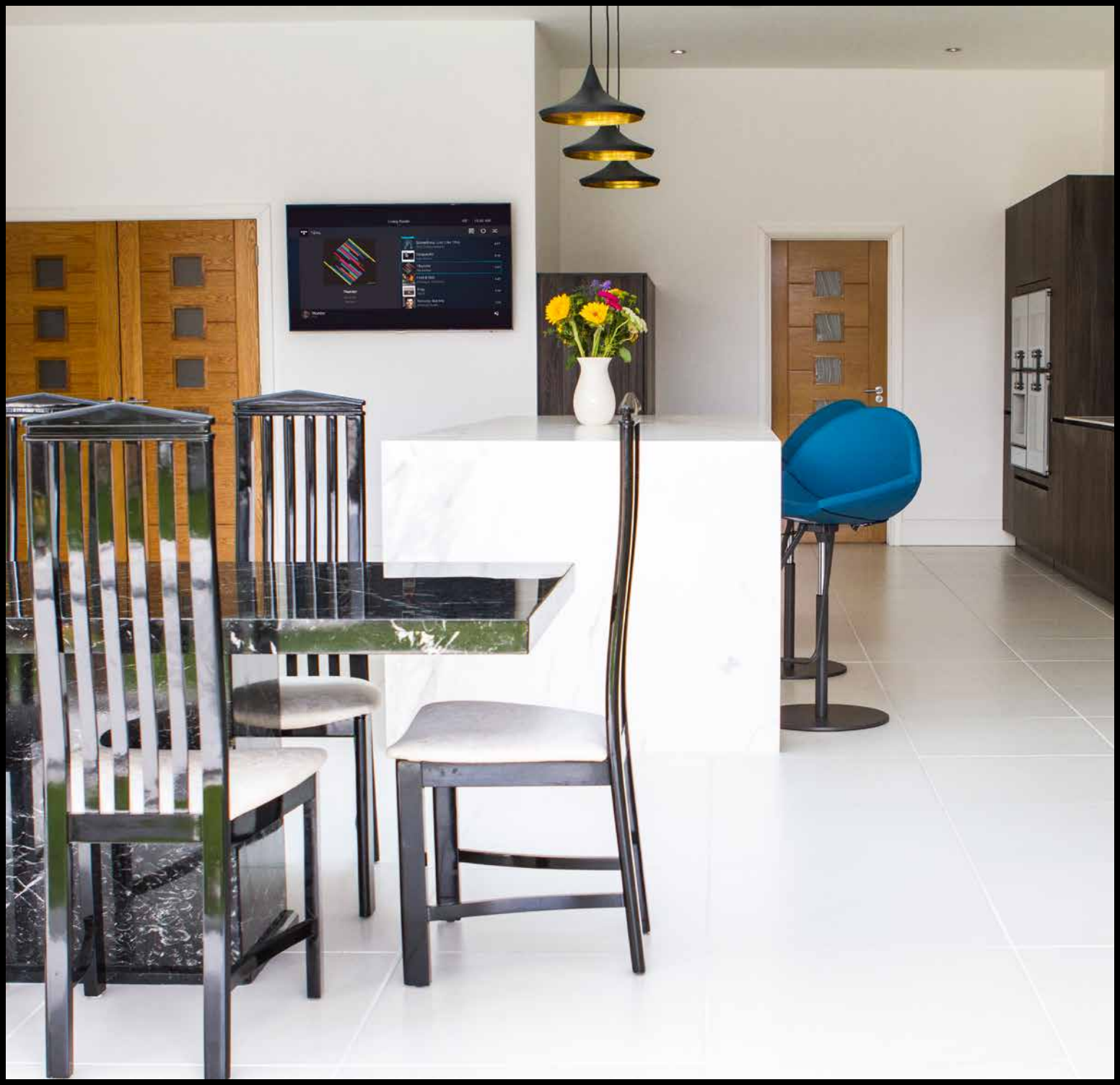


THE ROLE OF YOUR AUDIO PROFESSIONAL

The best way to get a whole-home audio system that sounds fantastic, blends with your home's décor, fits your lifestyle, and can be enjoyed for years and years, is to work with an experienced audio professional. Certified by Control4 after completing extensive training, your dealer is there to support you and your system every step of the way. They will carefully assess your audio wants and needs and establish a solid foundation that works for today and what you may want in the future. Many of our customers maintain long-standing relationships with their dealers, turning to them as their families grow and technology is added into the home.

