

# CEDIA® EXPO SCOOP

FROM CE PRO

# 2019

EXHIBIT FLOOR MAP  
ON PAGES 20-23

## KEY DATES AND TIMES FOR ATTENDEES:

**CEDIA KEYNOTE: LUKE WILLIAMS,  
AUTHOR, INVENTOR, 'DISRUPTOR'**  
Wednesday, September 11, 5:30 p.m.,  
Four Seasons Ballroom 2-3

**CE PRO BEST PRODUCT AWARDS**  
Thursday, September 12, 10:45 a.m. – 11:45 a.m.,  
Smart Stage

**CE PRO BEST PROJECT AWARDS**  
Thursday, September 12, 4 p.m. – 5 p.m.,  
Smart Stage

**CE PRO ALL-STAR BAND**  
Thursday, September 12, 5 p.m. – 6:30 p.m.,  
Smart Stage

## **COLORADO CONVENTION CENTER, DENVER EXHIBIT FLOOR HOURS**

Thursday, September 12, 9 a.m. – 6 p.m.  
Friday, September 13, 9 a.m. – 6 p.m.  
Saturday, September 14, 9 a.m. – 5 p.m.

# Smart Stage Tackles KEY TECHNOLOGIES

For the second year, CEDIA Expo will have a special Smart Stage area on the showfloor with ongoing panel discussions hitting key topics for the custom integration market. This year's slate — powered by *CE Pro* — covers everything from DC power to design to energy automation and more.



## THURSDAY, SEPTEMBER 12

TIME	SPONSOR	TITLE	DESCRIPTION
9:30 am - 10:30 am	Google Nest	Welcome to the Helpful Home: How Google Nest Is Transforming Connected Living	The connected home industry is booming. According to Parks Associates, 43% of U.S. broadband households intend to purchase a smart home device in 2019. And yet, homeowners are looking for more than gadgets. They're seeking a helpful home, with products that work seamlessly together. In this session featuring Google's Michele Turner and Gene Lanois, Google will highlight the most important themes in today's connected home.
10:45 am - 11:45 am	Best Product Awards	CE Pro Best Product Awards	
12:00 pm - 1:30 pm	TechBites	TechBites	
1:40 pm - 2:10 pm	Savant	Bring Personalized Wellness & Energy Independence to Your Clients With New Technologies From Savant	It has never been easier to present a personalized lighting experience with a focus on healthier living to your clients. Using end-to-end solutions that deliver lighting control, lighting fixtures, motorized shades and easily accessible personalized scenes enable integrators to offer wellness settings that add significant value to traditional entertainment and control systems. This panel will reveal how you can provide your clients with next generation lighting control and automation, including built-in energy management that includes insights into energy consumption, production and storage data.
2:20 pm - 2:50 pm	Z-Wave	Hot New Z-Wave Solutions and Opportunities to Grow Your Business	Z-Wave Alliance members will give you a sneak peek at their hottest, newest products and business opportunities for you to grow your smart home projects. With the largest and most diverse interoperable ecosystem, Z-Wave Alliance members have many solutions for growing your business.
3:00 pm - 3:50 pm	Women In Consumer Technology	Technology + Design-Build Teams = Winning!	WiCT wants to support the intersection of the design-build community with the CEDIA channel, which is why the organization is hosting a special TechTalk panel that will provide a boots-on-the-ground conversation about how designers, architects, and builders can successfully work together with an integrator on a project. WiCT believes strongly that the recipe for success comes from collaboration on every project between established teams that include professionals from each discipline including the architect, builder, interior designer, landscape designer, lighting designer and the technology designer, and this panel will explore how to win with this collaboration.
4:00 pm - 5:00 pm	Best Project Awards	CE Pro Best Project Awards	
5:00 pm - 6:30 pm	CE Pro All-Star Band	CE Pro Best Awards Party	

## FRIDAY, SEPTEMBER 13

9:30 am - 10:00 am	Vivint	Future of Smart Home as a Service and the Impact to Home-Tech Pros	<i>CE Pro's</i> Julie Jacobson will interview Vivint Executive Vice President Todd Santiago about the latest trends and future of the pro channel.
10:10 am - 10:40 am	Brilliant		The Changing Dynamics of Lighting Control & Smart Home
10:50 am - 11:20 am	CEDIA Members of Excellence Panel	CEDIA Members of Excellence Panel	Learn how to become a CEDIA Member of Excellence from a panel who can walk the walk. Several executives whose companies have earned the high-level designation will cover the ins-and-outs of what it takes to join the exclusive circle of honorees. The program is designed to showcase and elevate the status of the very best CEDIA member companies, and attendees will learn about taking the steps to earn the top designations to stand out from the crowd through a proven commitment to continuing education, customer service, community outreach, and more.

**SAMSUNG**

**QLED 8K**

**Expect more.**

**Make your clients say, "Wow."**

QLED 8K offers breathtaking realism on the largest screens.

**See your business grow.**

Get resources, services and programs designed specifically for your needs.

To learn more, visit our dedicated custom installation site:  
[www.samsung.com/custominstall](http://www.samsung.com/custominstall)



**SAMSUNG**  
**5-STAR**  
SOLUTIONS  
★ ★ ★ ★ ★

You make it happen. We've got your back.

**FRIDAY, SEPTEMBER 13 (CONTINUED)**

TIME	SPONSOR	TITLE	DESCRIPTION
11:30 am - 12:00 pm	Sonnen	Energy Automation: Growing Your Business with an Emerging, New Category	<p>Now – more than ever – homeowners are looking for ways to save energy, protect their home, simplify their lifestyle, and leave a positive impact on the environment. And they will turn to you as the expert to deliver the ultimate smart home with solutions that meet their needs. Smart thermostats, LED lighting and other devices are now pervasive in homes, so what's the next step?</p> <p>Imagine if your customers could power and protect their “smart home” with clean and renewable energy during power outages, peak periods, and beyond. During this panel, we will discuss a new technology, Energy Automation, that merges “clean tech” with “home automation” by integrating intelligent energy storage with leading front-end home automation systems. In this engaging discussion, learn how Energy Automation will increase the value of front-end home automation systems and help your customers manage and maximize energy usage in their home. Join us to start differentiating and expanding your offering today:</p>
12:15 pm - 1:15 pm	TechStarter	TechStarter	
1:30 pm - 2:30 pm	Samsung	Luxury Living: How Samsung Display Technology Delivers on Design	Samsung Executives Chris Simpson and Michael Bennett will discuss the benefits of implementing LED digital signage in the home and resimercial environments. In addition to the incredible developments on the consumer side, the panel will discuss the advancements business display technology designed specifically to bring an added layer of luxury to the home. Simpson and Bennett will cover real-world case studies of The Wall integrations to highlight the award-winning technology that engages the homeowner with life-like images and motion, while delivering outstanding brightness contrast and exceptional viewing angles. The panelists will also reference the new Samsung QPR Series as an example of a display that can deliver true 8K resolution with more than 33 million pixels and provides exceptional depth and detail resulting in an immersive viewing experience.
2:40 pm - 3:10 pm	Harman	How to Maximize the Low-Frequency Performance in a Multi-channel Audio System	The panel will cover subwoofer positioning (where and how many), common problems and how to avoid them, Harman's updated Soundfield Management 2 (SFM2) low-frequency optimization, room EQ and correction for subwoofers, and more.
3:20 pm - 3:50 pm	Sound United	Maximizing Your A/V Receivers' Smart Remote Management Capabilities	Today's A/V receivers are fully loaded with the latest audio and video processing, inputs/outputs and other high-performance features. For integrators, even more capabilities await, allowing for a range of remote system management functions, diagnostics supported by proven third-party providers, troubleshooting without truck rolls and potential to unlock service RMR. Sound United's Phil Jones digs into the possibilities to help integrators get the most from their AVR installations.
4:00 pm - 4:30 pm	LumaStream	Powering the Future	There is widespread acceptance that a massive change in power generation and distribution is critical to the welfare of our planet and mankind. Renewable power generation, DC battery storage, efficient distribution, and smart controls are essential to slowing down the environmental damage caused by fossil fuels. A critical element of the solution is moving from AC to DC power, opening significant opportunities across many industries. Most notably, a low-voltage DC power distribution system provides profound advantages for LED lighting solutions.

**SATURDAY, SEPTEMBER 14**

9:30 am - 10:00 am	simPRO	Challenges in Switching to Cloud-Based Software: Myths vs. Reality	Are you undecided about whether or not to adopt cloud-based software for your business? In this presentation, we'll address some of the common concerns professionals have when it comes to cloud-based software, and some tips to integrate software successfully.
10:00 am - 10:30 am	Elan	The Transformational Impact of the Cloud & AI in Home Automation and Commercial Spaces	Entire industries have been redefined by the simplifying power of the Cloud, and the limitless opportunities offered by Artificial Intelligence (AI). Come learn about the unprecedented transformation that these technologies will bring to the home automation industry by simplifying your business, developing new business models, and elevating the value you offer to your customers.
10:45 am - 11:15 am	CABA	CABA Connected Home Roadmap 2019 Research Report	
11:30 am - 12:00 pm	CT Labs	How Integrated Tech Brings Wellness, Security and Safety to All Homes.	Come learn about the role Audio/Visual integrators can play in this evolving lighting world, while opening new and significant revenue opportunities.
12:15 pm - 12:45 pm	Parks Associates	The Rise of Voice Control in the Connected Lifestyle	Research from Parks Associates shows 36% of U.S. broadband households own a smart speaker with voice assistant and more than 50% of U.S. broadband households with three or more smart home devices also own a home control system. This presentation will highlight how consumers are adopting voice control with entertainment and smart home devices, the leading use cases, and the impact of the voice interface on the evolution of the connected lifestyle.

# Cut Strip Terminate Test

See us at  
**CEDIA 2019**  
booth #4133

## PoE+ 10Gig Shielded RJ45 Field Plug

**Optimizes data throughput to PoE+ powered devices**

Compatible with a wide assortment of large cables with large conductors. The cast-metal shell provides end-to-end shielding from extraneous noise interference in high bandwidth applications.



## New: Waterproof RJ45 Couplers

Some Ethernet connections will need ruggedized protection due to exposure to water, dust, corrosion, harsh elements, and vibration. An easy and simple solution is our Waterproof RJ45 Coupler System. Rated to meet those harsh environmental conditions found in outdoor and indoor installs.



## Unloaded Patch Panels

**Easy media integration**

- Flexible and Field configurable
- Populate ports as needed
- Mix and match keystones
- Replace a damaged port, add new runs
- Category upgrades are easy
- Maximize limited rack space
- Perfect for residential or small office applications



**PLATINUM TOOLS®**

**We Make Connections EZ!™**

805.384.2777

[www.platinumtools.com](http://www.platinumtools.com)

Custom Electronics

Security

Datacom

Telecom

Electrical

## CLEERLINE Q&A BOOTH #2020

### Rick Sant, Managing Partner, Cleerline Technology Group

#### What would you say to dealers who are stumbling across your company for the first time?

Cleerline Technology Group constantly strives to improve all forms of fiber-optic technology, from the glass to the tools and accessories that are utilized in the process of termination. Our SSF stronger, safer, faster-to-terminate fiber-optic glass is “fiber optics redefined.” Many dealers are just now beginning to work with fiber, and we can make it simple to specify, install, and terminate cabling for any project. Fiber is the best solution to deliver bandwidth-hungry signals such as 4K UHD and the upcoming 8K UHD standard.