“After a stressful day at work, I like to listen to classical music in a relaxing ambiance. I can now de-stress every night at the touch of a button.”

Nazlim Meghji,
Homeowner



JEWEL IN THE CROWN

STATE-OF-THE-ART SPEAKERS FOR ALL SPACES

Almost as important as the listening experience is the physical appearance (or disappearance) of the speakers in every space. For over 30 years, Triad has meticulously engineered some of the most sophisticated speakers, from custom designs to high-resolution clarity.

In-ceiling, in-wall, on-wall, and in-room speakers deliver fantastic sound, but they can also be matched to any size, paint color, or to over 20 wood veneer options. Or, go virtually invisible with speakers that seamlessly blend into the walls and ceilings.

When entertaining outdoors, complement discerning architectural landscapes without compromising sound quality. Garden Array speakers can be added to the multi-room experience, so you can bring the party into the open air and never miss a beat while traveling from the kitchen to the gazebo.

THE TRIAD DIFFERENCE
Triad's 30-year heritage of delivering exceptional audio solutions is rooted in its unwavering attention to design and detail, its uncompromising focus on the quality of the listening experience, and the special customization of its products.

“

My clients love music and want to be able to listen to it throughout their home. It’s something that has become a staple in most of my building projects. But it’s not always easy to balance the performance requirements of speakers with the design aesthetic my customers expect. It’s nice to now have a solution that is low profile and sleek but also delivers the music quality that my homeowners expect.

”

Rose Barroso,
Barroso Homes

THE CONTROL4 ADVANTAGE

For nearly 15 years, Control4 has focused on coordinating technology in homes small to large, new and old, into complete, brilliant experiences—interactions that fit the lifestyles of the individuals and families who live there. With one touch, dim the lights, stream high-resolution music, turn up the heat, lock the doors, and arm the security system.