#### What would you say to dealers who are already familiar with your product line?

We recently added Rugged Micro Distribution to our line. Rugged Micro is a very durable cable for applications in harsh environments. It has most of the features of our direct-burial armored cables, but lacks the metal tube inside. In addition to our bulk fiber optic cables, we’re releasing our new line of HDMI AOCs (Active Optical Cables) constructed using SSF fiber. These new cables provide full 4K60 transmission and feature the latest chipsets. With SSF fiber inside, when 8K rolls out you can remove the HDMI cable heads and re-terminate the fibers inside to deliver the needed signal over a future 8K balun.

#### If a dealer/integrator stops by your booth with only 5 minutes to spare, what’s the one product he should examine or one question he should ask?

Why do I need to be installing fiber today, and why is SSF fiber stronger, safer and easier to terminate than traditional glass fiber?

#### Do you have any course offerings at Expo?

Our product is being utilized in the fiber-optic termination portion of the ISF (Imaging Science Foundation) Advanced Level III training. As certified ISF installers are always looking to deliver the best signals with the highest bandwidth possible for video reproduction, sending those signals over fiber is a must.



### RoseWater Energy Group HUB SB20 Energy and Storage System | BOOTH #2654

RoseWater Energy Group, a provider of integrated energy management systems, announces a partnership with Alpine Power Systems to manage installations of the HUB SB20 Energy and Storage System.



Alpine Power Systems, a nationwide solutions provider specializing in backup power, telecom, cable and motive power, will expand RoseWater’s installation capabilities.

RoseWater Energy Group has successfully installed HUB SB20 Energy and Storage Systems throughout North America, including key markets experiencing unreliable power output, such as Newport Beach, Calif.; Malibu, Calif.; Telluride, Colo.; Hamptons, N.Y.; and Boca Raton, Fla. With the addition of Alpine Power Systems, RoseWater Energy Group will expand its reach in the marketplace with the ability to install in any location nationwide and complete numerous installs in a single week.

Based in Detroit, Alpine Power Systems brings decades of experience in providing power and installation capabilities. The partnership with Alpine Power Systems brings resources to over 150 technicians and vehicles in over 20 locations nationally, as well as 24-hour customer service.

[rosewaterenergy.com](http://rosewaterenergy.com), [alpinepowersystems.com](http://alpinepowersystems.com).

### Just Add Power G4V Guitar Giveaway | BOOTH #1817

Just Add Power (J+P), will be giving away three classic red bullseye-designed Kramer 1984 guitars at CEDIA Expo 2019 as part of J+P’s partnership with Guitars For Vets (G4V). Attendees will have the chance to win a guitar each day of the expo. For each guitar given away, J+P will donate four acoustic guitars — with the winner’s name on them — and a year’s worth of lessons to American veterans.

This is the fourth year J+P has held a guitar giveaway. This year’s prize — the Kramer 1984 — is styled in the image of the original Kramer Baretta of 1984, played by such master shredders as Eddie Van Halen and Mötley Crüe’s Mick Mars. For a chance to win, attendees must visit J+P’s booth to enter and be present during the daily 3 p.m. drawing.

Founded in 2007, G4V donates guitars to veterans using the medium of music to help them readjust to life after service.

During CEDIA Expo, J+P is also rolling out the red carpet with an invitation to party with Dr. Crüe, the premier Mötley Crüe tribute band, Sept. 12 at 7 p.m. at the Summit Music House in Denver. Sponsored in partnership with Luxul, attendees can pick up tickets at booth 1817. [justaddpower.com](http://justaddpower.com).



# EVOLUTION



## MEET EVO SKILLZ

The first product on the market that can automatically embed audio from a secondary source onto a HDMI cable, sense and switch audio, and maintain uninterrupted full 4K@60Hz, HDR, 4:4:4 chroma video

Add voice control and streaming to any display, amplifier, or soundbar in the home, or provide audio messages and announcements over existing HDMI distributed systems in commercial environments.



vanco1.com

CEDIA EXPO

Visit us in Denver, CO

Sept 12-14, 2019

Booth 643

## FIBBR Q&A BOOTH #2934

### Joe Zhang, Product Manager, FIBBR

#### What would you say to dealers who are stumbling across your company for the first time at CEDIA Expo 2019?

FIBBR is an innovator in active fiber-optic cables, using the highest-quality glass fiber to deliver products that are reliable, durable, and easy to handle. FIBBR is a brand with in-house manufacturing — cables are terminated at the factory in a state-of-the-art, dust-free workshop for the highest level of quality control. Each FIBBR cable must pass a test of being dragged and dropped 1 million times before it leaves the factory, to ensure that it can withstand rigorous field conditions.

Our parent company, YOFC, is proud to be a member of the HDMI Forum. FIBBR is actively looking to build its distribution network.

#### Please talk about the benefits of fiber-based products vs. copper-based cables?

The combination of the rapid evolution of the digital entertainment market and today's larger homes means that HDMI cables need to deliver a higher bandwidth of data over longer distances, and the most significant benefit of fiber-based cables is their ability to reliably do both. With copper reaching its physical limits in terms of length and bandwidth, active fiber-optic cable is the smart choice for integrators preparing for HDMI 2.1 and beyond, while providing their customers with the ultimate performance for today's content.

With proprietary materials and technologies, FIBBR continues to innovate to deliver incredibly reliable solutions to meet the demands of high-bandwidth content.

#### How does 8K affect the development of cables?

FIBBR was the first manufacturer in the CEDIA market to introduce an active fiber-optic 8K HDMI cable, the Ultra8K (48Gbps, 8K@60fps, pictured). We appreciate that the industry buzz is that 8K is the next great thing, and we've shown that we have the technology to meet its specifications.

#### What you will be showing at CEDIA Expo?

We are proud to introduce the Pure2 active fiber-optic HDMI cable, which features all the benefits FIBBR cables are known for, including: proprietary BendRobust technology; slim, lightweight design; and the highest-quality glass fiber, available exclusively from YOFC, the world's largest fiber producer. Pure2 extends the HDMI bandwidth to 24Gbps, and supports 12-bit color depth with 4K resolution, a 60Hz frame rate, and 4:4:4 color, to provide integrators with a reliable way to deliver HDR content without signal loss or interference at longer cable lengths.

We will also show our Ultra8K cable and, in a technology showcase for computer-audio enthusiasts, our new Alpha USB A-B fiber-optic cable.

### PowerHouse Alliance A2V Products | BOOTH #2137

The PowerHouse Alliance's 11 distributor members present its A2V line, including TV mounts, racks, and certified premium high-speed HDMI cables, in-wall, in-ceiling, and outdoors speakers, as well as in-room subwoofers.



Created to provide dealers with high-quality products supported by a leading rebate program, the A2V line has grown substantially since its debut in 2017. The latest introductions to the line include expansion to the audio category with the A2V powered subwoofers and all-weather outdoor speakers, which are now shipping nationally exclusively from PowerHouse Alliance distributor members. All products in the A2V line feature multi-year warranties (varies by product), and PowerHouse's A2V rewards program, which gives dealers back 10 percent each quarter after a minimum of \$500 in A2V product purchases from the previous quarter. The full line is now shipping, and available with same-day pickup from all 39 PowerHouse Alliance distributor member locations nationwide and online ordering portals.

The A2V-certified HDMI cables have been a top-selling item from the group, used by dealers to suit a large scale of theater, one-room smart home, and entertainment installations, as well as in commercial projects. At CEDIA Expo, the PowerHouse Alliance welcomes DPL Labs President Jeff Boccaccio for a presentation on HDMI performance, today and into the future, with a hands-on demo on September 12 and September 13 from 4 p.m. to 5 p.m. at booth 2137. [powerhousealliance.com](http://powerhousealliance.com).

### MSE Audio Rockustics OneSub and DubSub | BOOTH #3925

MSE Audio, parent company of SoundTube Entertainment, Soundsphere, dARTS, Phase Technology, Induction Dynamics, Solid-Drive and Rockustics, announces the Rockustics OneSub and DubSub subwoofers to



enhance outdoor audio experiences with low-frequency bass.

The Rockustics OneSub and DubSub are designed with durable, rock enclosures and built to withstand rain, frost, snow and ice. The OneSub is a stand-alone, passive subwoofer requiring a sub amplifier with an active crossover. The DubSub performs as a sub/sat system. With the DubSub, integrators can simply wire two additional, full-range speakers to the DubSub to create a three-speaker system, which can be powered by any traditional amplifier without the need for a subwoofer amplifier or external crossover. Available in gray and sandstone, the OneSub and DubSub are designed to be kept outdoors during their entire lifespan, even in cold-weather climates.

The Rockustics OneSub, an 8-inch subwoofer, and the DubSub, an 8-inch dual-voice coil subwoofer, feature an 4-ohm impedance, 8-inch polypropylene subwoofer, and a frequency response of 38 to 100 Hz. The OneSub and DubSub are manufactured in the USA and include a 10-year warranty. [mseaudio.com](http://mseaudio.com).



# SONY

## Custom Integration brand of choice for three years running



**Continuing to innovate as three-time CEPro 100 award-winners in TVs,  
A/V Receivers, Projectors, and Blu-ray™ Players.**

Delight your clients with Sony's award-winning line of home entertainment products, built specifically for custom integration. Sony's full lineup of premium-quality AV receivers and masterful 4K HDR TVs, projectors, and Blu-ray players define the modern home theater, delivering the most breathtaking and immersive experiences possible.

Step into next-generation home entertainment with Sony.



## Stewart Filmscreen Screen Assistant CPQ Screen Quoting System | BOOTH #2304

Stewart Filmscreen, will highlight its new Screen Assistant CPQ screen quoting system. Attendees can visit with their specs or prints in hand and leave with a consultation and quote for an optimized, reference-quality imaging screen.



Stewart Filmscreen will feature leading masking systems and fabrics for a variety of screen models, from the value-driven Cima brand to the new Director's Choice Slimline, VistaScope, or Cine-Curve models. These materials make for a future-proof reference screen system that will serve through the lifespan of many projectors.

The company will also showcase its newly redesigned Luxus below-ceiling screen system. The retractable screen is ideal for use in multipurpose rooms, and it works well with UST projectors. The system's newly integrated Wi-Fi interface is perfect for linking Luxus to Alexa and other home automation platforms. Luxus is available in Phantom HALR, Firehawk, StudioTek 100, or any of the company's 16K+ screen fabrics.