INTERFACES

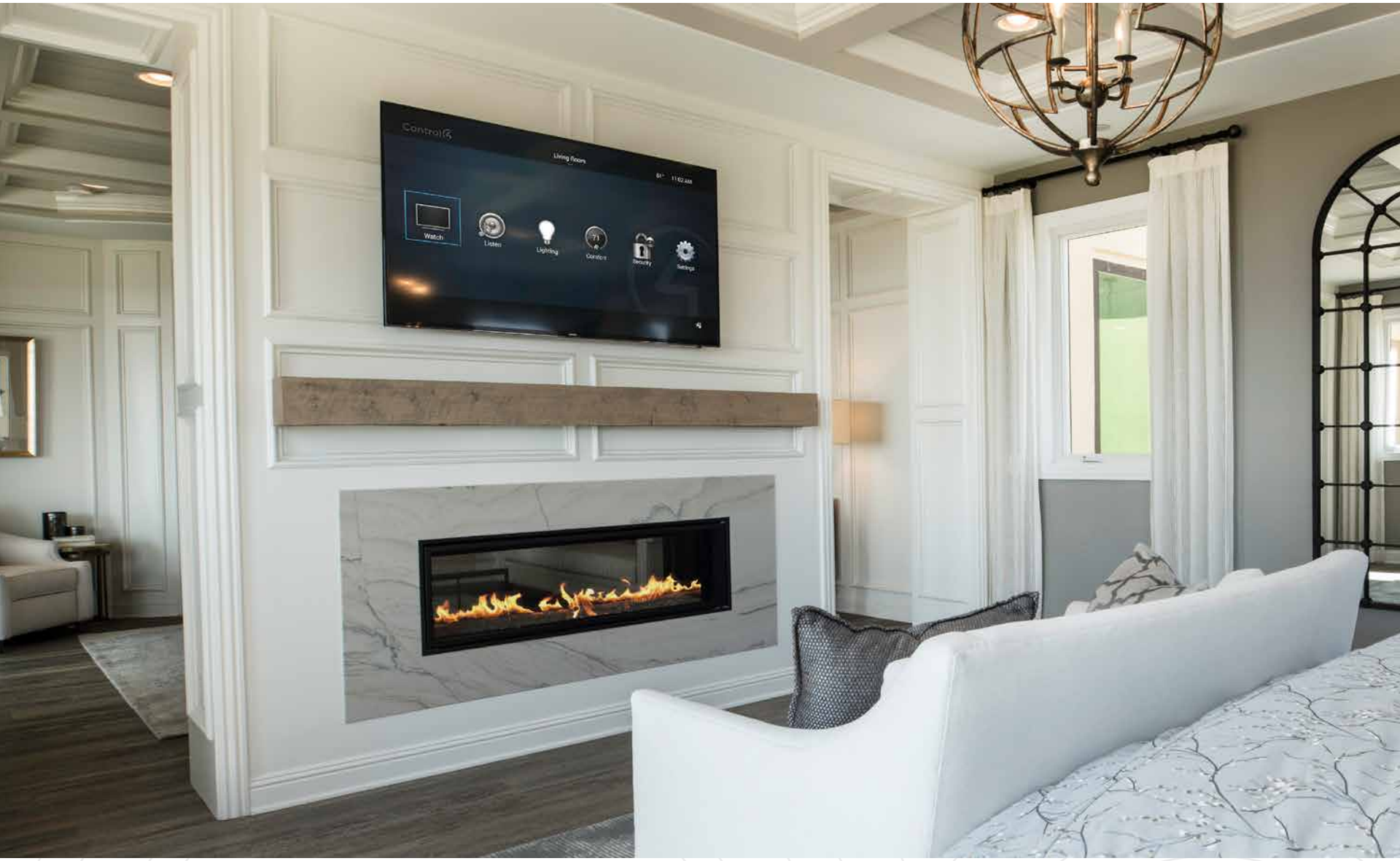
Whether it's a handheld remote for your video experience, a touch screen to browse and play music, or a keypad to manage lights, shades, audio, and more, Control4 has many interfaces that allow you to interact with your home however you choose. And should you prefer no interface at all, our integration with Amazon Alexa allows you to control anything in the house.** Each method of control is designed for simple and easy access to the features you use most, with a consistent look and feel across all devices.

CONTROLLERS

The controller is the brain of the smart home, allowing the electronic devices in your home to work together—from lighting and security, to music and video, and pretty much anything else in between. Whether you're automating a single room or a sprawling mansion, Control4 controllers are capable of powering your entire home automation system. And because our controllers offer ultra-low distortion, professional-grade dynamic range, and support for high-resolution audio, they are great for playing your music at home.

SOLUTIONS

Control4 offers a myriad of smart-home solutions to fit the needs of any homeowner. Whether it's the desire for a robust, reliable network or for solutions to maximize your comfort, entertainment, peace of mind or convenience.


Control4
Living Room
Watch
Listen
Lighting
Comfort
Security
Settings

ADDING SMART TO YOUR SOUND

When you mesh your multi-room audio experience with a Control4 home automation system, you can give even more life to your listening.

Imagine this: Gradually waking each morning to a Spotify playlist that slowly increases in volume in the master bedroom and bathroom areas, and auto-starts in the kitchen a half hour later.

After a long day, ask Alexa to welcome you home. Pandora streams overhead while the lights rise to greet you, the shades close for the evening, and the door locks behind you.

The possibilities are only limited by your imagination. By combining the brilliance of Control4 with our Triad line of audio solutions, life at home will be more comfortable, convenient, and enjoyable.

Your favorite streaming music services,* delivered standard with your Control4 Smart Home.

Spotify®

iHeartRADIO

pandora®

DEEZER

SiriusXM®

tunein

TIDAL

napster®

Kitchen
86°
1:28 PM
Spotify
SiriusXM
iHeart Radio
Pandora
TIDAL
Deezer
Napster
TuneIn
ShairBridge
My Music

WE'RE PASSIONATE ABOUT MUSIC

Where we listen. How we listen.