Stewart Filmscreen steps up to multipurpose wall-mounted screen applications with Balón and new Balón Edge. Balón offers a fixed-frame, borderless screen that creates a floating image. The overlapping wrap hides all frame edges, presenting a pristine look from any angle while keeping the image plane. [stewartfilmscreen.com](http://stewartfilmscreen.com).

## Torus Power PB 10 | BOOTH #2533

Torus Power's latest addition to the company's PowerBlock Series, the PB 10 toroidal isolation transformer, is shipping now and will be demonstrated at CEDIA Expo.



"The benefits of completely isolating the power supply from any system — from small media rooms to large commercial installations — are undeniable, offering improvements to audio and video that you can hear and see," says Kevin Main, COO and president of Torus Power. "With the PowerBlock Series low price point and small footprint, we are bringing toroidal isolation to more applications."

Featuring a compact footprint and rugged construction, the PB 10 is designed for mid-power AV systems, and uses two toroidal transformers to isolate digital and analog components in the system. The PB 10 includes some of the very best of Torus Power technology. Surge suppression and noise-filtering through proprietary narrow bandwidth technology (NBT) allow sophisticated audio-visual components to deliver superior performance. Audio comes alive with a lower noise floor, better dynamics, imaging and bass, and video is notably crisper with brighter colors, deeper blacks, and a more compelling overall image. [toruspower.com](http://toruspower.com)

## SAMSUNG Q&A BOOTH #1013

### Phil Cohn, SVP of Sales, U.S., Samsung



#### What are the highlights of the Samsung booth?

8K and MicroLED are the big stories this year in our booth. Samsung's 8K TV line up deliver the ultimate picture quality performance available in the market today thanks to AI upscaling. So whether the source is your favorite older content in 480p, or the latest

movie in 4K, all are upscaled to provide the very best picture now. If a 98-inch 8K TV isn't enough for their customer, installers can see the latest in MicroLED technology in our booth this year. The next-generation technology allows for large scale installations for the ultimate cinematic experience. Of course, Samsung will also be displaying our very latest premium 4K QLED TVs, soundbars and smart home technologies in our booth.

New this year, we also have a private 8K QLED Lounge

at the booth. This enclosed room represents Samsung's vision of the future of Connected Living with an emphasis on 8K QLED TVs and elevated design pieces, including The Frame and Serif. New to both lifestyle TVs this year is QLED-enhanced picture quality, new sizes and Ambient Mode.

#### What should an integrator ask about when he or she comes by the booth?

This year Samsung's 5-Star Solutions Program is in its third year and we're underscoring our commitment to installers by regularly adding new tools that make it easier than ever to work with us. For example, in 2019 the 5-Star Dealer site will feature full 2D Drawings, showing VESA mount holes, and jack locations, as well as product dimensions for every model in our line.

People think of Samsung as strictly a manufacturer, but for installers that's only half the story. In addition to introducing the latest technologies, and offering the best performing products in the industry, our 5-Star solutions program makes including them in their projects easier than ever.

# WELCOME HOME

*Seamlessly integrate our stunning displays, and transform homes into extraordinary gathering spaces.*

LIVING ROOM



HOME THEATER



**RADIANCE**  
**Direct-View LED**

*Impeccable high ambient light solutions*

**E-Vision & HIGHlite 4K**  
*Exceptional color and detail*

**Satellite MLS**  
*Exclusive preview of the smallest high-performance projector ever conceived*

MEDIA ROOM



OUTDOOR PATIO



## DESIGN YOUR VISION



**CEDIA EXPO**

SEPTEMBER 10-14, 2019, DENVER, CO

THE VISIONARIES CHOICE

[www.digitalprojection.com](http://www.digitalprojection.com)



## MUXLAB Q&A BOOTH #1951

### Joe Teixeira, VP of Business Development and Product Management, MuxLab

#### What would you say to dealers who are stumbling across your company for the first time?

A/V over IP is becoming industry standard, and we have a variety of IP-based solutions that deliver 4K content all around the home in a totally seamless manner. Along with our product engineers, we partner with dealers all around the world to provide the highest levels of technical support while maintaining our products at very competitive costs.

#### What would you say to dealers who are already familiar with your product line?

We're proactively taking major strides to provide complete A-to-Z solutions for A/V in the home, the most recent being the third generation of our MuxControl app, which enables the kind of access to content people are demanding. It not only gives complete mobility to users, but it offers unique features, like the ability to totally customize your remote controls, upload images of your rooms, create pre-programmed tasks and much, much more. We'll be giving CEDIA Expo attendees hands-on demos at our booth throughout the show.

#### If a dealer/integrator stops by your booth with only 5 minutes to spare, what's the one product he should examine or one question he should ask?

Our new DomoStream brings the entertainment experience to new levels. It represents the next level of 4K over an IP infrastructure with HDR support and all the latest audio formats developed. It boasts exceedingly low latency making it well suited for mission-critical installations where extremely detailed video is delivered instantly.

#### Think of your closest competitor (company or product). What is one thing you offer that they don't? Please be specific.

Where MuxLab really stands out is in the level of collaboration and support we provide. For example, when an integrator was installing comprehensive A/V-over-IP systems at five Boston Pizza locations, MuxLab was right there. Each restaurant averages four A/V sources that feed content to a nine-display video wall, plus 16 HD displays mounted along every wall. Our HDMI/RS-232 over IP with PoE delivers A/V through an Ethernet switch, and our Video Wall over IP with PoE created the video wall using one receiver for each display. The MuxLab ProDigital Network Controller simplified the connecting and control of all sources and displays with a personalized, graphical floor plan that is exceedingly user friendly. Two mini iPads control everything. To handle this implementation, our engineers worked with the integrator very closely.

## Capitol Smart CI Products | BOOTH #2908

Capitol will feature products that highlight the evolution of home entertainment and back-end technology in its 2019 CEDIA Expo exhibit.

Wireless speakers are proving to be beneficial to CI professionals, with increases in sales of both the category as a whole and, more specifically, smart speakers that complement consumers' lifestyles.

Capitol offers advanced wireless solutions from the market's leading wireless speaker designers and brands, including Polk Audio, KEF, Denon Heos, and JBL Pro, among others.

Like the growth of wireless entertainment, Capitol's CEDIA booth will reflect the company's expanding selection of Smart Home models that give custom professionals extensive opportunities to grow their business by helping their customers increase their reliance on these products in their homes. Among its many custom-only and DIY options, the company will feature new smart outdoor lighting models from Ring that send an alert to the brand's cameras that trigger them to start recording whenever they detect motion.

Capitol's CEDIA 2019 exhibit will also devote space to fiber optics, especially cables from TechLogix that are now easier to terminate, thereby increasing installation efficiency on the job site.

[capitolsales.com](http://capitolsales.com)



## D-Tools D-Tools Cloud | BOOTH #1343

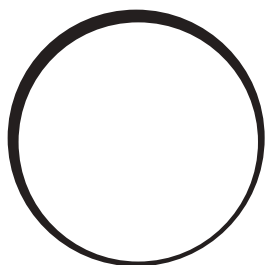
D-Tools Cloud manages sales, system design, and procurement from any web-enabled Mac, PC, or tablet. New to D-Tools Cloud is the addition of critical, intelligent system design. Built for collaboration on opportunities, quotes, and system design,

D-Tools Cloud's browser-based and data-driven drawing capabilities remove the need for outside drawing applications such as Visio or AutoCAD.

D-Tools Cloud's browser-based design tools automatically create data-driven signal flow drawings (line diagrams) based on a quote's bill of materials. D-Tools Cloud helps design a system quickly based on suggested items and work completed in the past. If someone would rather draw first and quote later, D-Tools Cloud enables users to start designing directly, and any items added automatically populates a bill of materials, reducing the tedious task of synchronizing two systems. D-Tools Cloud's new Whiteboards enable users to sketch out and share ideas, collaborate on design, and help clients visualize their project – all in-app. [d-tools.com](http://d-tools.com)



The Clean, Smart Energy Home of the Future is Here.



sonnen



Energy Automation Is Expanding with Leading Brands You Know and Trust for the Ultimate Smart Home!

**Join us to learn how sonnen's Energy Automation with ecoLinx helps you differentiate and grow your business.**

**CEDIA TECH Talk Panel Discussion with Special Guests**

09.13.19 from 11:30am - 12:00pm MST, CEDIA Smart Stage

**Manufacturer's Product Training Session**

09.13.19 from 2:30pm - 4:00pm MST, Room 4D

**Rocky Mountain Mixer with CET & Associates**

09.13.19 from 6:00pm - 10:00pm MST, The Ellie Caulkins Opera House

RSVP at <http://2019rmm.eventbrite.com/>

Visit us at booth **#3547** for a FREE interactive demonstration of Energy Automation with ecoLinx.



sonnen

[www.sonnenusa.com/energyautomation](http://www.sonnenusa.com/energyautomation)



### Z-Wave Alliance Products, Updates | BOOTH #1743

The Z-Wave Alliance will host the Z-Wave Pavilion at CEDIA EXPO 2019 to discuss recent news and updates with integrators, dealers and the CEDIA community.

The Z-Wave Alliance recently unveiled the updated Z-Wave Plus v2 certification, designed specifically for devices built on the new Z-Wave 700 platform. This new certification for products using Z-Wave 700 will require manufacturers to include the SmartStart readiness setup feature that will make plug and play a reality for the consumer smart home. SmartStart enables hubs to automatically recognize accessory devices with a quick app scan of the product's QR code. The new Z-Wave Plus certification update will also continue to mandate the inclusion of Z-Wave Security S2, the industry's highest level of protection from cyber intrusion for smart home mesh networks.

The number of Z-Wave products available to consumers and end users continues to grow as Alliance members see a boost in adoption and pursue new B2B markets such as smart apartments, sustainability and energy management, digital health and hospitality. There are now more than 3,000 certified products to date and close to 500 devices on the market with the best-in-class S2 framework built in.

The Alliance also welcomes Ring to its board of directors, bringing an important voice in DIY home security to the leadership mix. Ring was the first manufacturer to adopt SmartStart in their Ring Protect home security solution and one of the first to adopt the S2 security framework. Ring joins existing Alliance BOD members ADT, Alarm.com, ASSA ABLOY, Ingersoll Rand Nexia Intelligence, Jasco Products, Leedarson, LG Uplus, Nortek Security & Control, Silicon Labs and SmartThings.

Since Z-Wave's conception 18-plus years ago, the product ecosystem has always focused on ease of use and install for consumers. With further adoption by smart home leaders and this new platform update, Z-Wave will continue to improve interoperability and the consumer experience for install, setup and security of the Z-Wave network. [z-wavealliance.org](http://z-wavealliance.org)



### Trinnov Audio Altitude32 | BOOTH #SR-19

Trinnov Audio, designer and manufacturer of reference audio processors for home theaters, high-end hi-fi, professional audio and commercial cinemas, will be the first company to bring DTS:X Pro technology to home theaters in the Altitude32 and Altitude16 processors. The technology will make its CEDIA Expo debut in Sound Room 19, where Trinnov will entertain show visitors with an active 11.4.8 channel immersive audio system. The demo is in partnership with Triad speakers and Home Theatre Environment, in a custom-built HTE acoustical environment.

DTS:X is an immersive object-oriented audio format that can provide high spatial resolution and imaging. Prior to the introduction of DTS:X Pro, DTS:X for the home was limited to only 11 main channels plus LFE, typically in a 7.1.4 configuration. Trinnov's implementation of DTS:X Pro enables discrete rendering of the full DTS:X complement of 30.2 channels, up to the channel capability of each individual processor.

Introduced in 2014, Trinnov's Altitude32 processor is capable of up to 32 discretely rendered channels for home theater. Five years after its introduction, it remains the only unit that can do so. For more modest systems, the lower-cost Altitude16 can render 16 discrete channels. Both models benefit from Trinnov's exclusive, patented technologies, including Trinnov's Speaker/Room Optimizer and 2D/3D loudspeaker remapping.

Current owners of Trinnov Altitude32 and Altitude16 processors will be able to upgrade to DTS:X Pro at no charge through a simple 10-minute software download. Once an existing Altitude processor is upgraded, users are freed from the 11-channel limitation and are able to enjoy the higher spatial resolution made possible by using all of the loudspeakers in their systems.

For DTS:X, the ability to use more than 11 speakers improves the imaging precision of sound objects, increases the sense of immersion of atmospheric effects, and reduces the possibility that listeners will localize a specific loudspeaker as the source of a sound.

When playing content in legacy DTS, DTS HD Master, and stereo and mono formats, the DTS Neural:X upmixer extracts spatial information and produces it across the entire loudspeaker layout, up to 30 speakers, to create an immersive acoustical environment. [trinnov.com](http://trinnov.com)

# A NEW ERA FOR OUR INDUSTRY

Together, delivering more.



**Visit us at**

**SnapAV Booth 3707 and Control4 Booth 3013**

**GoldenEar BRX, Triton One.R | BOOTH #SR-2**

GoldenEar Technology announces the debut of two new loudspeakers. The first is a new ultra-high-performance compact bookshelf/stand-mount loudspeaker, the Bookshelf Reference X. The goal of the BRX development project was to create an ultra-compact loudspeaker incorporating the latest technology developed for GoldenEar's Triton Reference, to achieve sonic performance only found in larger, more expensive units.

The BRX incorporates a 6-inch cast-basket bass/midrange driver with a focused-field magnet structure; basically the same driver used in the award-winning Triton Reference tower. The tweeter is the Reference high-gauss high-velocity folded ribbon, also used in the Triton Reference. A pair of inertially balanced 6.5-inch planar infrasonic radiators are located on either side of the cabinet for tight, quick, extended bass response. The 12 x 8 x 12.25-inch cabinet is finished in hand-rubbed piano gloss black lacquer.

The BRX frequency response is 40-35 kHz, efficiency is 90 dB and recommended associated amplification is 10-250 watts per channel. Projected US retail price is \$599 each and delivery is expected in the first quarter of 2020.

Also debuting is the new Triton One.R. The goal of the Triton One.R project was to bring the performance of the flagship, Stereophile Class A-rated, Absolute Sound Golden Ear Award and Sound & Vision Top-Pick-of-the-Year winning Triton Reference into a more compact and less expensive loudspeaker. Its 54 x 8 x 16-5/8-inch monocoque cabinet is constructed of multi-density medite, engineered with the goal of making it as non-resonant as possible and optimized with use of accelerometer-generated spectral decay analysis. The baffle is as narrow as possible, minimizing diffraction issues for superb imaging as well as a sleek tower design that almost disappears in the room.

The One.R incorporates the same Reference folded ribbon tweeter as the Triton Reference, along with 2-5.25-inch upper bass/midrange drivers using the focus-field magnet technology developed for the Reference. The One.R also incorporates a 56 bit DSP controlled 1600 watt built-in powered subwoofer, with 3-5 x 9-inch long-throw subwoofer drivers coupled to 4-7 x 10-inch quadratic planar infrasonic radiators. Frequency response is 13 Hz to 35 kHz, recommended amplification is 20 to 650 watts/channel and efficiency is 92 dB. Retail price of the Triton One.R is \$2999 each and it is shipping now. [goldenear.com](http://goldenear.com)



**DALI KATCH ONE | BOOTH #2520**

The DALI KATCH ONE Soundbar combines a compact visual appearance with powerful audio to fill even larger rooms. With ten built-in drivers, the KATCH ONE has ample moving surface area, and when combined with its 150-watt amplifier system, it has the power to deliver impressive sound pressure.

With several mounting options, the KATCH ONE will blend in with any TV setup. The leather strap wall mount with built-in cable management completes the look of the KATCH ONE. It offers a rear wall mount and also has included feet to stand on any surface.

The soft-dome tweeter ensures that voices are kept clean, detailed and easy to understand. The four large passive drivers work with the four active woofers to help deliver bass performance for the perfect movie experience. Should the room demand even more bass performance, a subwoofer can be connected, extending the deep bass even further.

DALI KATCH ONE offers a wide selection of inputs, ranging from HDMI,



2 x Optical, Analog, and also includes Bluetooth (AAC and aptX) allowing the KATCH ONE to connect to any TV or audio system. You can use the included remote to control every aspect of the KATCH ONE, or you can connect your TV via HDMI (CEC) and simply use the TV remote to regulate the volume of the KATCH ONE.

Available in Iron Black, Ivory White and Mountain White finishes, the KATCH ONE will match most TV's, and the visual design ensures that the KATCH ONE will stand out without stealing the picture. [dali-speakers.com](http://dali-speakers.com)

**ELAN EL-SC-100 | BOOTH #2013**

Continuing to expand systems design possibilities for dealers and builders alike, Nortek Security & Control announces the introduction of a new affordably priced ELAN controller for media room and entry-level home control — the EL-SC-100.



"This new controller expands opportunities for integrators in multiple ways," said ELAN product manager Jeff Shaw. "The SC-100 is ideal for improving the media room control experience, and its Z-Wave integration makes it a robust and scalable intelligent home control choice for production home builders."

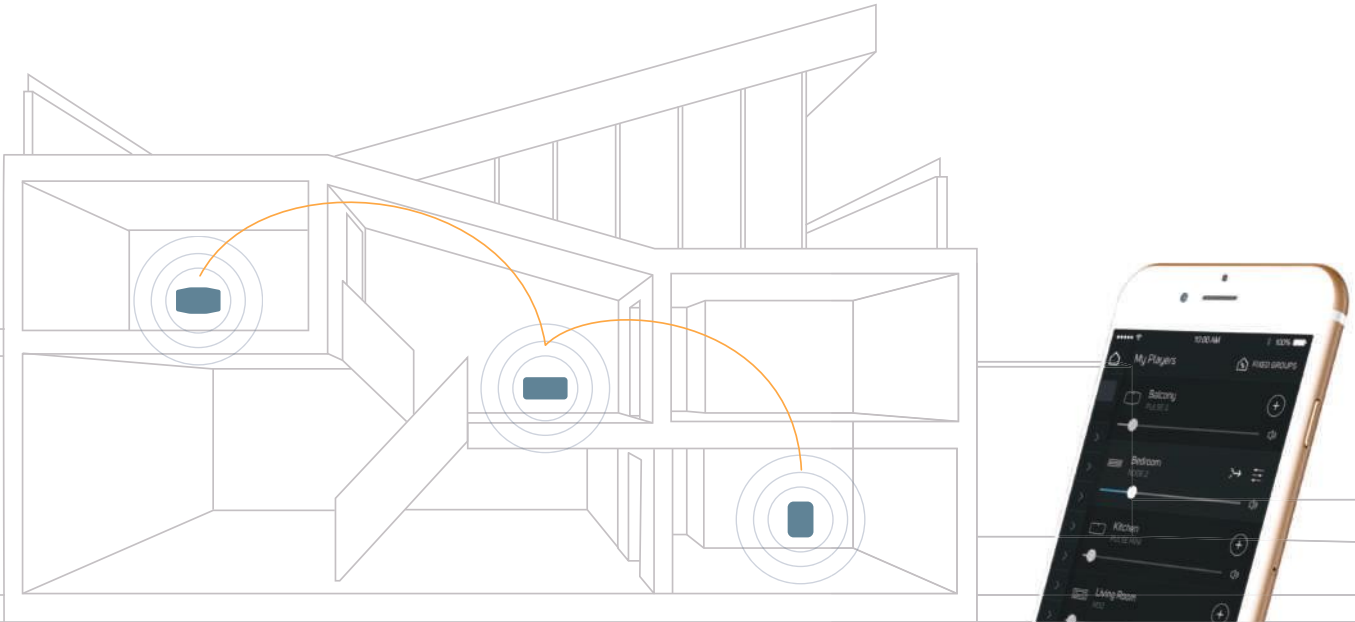
With the EL-SC-ZW antenna, the ELAN SC-100 is an integrated Z-Wave gateway, which eliminates the need for dealers to add third-party hardware to control Z-Wave devices. The controller also features an on-screen display option that gives users the ability to control and manage their home right from the TV.

[elanhomesystems.com](http://elanhomesystems.com)

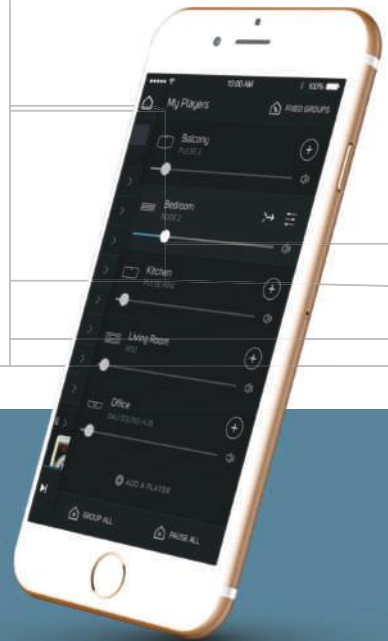


# BluOS™

## Hi-Res Distributed Audio.



BluOS™ offers a complete whole-home music ecosystem with an intuitive user interface and integrations with popular smart home control systems. Native in the hi-res WiFi-connected streamers, amplifiers, and speakers from Bluesound and NAD Electronics' Custom Install line, BluOS offers distributed audio solutions for every lifestyle, from hi-fi enthusiasts to the digital music lover.



September  
12

Register for our CEDIA 2019 Seminars on Thursday Sept. 12th at 1pm or 3pm in Room 1C. Visit [BluOS.net/cedia2019](http://BluOS.net/cedia2019) to register and earn .75 CEU credits.

### Hardware Partners



### Home Control Integration



### Audiophile Quality



Come visit us at CEDIA 2019 - Booth #2520

**FIBBR Pure2 | BOOTH #2934**

FIBBR's Pure2 active fiber optic HDMI cable features a new, more powerful optical engine, increased bandwidth (24Gbps), and a USB pigtail power supply to ensure that the optical engine never runs out of power.