It matters.

It matters to you.

It matters to us.

We love music and we build products for people who love music, products that don't distort or diminish the music but boast an incredibly refined sound and a music experience just as the artist intended.

We're delivering products with sound that is... Powerful. Emotional. Memorable.

From streaming sources to speakers, and now everything in between...

Indulge yourself in

the Triad Audio experience.

PRODUCTS

TRIAD AMPLIFIERS AND MATRIX SWITCHES

Whether you want to add amplification in one room where speaker wire can't be pulled, or you desire powerful, high-resolution amplification throughout the entire house, Triad delivers.

MULTI-ROOM AUDIO AMPLIFIERS

Control4 offers a variety of multi-room audio amplifiers to meet the needs of small and large audio systems. These powerful amplifiers distribute audio to speakers throughout the whole home while hiding the electronics neatly out of sight.

TRIAD ONE
STREAMING AMPLIFIER

Available in black or white, the Triad One is a single-zone, high-resolution streaming amplifier and is the easy way to add music into any room of a Control4-enabled home without the need to pull wire back to a central location. The Triad One supports high-resolution audio playback—enabling incredible sound in any room.

AUDIO MATRIX SWITCHES

These audio matrix switches distribute stereo audio sources to powered amplifiers for delivering high-resolution audio throughout the home while preserving and even elevating audio quality. The matrix switches include stereo RCA, digital coax, and digital optical audio inputs to integrate with multiple audio sources. Stereo analog (RCA) audio outputs distribute sources to audio/video receivers and multi-room amplifiers.

PRODUCTS

TRIAD SPEAKERS

METICULOUSLY ENGINEERED CUSTOM BUILT

At Triad, every speaker is engineered using the finest materials and components to deliver an exceptional audio experience, from superior drivers to sealed wood enclosures for precise sound reproduction and isolation. And most speakers are manufactured at our own factory in Portland, Oregon.

IN-CEILING ROUND SPEAKERS

Triad's in-ceiling round speakers are engineered for music enthusiasts and are perfect for homeowners who are looking for a multi-room audio solution that delivers long life and superior sound throughout the house. Ultra-slim, low-profile, magnetic micro-frame grills are available in both round or square and blend seamlessly into the décor of any home. They can also be custom paint matched for the perfect finish.

DESIGNER SERIES SPEAKERS

The Triad Designer Series speakers are uniquely designed to hide three speakers neatly in a ceiling while projecting full, rich sound through an unobtrusive, tiny, four-inch flush-mounted grille that is available in round or square form factors. With both full-range and subwoofer models, they reproduce a wider range of sound than traditional invisible speakers and employ Triad's Ultra-Broad Dispersion tweeter to fill a room with music without ever compromising aesthetics.

INVISIBLE SPEAKERS

Quite possibly the most beautiful sound you may never see! With a range of construction methods and finishing techniques, your speakers disappear into the walls of your home, leaving only the crystal-clear sound that you desire.

PRODUCTS

TRIAD SPEAKERS

OUTDOOR SPEAKERS

The Triad Garden Array is a family of premium, all-weather landscape speakers that are the perfect combination of elegance, sound, and durability. Designed to be placed throughout flower beds or around the yard, blanketing outdoor spaces with rich, beautiful audio, they are completely scalable for every outdoor listening experience, from courtyards and patios to entire residential estates.

SUBWOOFERS

Triad offers a broad range of subwoofers, including models that install in-ceiling, in-wall, or hidden under furniture or in a closet so they completely disappear. Triad subwoofers are engineered to produce full, dynamic bass that reaches deep, precise notes. Offering great versatility, they're also available in custom paint and wood veneer options to fit in any environment. In addition to indoor subs, the outdoor sub can even be buried underground, proving that there is truly a Triad subwoofer for any application.

SOUNDBARS

Triad's handcrafted soundbars pair beautifully with any TV, providing superior sound quality over the television's anemic speakers. Perfect for media rooms, family rooms, and bedrooms, Triad soundbars elevate the TV experience. Highly customizable, Triad soundbars are built to order, with custom paint matching and real wood veneers, creating soundbars that are perfectly matched with walls, custom millwork, and other room décor.