FIBBR's active connector design contains an optical engine that is no larger than a passive design. The Pure2 design adds a power safeguard in the form of a USB pigtail. When a connected device needs an additional boost to properly power the engine, the pigtail provides it from an adjacent USB jack. The pigtail can swing to either side for flexible placement.



Designed for evolving video standards, FIBBR's Pure2 extends its bandwidth to 24Gbps, supporting 12-bit color depth with 4K resolution, 60 Hz frame rate, and 4:4:4 color — providing integrators with a reliable way to deliver HDR content without signal loss or interference at longer distances. Pure2 also supports ARC.

Pure2's design combines Data Display Channel (DDC) and Hot Plug Detection (HPD) signals into a single copper wire, using FIBBR's proprietary TransFuture technology. To ensure fail-safe operation, two microcontroller units on both sides of the cable encode and decode EDID/HDCP and HDP signals using a one-wire bidirectional transmission protocol patented by FIBBR. The firmware includes options to easily manage changing compatibility requirements.

Like all HDMI models from FIBBR, Pure2 features proprietary BendRobust technology that allows the fiber to bend up to 180 degrees for extreme flexibility. The slim, lightweight design is housed in a PET-braided jacket. All FIBBR cables are made with the highest-quality glass fiber available exclusively from YOFC, the world's largest maker of glass fiber. [fibbrtech.com](http://fibbrtech.com)

**ELK Products M1 Security and Automation Control with Control4 | BOOTH #1306**

ELK Products has released an updated driver for integrating the M1 Security and Automation Control with Control4. This new driver supports the latest Control4 platform and provides simple and quick integration via RS-232 or a local area network. It provides greater control for integrators and more detailed system information that results in an enhanced user experience. Features of this updated driver include arm/disarm control, real time zone status, multi-partition support, relay activation, function/emergency key activation, task activation, and voice alerts. [elkproducts.com](http://elkproducts.com)



**HD Staffing Recruiting & Retention | BOOTH #4135**

After two years in business, HD Staffing has had the opportunity to place dozens of candidates of all skill levels, from technicians to operations management and everything



in between. It's worked with every type of company, from custom integrators that have one employee to those that have well over 50 across every corner of the United States.

In its third straight year exhibiting at the CEDIA Expo, HD Staffing will be sharing its hard earned insights on recruiting, hiring and retaining employees in the custom integration industry. It will be discussing recruitment methods, compensation and benefit trends as well as employee management and retention.

HD Staffing will offer free classes on Recruiting and Retaining Employees in Today's Market Place on Wednesday, Sept. 11 at 3 p.m., Thursday, Sept. 12 at 2 p.m., Friday, Sept. 13 at 9 a.m., and Saturday, Sept. 14 at 10 a.m. [hdstaffing.com](http://hdstaffing.com)

**Pro Audio Technology ALC-3316 | BOOTH #SR-6**

Inspired by the award-winning Theory ALC-1809, the Pro Audio Technology ALC-3316 Amplified Loudspeaker Controller features nine channels and 1,800 watts of amplifier power and support for six surround-sound system formats: 5.1, 5.2, 5.3, 7.1, 7.2 and 5.2.2 Dolby Atmos.



The ALC-3316 combines many functions into a single 1U unit. Its loudspeaker processor is a 96kHz/32bit DSP engine for all PRO loudspeaker and subwoofer processing, with more than 180 IIR filters, eight FIR filters, intelligent power-limiting, and delay.

The multichannel DSP processor offers 80 user-programmable parametric EQ filters (10 per channel), plus gain and delay of up to 75 msec channel for on-site system-wide optimization and calibration.

The multichannel amplifier is fanless by design and offers 3 x 300 watt high-current channels for subwoofer drive, plus 6 x 100 watt bridgeable channels. Mixing/distributed audio amplifier includes a full 8x8 matrix mixer, mic input, all-channel priority ducking/paging, 4 x stereo plus mono-sum inputs, bass and treble controls and up to 75 msec delay per channel – ideal for large distributed outdoor systems.

The bass manager can steer low-frequency energy of any of the eight balanced analog audio inputs to any of the eight amp channels for full-matrix bass management in distributed audio and home theater applications. [proaudiotechnology.com](http://proaudiotechnology.com)



---

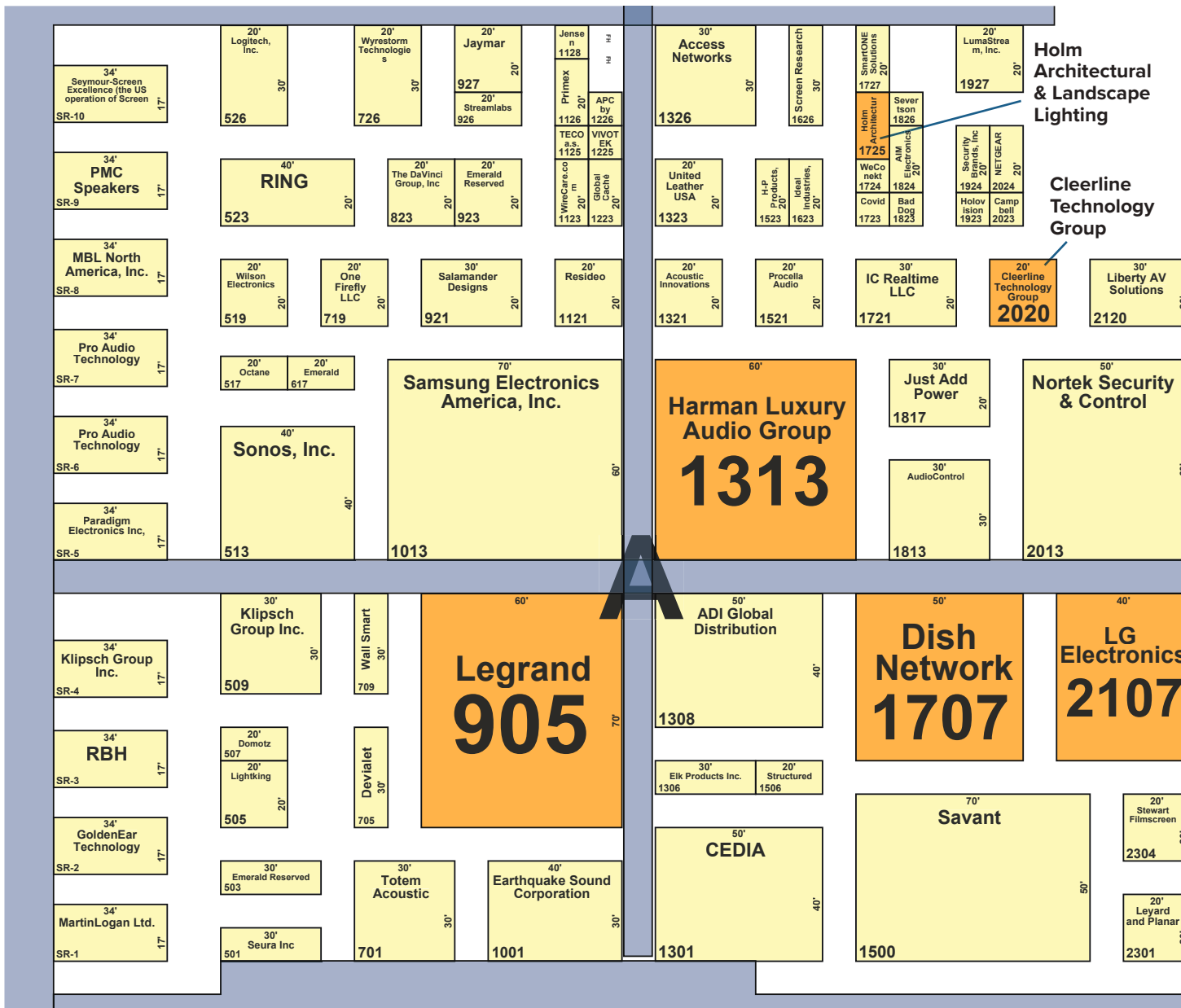
# ABB-free@home™

The freedom of home automation.

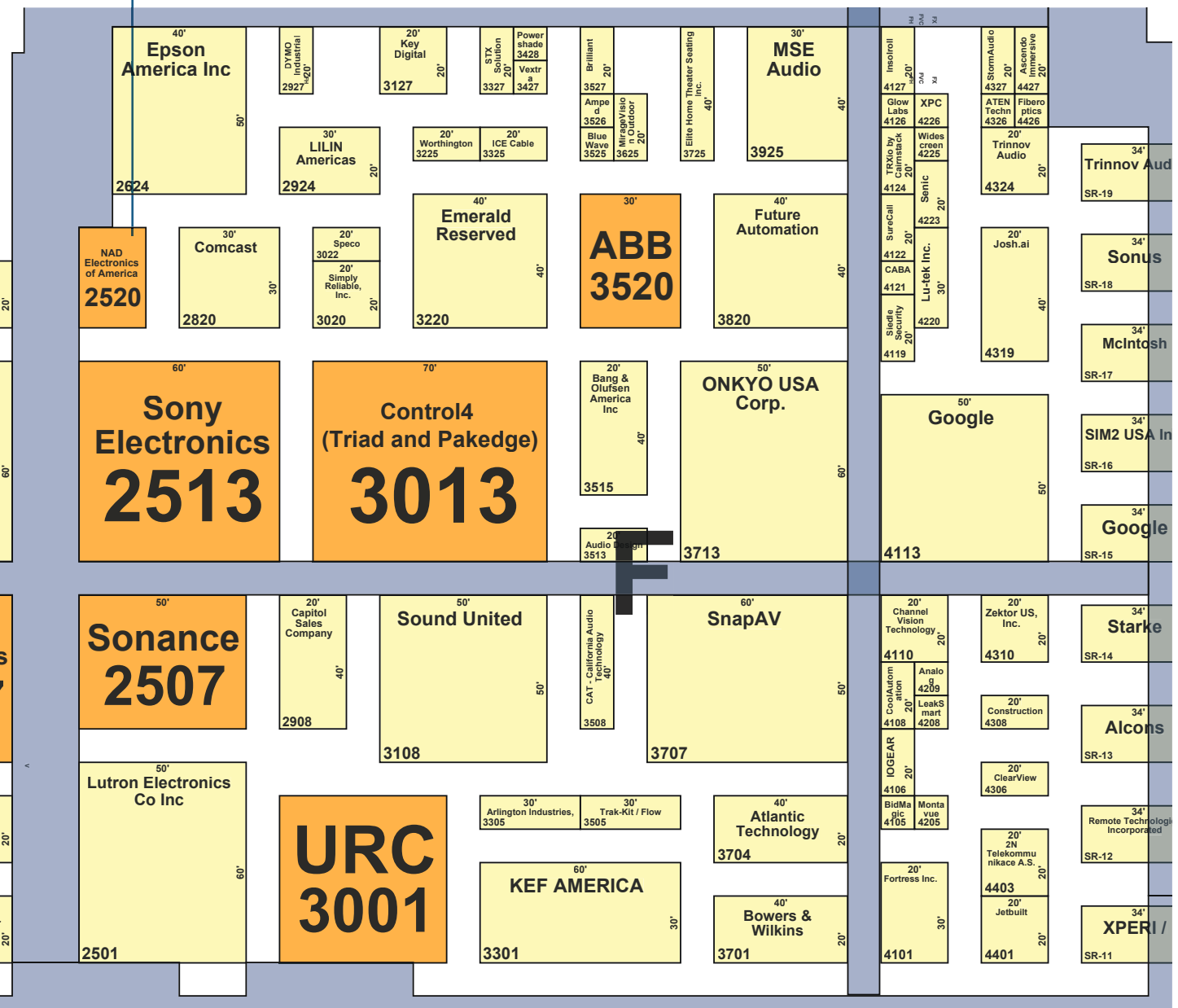


ABB-free@home isn't just another smart home solution. It's smarter than smart. Smarter than complicated installations, one-function devices and automation solutions that don't work together. ABB-free@home connects compatible devices and lets you manage them from one easy-to-use interface. It performs elaborate functions with ease and simplicity, so your home is safer, more comfortable and more enjoyable. That's smarter than smart home living. Visit us at **CEDIA Booth 3520** or [abb.com/freathome](http://abb.com/freathome) to learn more.