HOME THEATER

Triad home theater speakers are engineered to deliver an immersive entertainment experience with exceptional sound quality for any home theater or media room.
Triad is a pioneer in surround sound innovation, with superior solutions for Dolby Atmos, DTS:X, and Auro 3D. Engineered, sealed-box designs deliver precise sound reproduction and sound isolation, for sound that is better than going to the local movie theater.

Control4

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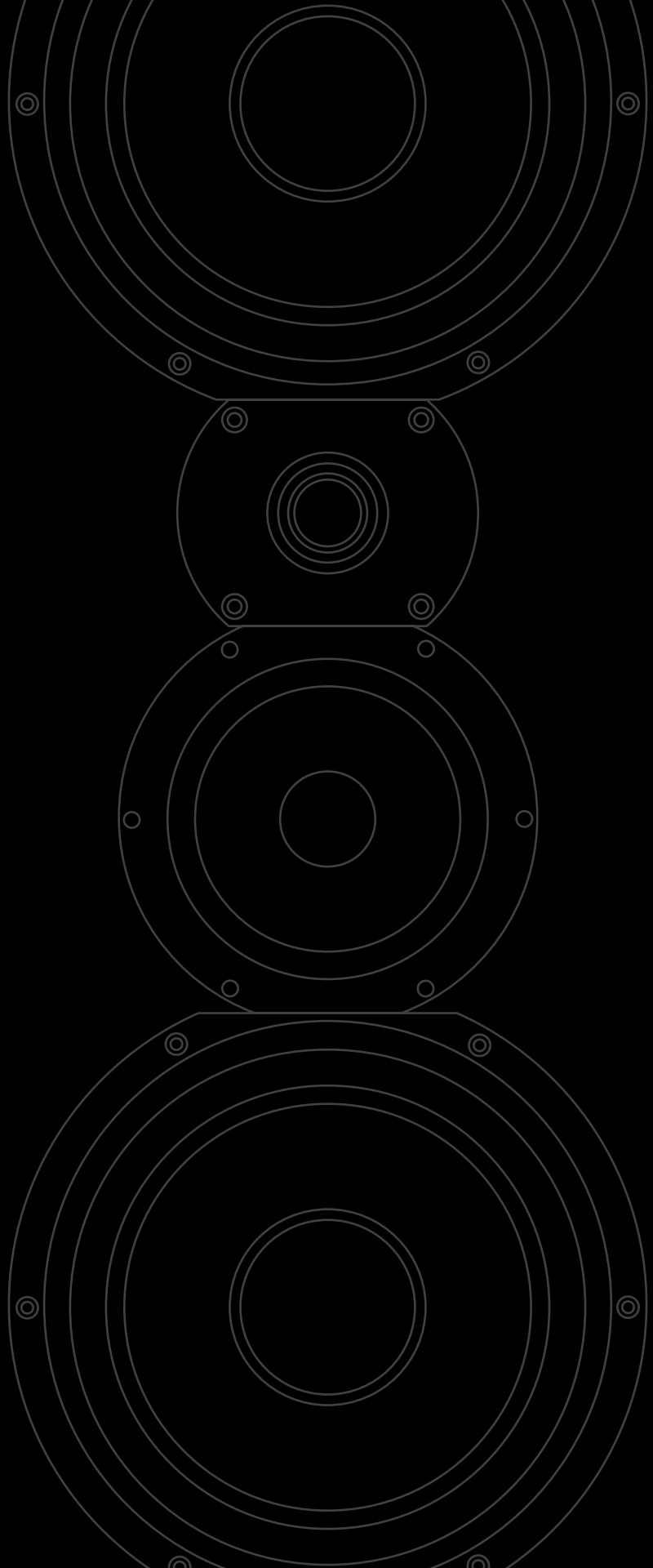
*Integration with a homeowner's Control4 system and each third-party service requires a separate subscription and/or account to each service, and is to subject to the availability of the service in the homeowner's area.

**Requires a subscription to Amazon. Integration is not yet available in every country.