NAD Electronics of America



**ENTRANCE**



**ENTRANCE**



simPRO



FIBBR/YOFC

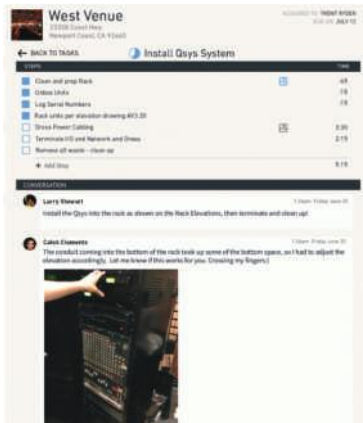
Panamorph

Platinum Tools



## Jetbuilt Project Management 2.0 | BOOTH #4401

Jetbuilt, provider of web-based AV proposal and project management software, announces Project Management 2.0 to provide Jetbuilt users with a single, unified platform for sales and project management. This update builds upon Jetbuilt's original Project Management platform unveiled last winter by incorporating valuable feedback received from Jetbuilt users.



Project Management 2.0 features a management task list to create an enhanced visualization of steps, conversation, photos and documents between project managers and technicians. Users can comment on individual tasks from the Desktop software or with the JetbuiltGO app, available for Android and iPhone devices, enabling two-way communication between sales managers, engineers, project managers and technicians in the field. As a task is created, users can create notes and upload photos, documents and drawings. A project manager can optionally require a photo in order to complete a task, enabling a visual verification, meanwhile, creating a unique feature available to the industry only through Project Management 2.0, which is part of Jetbuilt's approach to providing useful, powerful tools for the industry. Finally, 2.0 includes schedule and calendar syncing. Companies can opt to work in the current due date method, or the new task schedule method and integrate the confirmed installation location, date and time within their Google Calendar. [jetbuilt.com](http://jetbuilt.com).

## Vanco International EVOSKILLZ | BOOTH #643

EVOSKILLZ from Vanco International is the first product on the market that can automatically embed audio from a secondary source onto a HDMI cable, sense and switch audio, and maintain uninterrupted 4K video. This has both residential and commercial applications as it allows integrators to add voice control and streaming to any display, amplifier or soundbar in the home, or provide audio messages and announcements over existing HDMI distributed systems in retail or office environments.



Other benefits to EVOSKILLZ include its capability to pass 4K @ 60Hz with 4:4:4 chroma. It is also HDR10 and Dolby Vision compatible and can pass-through PCM, Dolby, and DTS audio. EVOSKILLZ's micro-USB port can be used to power the unit or provide any future firmware updates. There are also two dials on the unit, which allow for the manual adjustment of source sensitivity (dB level from secondary audio source) and audio timeout if needed. [vanco1.com](http://vanco1.com)

## Zappiti Pro 4K HDR | BOOTH #3255

The result of many years of experience in media center market, the Zappiti Pro 4K HDR high-end player redefines the rules of media players as one of the first ISF-certified media players available to CEDIA integrators. The player features Direct Output technology and a Type-R power supply capable of producing low noise and lower external magnetic field interference than the standard power supplies. Featuring an ultra-rigid steel chassis, specialized feet to reduce vibrations, and zero signal transport to cancel mass-loop effects, the Pro 4K HDR delivers superior sound and video. A dual-rack enclosure can store up to 32TB of video and audio content internally.



Zappiti's greatest statement of success, however, is the Pro's software suite. With no third-party solutions, Zappiti's software is exclusively designed and built for its hardware, and can be integrated with popular systems from Crestron, Control4, and others.

No media player is complete without a solid GUI, and the Pro delivers with a simple, intuitive, and fun user experience, featuring 3D effects, motion design, reflections, and optional skins. Some visual features such as top movie covers can be enabled and disabled for a customized user experience. [zappiti.com](http://zappiti.com)

## SurgeX Security Plus II | BOOTH #3643

AMETEK Electronic Systems Protection (SurgeX) introduces its new Security Plus II Large Format Uninterruptible Power Supplies (UPS) line. The new UPS line is equipped with an isolation transformer and uses double-conversion technology to provide clean, continuous, and reliable power to A/V systems, ensuring peak performance even in conditions with backup generator power or in areas with common short-lived power outages. In the event of an outage, the Security Plus II UPSs can power systems until alternate power is engaged to allow for safe shutdown, and prevent lockup that would require a hard reboot.



The Security Plus II UPSs were designed for ultra-quiet operation, plus increased efficiency with the 1.0 power factor, and an energy saving ECO mode. For smoother installation, the UPSs also include an easy-view LED display panel for easy configuration, front access serviceability, and hot-swappable batteries allowing the unit to stay online during maintenance to keep the connected system running without interruption.

The SurgeX Security Plus II Large Format UPS line is available in models ranging from 10,000 volt-amps (10 kVA) to 20,000 volt-amps (20 kVA), and is now available to order. [surgex.com](http://surgex.com).



# 4K UltraWide

## Selling and Installing the New Home Cinema Format

CEDIA Manufacturer Training - Friday, September 13



**Panamorph**<sup>®</sup>  
We bring cinema home

Want a preview?  
[www.panamorph.com/CEPro](http://www.panamorph.com/CEPro)

**Mile High Ballroom 2C**

**Friday, September 13**

**9:30am & 11:00am**

**1:30pm & 3:00pm**

**Take your clients where 4K flat panels can't go.**



## MSE Audio Axiom Audio Wall Plates, Axon C1 Zone Control Wall Plate | BOOTH #3925

MSE Audio – parent company of SoundTube Entertainment, SoundSphere, dARTS, Phase Technology, Induction Dynamics, SolidDrive and Rockustics – announces a joint sales initiative with Attero Tech to package Axiom Audio Wall Plates and Axon C1 Zone Control Wall Plate with SoundTube Entertainment's IPD-Hub2 and Remote Volume Control Plate.



The SoundTube Entertainment IPD-Hub2 brings IP-based, PoE technology to the commercial and residential markets offering a unique alternative to traditional audio distribution systems. The IPD-Hub 2 utilizes Dante infrastructure and Attero Tech unIFY software to provide advanced performance monitoring and EQ/DSP control to individual speakers in the system from any computer with a network connection.

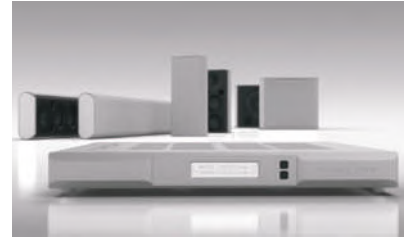
By partnering with Attero Tech, SoundTube Entertainment's IPD-Hub2 and Remote Volume Control Plate create a highly integrated package solution. Paired with SoundTube Entertainment's passive ceiling speakers, integrators can design cost-effective single- and multi-zone audio experience. Designed for restaurants, retail establishments and educational installations, the IPD-Hub2 features a native Axiom port, allowing custom installers to add the Attero Tech Axiom wall plates to create local inputs to the Dante network. The IPD-Hub2 setup and control is supported in Attero Tech's unIFY software to enable a single control application for all SoundTube and Attero Tech products in the system.

The IPD-Hub2 amplifier is the heart of a complete networked audio system with local and Dante-inputs for simplified network control while addressing the network requirements for commercial and residential audio connectivity. Designed to provide a complete IP-based system at a price point comparable to traditional 8 Ohm systems, the IPD-Hub 2 features two-channel DSP amplification with a multitude of power options, including PoE, PoE+, 40W PoE and 24V option for local power supply.

Attero Tech's Axiom features a single-gang audio wall plate with audio network inputs through a proprietary Axiom bus. The Axiom ML1 provides a 3.5 mm input, summed to mono; an XLR input; and volume knobs. The Axiom USB1 is a plug-and-play USB audio I/O solution. The Attero Tech Axon C1 is a flexible IP-based control solution for networked A/V systems enclosed in a single gang Decora in-wall design with an OLED display and rotary encoder. Paired with Attero Tech's unIFY Control Panel software, the C1's menu structure provides application-specific menu customization and offers a simple control solution for functions such as volume/mute control and preset recall. [mseaudio.com](http://mseaudio.com)

## Theory Audio Design Speakers, Controller | BOOTH #SR-7

Theory Audio Design announces the first seven products are now available for pre-order.



Founded by Paul Hales,

30-year loudspeaker engineer, AV industry veteran, and owner of audio manufacturer Pro Audio Technology (PRO), Theory products marry PRO's acoustic performance and professional features with contemporary design at a much lower cost.

Speaker models in the Theory lineup consist of three soundbars (sb65, sb75, and sb85) designed to match with 65-inch, 75-inch and 85-inch flat panel TVs, an all-purpose on-wall loudspeaker model (sb-25) with dual 5.5-inch carbon fiber woofers, as well as two subwoofers (sub12 and sub15) with 12-inch and 15-inch drivers.

At the core of all Theory systems lies a nine-channel Amplified Loudspeaker Controller (ALC-1809). With 1,800 watts per system and 96 kHz/32-bit digital signal processing, the ALC-1809 combines the functionality of five products in one; A multichannel DSP processor, high-power multichannel home theater and distributed audio amplifier, multichannel mixing amplifier, multichannel bass manager, and high-resolution loudspeaker processor, all of which fits into a single 1U unit.

Full surround systems up to 7.2 or 5.2.2 can be put together with a nine-channel Amplified Loudspeaker Controller for under \$10,000. Theory products will be available in October but are available now for pre-order. CEDIA Expo attendees that sign up to be an authorized dealer during the show will also benefit from special at-show pricing. A selection of Theory products will be on display, and attendees are encouraged to experience the 5.2.2 Dolby Atmos system demo consisting of a Theory sb75 75-inch soundbar, four sb25 multipurpose surround speakers, and two sub15 15-inch subwoofers, all driven by Theory's ALC-1809 Loudspeaker Controller. [theoryaudiodesign.com](http://theoryaudiodesign.com)

## Origin Acoustics PBR68 | BOOTH #3837

At CEDIA 2019, Origin Acoustics brings the refined sound of the Director Collection to the world of commercial installation with our Professional Bayonet Pendant. By utilizing the Director Collection's unique tool-less mounting system, we've been able to produce a UL-listed pendant shell that is capable of hosting any one of our 25 different 6-inch and 8-inch Director loudspeakers, as well as optionally convert them to 70 volt.

By forgoing the typical tear-drop shape we've increased the overall volume of the enclosure without increasing the relative size. This way, we've been able to stay true to our promise of more bass, less space. [originacoustics.com](http://originacoustics.com)



# 4K UHD HDMI ACTIVE OPTICAL CABLES

Constructed using SSF™  
Fiber Optic Technology.

- 4K60 UHD 4:4:4 | 18 Gbps
- 4 Strands SSF™ Optical Fiber
- ARC, WCG, HDR
- Newest Chipset Technology
- Riser Jacket
- Up to 30 Meters



**PLANET WAVES™**  
[www.planetwavesci.com](http://www.planetwavesci.com)

**CEDIA EXPO  
BOOTH #2020**

## HDMI ACTIVE OPTICAL CABLES **REDEFINED**

HDMI Active Optical Cables built  
with SSF™ Fiber Optic Technology.

4K60 UHD 4:4:4 | 18 Gbps  
SSF™ Optical Fiber  
Newest Chipset Technology  
ARC, WCG, HDR  
Plenum Jacket  
Up to 30 Meters

**CEDIA EXPO  
BOOTH #2020**



**CLEERLINE SSF™**  
[www.cleerlinefiber.com](http://www.cleerlinefiber.com)

### Josh.ai New Features | BOOTH #4319

Josh.ai has introduced new features designed to protect end-client user data and enhance user security, as well as new partner integrations, including Ketra, Comcast, and Samsung.

With its emphasis on local processing, Josh.ai is focused on a secure user experience. Users have the option to disable all data gathering and/or delete specific logs if they choose. Josh.ai has announced new features around permissioning, allowing clients and integrators to specify more granular user roles throughout the Josh environment.



Josh is also announcing a TV remote built directly into its iPhone and iPad apps. Clients will now be able to control their TV via the Josh UI thanks to a new update with the Josh app. New TV features in the app, such as channel control and source selection, offer the client a natural and intuitive touch experience for control.

Josh is also happy to announce a new feature called concise mode. When activated, Josh will respond with shorter (one-word) confirmations when controlling certain devices in the home. For example, if you're in the living room and ask for the lights to go on, instead of the response, "Your living room lights are now on," Josh will simply reply "OK."

In addition to existing integrations such as Sony, Dish, and LG, Josh has partnered with Comcast and Samsung on new native control. The Comcast integration offers control of live TV using both voice and the Josh app. Clients can ask for channels by name or number, which, when combined with Josh's ability to do compound commands, offers an unparalleled experience.

For example, Josh clients with Comcast can now say, "OK Josh, stop the music, close the shades halfway, dim the lights, and watch ESPN." Functionality also includes the ability to navigate the Comcast guide and menu, play, pause, fast-forward, rewind, and select television content. Josh also now integrates with Samsung IP TVs, offering the ability to toggle power, control volume, and change sources.

Josh.ai is announcing native integration with Lutron's innovative Ketra lighting system. In addition to on/off commands and adjusting brightness, clients will be able to adjust the color temperature and the hue of the lights via voice commands or the Josh app.

Additionally, Josh now auto-discovers and controls favorites from Sonos, making it easy to voice command or tap to run playlists.

The company has four training sessions set for the show:

- ▶ Josh Manufacturer Training | Josh.ai - Integrating Voice Control for Luxury Projects | Wednesday, September 11 | 3-4:30pm | Room 4C | 0.75 CEU Credits
- ▶ CEDIA Training | Integrating Custom Voice Control for the Whole Home | Wednesday, September 11 | 10:30-12pm | Room 110 | 1.5 CEU Credits
- ▶ Panel Discussion | Smart Home for Good: Technology Benefits at Every Stage of Life | Thursday, September 12 | 1-2pm | Room 712
- ▶ CEDIA Tech Talk | Designing with Tech | Saturday, September 14 | 11:30-12pm | Smart Stage **josh.ai**

### Legrand Nuvo 8-Inch In-Wall, In-Ceiling Subs | BOOTH #905

Legrand introduces a new family of Nuvo 8-inch in-ceiling and in-wall passive subwoofers and matching digital amplifiers. Optimized for small, medium, and large home theaters and audio installations, the three compact single and dual subwoofers deliver a powerful, low-frequency impact, while the wall- and rack-mount amplifiers are packed with convenience features for maximum versatility.

For smaller installations, the NV-SUBIC8 in-ceiling subwoofer features a round magnetic grille — with an optional square grille available — and an infinite baffle design for maximum placement flexibility. The NV-SUBIW8 and NV-SUBIWDUAL8 in-wall single and dual subwoofers are designed for medium and large projects, respectively. Both units feature a sealed cabinet constructed of durable MDF for a distortion-free, superior bass experience. The NV-SUBIW8 offers a square magnetic grille, while the NV-SUBIWDUAL8's grille is rectangular. All three subwoofers are backed by a lifetime warranty.

Up to two NV-SUBIC8, NV-SUBIW8, and NV-SUBIWDUAL8 subwoofers can be deployed with their matching amplifiers: the 100W NV-SUBAMP100-xx, 200W NV-SUBAMP200-xx, and 500W NV-SUBAMP500-xx, respectively. All three units feature signal-sensing power activation, unfiltered LFE/RCA stereo inputs for connecting to most modern receivers, and variable crossover and phase control to match subwoofer output with the main speakers for premium performance and sound. A three-position EQ switch allows amplifier output to be tailored to any Nuvo in-ceiling or in-wall passive subwoofer.

The wall-mount NV-SUBAMP100-xx amplifier offers a convenient two-conductor connector to power an optional wireless receiver. The rack-mount NV-SUBAMP200-xx and NV-SUBAMP500-xx feature 12V DC trigger inputs and outputs, allowing them to control or be controlled by external devices. The NV-SUBAMP500-xx adds digital signal processing (DSP) for a variety of listening modes and an easy-to-navigate front screen. An IR input allows for simple use with control systems.

Legrand's new family of Nuvo subwoofers and amplifiers is available now. For more information on Nuvo audio solutions, please visit <http://bit.ly/NuvoSubs>. **legrand.us**



# KEEP AN EYE ON YOUR BUSINESS

with powerful field service management software



Come visit us at  
**CEDIA**  
Booth #333

## Discover What simPRO Can Do for You!



Track multi-stage projects



Create accurate estimates



Manage inventory



Receive detailed business reports



Automate workflows

### Meridian Audio Architectural Speakers | BOOTH #3030

Meridian Audio offers its architectural range, which includes the DSP520.2 and DSP640.2 in-wall loudspeakers and the DSP320.2 in-ceiling/in-wall loudspeaker. These loudspeakers can use two-channel, multichannel, or single-speaker systems.

The DSP640.2 features eight power amplifiers delivering 100 watts per drive unit and L+R mode for high-power soundbar applications. It is capable of delivering over 105dB over 4 meters, providing full range sound with bass extension down to 40 Hz, together with Meridian's on-board Enhanced Bass Alignment which aligns the high, mid, and upper bass frequencies for added clarity. In addition, Meridian's Centre Elevation technology raises the perceived image location from an under-screen loudspeaker, so it seems to appear from the center of the screen.

The DSP520.2 has many similar qualities to the DSP640.2, but also includes an all-new quad-amp DSP design with four powerful amplifiers delivering 100 watts per drive unit. The DSP520.2 features 1 x 140mm-long throw bass driver and 1 x 85 mm wide-range drivers for full-frequency response, maximum dispersion, and wide listening area. It also comes equipped with the latest on-board Meridian technologies including Centre Elevation. [meridian-audio.com](http://meridian-audio.com)



### NAD CI 8-120DSP | BOOTH #3030

NAD's new generation of distribution amplifiers offer the signature NAD sonic performance with



a host of technological features. These new amplifiers will allow installers to program and control a variety of functions which can be accessed through a web browser. The custom web app can manage DSP calibration and IP control as well as offer several diagnostic features. Once the installer has accessed the unit from within the network, the amplifier can be set up, calibrated, as well as reboot, factory reset, restore custom settings, and update firmware.

All models are based on tried and true amplification platforms delivering stable and reliable performance. A variety of power methods are available as well as an Eco mode setting for minimal power consumption. The first of the new NAD Distribution Amplifiers is the CI 8-120DSP, available in October.

The CI 8-120 delivers 8 x 120 watts per channel at 8ohm and is bridgeable to 4 x 240 watts per channel at 8ohm. The hybrid digital amplifier platform delivers stable and efficient power with high current capability in a 1U rack space. The CI 8-120DSP uses a custom version of the Hypex UcD output stage. This allows for massive power with extremely low distortion and noise. Available in October. [nadelectronics.com](http://nadelectronics.com)

### MantelMount MM860 Robotic Mount | BOOTH #4336

Relying on feedback from both the installer and consumer communities, MantelMount introduces its Automated MM860 Robotic Mount. This Smart Home Ready motorized TV mount automatically lowers and swivels a TV to eye level, for a comfortable home theater viewing experience, especially for installations high on a wall or over a fireplace.



Three years in the making, the Automated MM860 Robotic Mount represents a home automation solution that works with all popular automation control systems, including Control4, Crestron, RTI, Savant, Logitech and URC, with command sets for hard-coding additional systems. In addition, the MM860 can be controlled through the included 433 MHz RF remote, as well as IR-based remotes from Logitech and URC.

The patent pending multi-axis hub, proprietary software, and precision electronic actuators allow the Automated MM860 Robotic Mount to lower and swivel simultaneously in one fluid movement. It offers synchronous vertical and horizontal travel to a preset position. It offers power-sensing technology that detects when the TV is turned on and automatically lowers it to a favorite preset, providing automation even without a control system.

For those consumers with televisions mounted above a fireplace, the MM860's Temperature-Sensing Monitor automatically returns the television to its home position if an unsafe temperature is detected. This feature is especially useful with home automation systems programmed to start the fireplace while unattended.

As with the company's manual Pro Series mounts, the Automated MM860 Robotic Mount can be recessed for flush-to-wall installations. When recessed, the mount's lifting arm and electronics are completely concealed in the raised position, further enhancing the mount's aesthetics. The mount can also be surface mounted and includes paintable covers for a sleek, designer look. Cable ties keep the signal and electrical cords neat and organized.

Featuring true plug-and-play networking, the Automated MM860 Robotic Mount is DHCP-enabled right out of the box and is easily identifiable on the network. The product's communication protocols allow the mount to be managed with IP and RS232 through Ethernet, dry contacts, or a serial IRDA port. The MM860 comes complete with an on-board webserver for simple browser-based configuration. Updating the mount to the latest software and firmware from the internet is a simple operation, allowing for fully optimized performance upon installation. Additionally, integrators will appreciate that all the mount's electronics are in one highly accessible, lightweight control box, which can be easily serviced or removed if necessary.

The MM860 Robotic mount is made to fit TVs with a diagonal measure of 55 to 100 inches and up to 125 pounds (total load). It offers a vertical drop of up to 30 inches; an off-the-wall distance of 20.5 to 24 inches; and a swivel capacity of up to 25 degrees to either side.

MSRP of the MM860 is \$1,999. MantelMount also offers a lifetime limited warranty for all TV mounts and accessories.

[mantelmount.com](http://mantelmount.com)

eve | plus  
simply dock your iPad

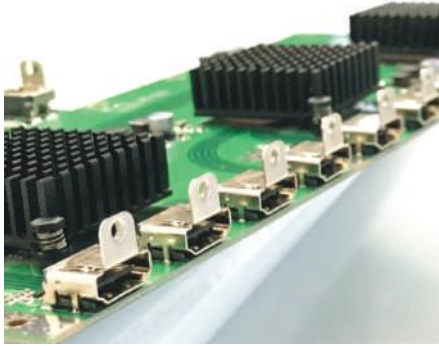


VISIT OUR BOOTH 3334 AT CEDIA EXPO

**basalte**  
[www.basalte.us](http://www.basalte.us)

**StormAudio HDMI 7+2 eARC Board | BOOTH #4327**

StormAudio has completed in-house development of a proprietary HDMI card that in late September 2019 will be integrated into its preamp/processors and available as an upgrade for 4U StormAudio processors in the field.



The card will be revealed at CEDIA Expo, featured at StormAudio's booth and in three high-profile home theater demonstrations: Seymour-Screen Excellence (SR-10), Alcons Audio (SR-13), and M&K (booth 4143).

Named StormAudio HDMI 7+2 eARC, the seven-input/two-output card delivers improved switching time and compatibility with all HDMI connectable devices. Significant key features include full 4K, 18 Gigabytes per second bandwidth on all input and output ports, plus DolbyVision and HDR10. Also integrated is eARC (a feature of HDMI 2.1) wherein immersive sound comes from the 8K TV via HDMI to the processor then on to Serving the upper-end of the home cinema category, the StormAudio range consists of 16-, 20- and 32-channel digital and analog immersive audio preamplifier processors and 8- and 16-channel power amplifiers.

The processors all feature built-in compatibility with Dolby Atmos, DTS:X and Auro-3D and integrate solutions including Dirac Live Room Calibration and StormMonitoring remote web-based monitoring tool. [stormaudio.com](http://stormaudio.com)



**Trinnov Audio Altitude32 | BOOTH #SR-19**

Trinnov Audio, designer and manufacturer of reference audio processors for home theaters, high-end hi-fi, professional audio and commercial cinemas, will be the first company to bring DTS:X Pro technology to home theaters in the Altitude32 and Altitude16 processors. The technology will make its CEDIA Expo debut in Sound Room 19, where Trinnov will entertain show visitors with an active 11.4.8 channel immersive audio system. The demo is in partnership with Triad speakers and Home Theatre Environment, in a custom-built HTE acoustical environment. [trinnov.com](http://trinnov.com)

**SnapAV Control4 Merger | BOOTH #3707**



**Snap**  
 av

SnapAV and Control4 announce the successful completion of their merger. Unified into a single organization, Control4

becomes a professional smart-home brand in the company portfolio, SnapAV continues to bring technology professionals an end-to-end partner that invests relentlessly in growing the industry and helping their businesses succeed.

The combination of these two companies brings together a robust product catalog of in-house brands and third-party products, backed by highly experienced product engineering teams, customer service, education and training programs, and in-field technical support. Together they have the resources and logistics infrastructure to be a one-stop shop that drives value added services for technology professionals across the industries they serve.

Dealers can expect to see continued investment in both local and international expansion. Ordering products will remain the same for now, but over time, the combined portfolios will be made available through online ordering, shipping, and local pickup. SnapAV intends to invest further into the international markets Control4 has established including the U.K., Ireland, China, Germany, Australia, New Zealand, and Switzerland. [SnapAV.com](http://SnapAV.com)

**Modus VR Design Software | BOOTH #4343**

Modus VR, developer of the world's first virtual reality design software for media rooms and home theaters, will unveil an updated version of its award-winning platform at CEDIA 2019. Show attendees can also experience A/V room design at the booth with a one-on-one session in virtual reality that is led by a Modus VR specialist.



With the latest version of Modus VR, integrators can deliver a virtual reality experience to clients that expedites the design process and increases sales opportunities. The newly updated software provides more flexibility and options than ever before, including an updated CAD export workflow, options for new virtual finishes and materials, support for new Windows Mixed Reality headsets, and improved organization of the virtual objects library.

Once a room is built in virtual reality, it can be exported as a CAD document faster than ever, thanks to the platform's new CAD export workflow. Using a simple UI, integrators can create as many different views of the space as they need, and even add a company logo and information to PDFs for the ultimate in professional presentation. The new support for Windows Mixed Reality headsets further enhances the sales process by eliminating the need for external sensors and making setup and breakdown of a VR experience much faster and simpler. The software update includes several bug fixes. [modusvr.com](http://modusvr.com)



# CONTENTS

**ultimate DVR replaces your cable box**

**elegant movie server**

**skips commercials**

**records streaming**

**up to 20TB of internal storage**

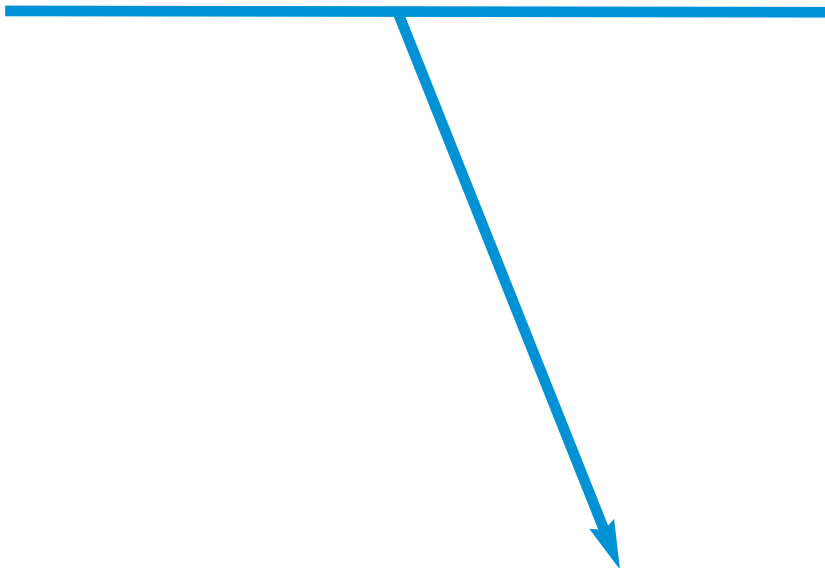
**digital music stereo system**

**plays DVD and Blu-ray discs**

**multi-function remote w/ voice control**

**stores family photos + videos**

**all your content on one beautiful screen**



## MODULUS

You are now free to enjoy your media.  
Order yours today at [getmodulus.com](http://getmodulus.com)

### Savant Savant Breaker-Companion Modules | BOOTH #1500

Savant Breaker-Companion Modules provide panelized lighting control and energy management functionality that delivers individual load-level control throughout the home as well as utility-grade reporting of energy usage data. Designed in partnership with sister-company Racepoint Energy, Savant Breaker-Companion Modules have been engineered to deliver both control and energy management functionality of lighting loads as well as other devices throughout the home. These modules have been designed to fit into standard electrical panels as a functioning companion (hence the product name) to any circuit breaker in the home.

Savant's Breaker-Companion Modules are engineered to deliver control and energy management of lighting as well as other electrical loads such as household appliances throughout the home from a

compact, easy-to-install form factor. Their compatibility with standard electrical panels eliminates the need for excessively large, more costly specialty panels, and their compact size ensures design application flexibility for integrators while eliminating the need for low-voltage wiring within the panel. Because these modules can be used for many individual electrical load applications throughout the home and are fully compatible with the Savant control ecosystem, technology integrators have an opportunity to deliver better smart home functionality, critical energy usage data across all electrical load types as well as the foundation for a net-zero compliant home design.

Integrators can connect large appliances, outlets, pool pumps and other electrical loads (up to 30 amps in a standard configuration, and higher amperage with added hardware) to Savant's modules and deliver energy consumption data across the whole home to the Savant Pro App, providing environmental control of climate, lighting and other electrical loads. During peak usage times or other electrical events, homeowners can see power consumption and make real-time adjustments through the Savant Pro App or rely on their Savant system to make adjustments automatically on their behalf. [savant.com](http://savant.com)



### Platinum Tools Cat6A/7 RJ45 (8P8C) Modular Connector | BOOTH #4133

Platinum Tools will showcase the recently launched shielded Cat 6A/7 RJ45 (8P8C) modular connector (p/n 106240). The new connector is now available. The new shielded Cat 6A/7 RJ45 modular connector is designed to terminate round solid or stranded, 28 to 26 AWG, Cat 6A/7 network cable. The connector contains three-prong contacts that hold the wire in place giving a reliable connection, and meets and exceeds 10 Gig performance standards.



Additional features and specifications include:

- ▶ Cable jacket outer diameter size range: 0.224 inch – 0.335 inch (5.7 mm – 8.5 mm)
- ▶ Insulation diameter (conductor) size range: 0.037 inch – 0.041 inch (0.94 mm – 1.05 mm)
- ▶ Designed for both shielded and unshielded cabling
- ▶ Compatible with Cat 7, Cat 6A, Cat 6E, and Cat 6
- ▶ Meets ANSI/EIA/TIA/TAA specifications
- ▶ Round solid and stranded, 28–26 AWG
- ▶ Shielded connector, external ground
- ▶ Three-prong, 50 micron gold plated contacts
- ▶ Three piece with liner and spacer bar
- ▶ UL and RoHS/FCC compliant
- ▶ Color: clear/transparent
- ▶ Compatible crimp tool: Tele-Titan Xg 2.0 Crimp Tool (P/N 12516C) [platinumtools.com](http://platinumtools.com)

### Leon Speakers Tonecase TcFIT mounting bracket | BOOTH #2943

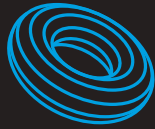
While the demand for Sonos only continues to rise, it's often challenging to integrate their products into high-end spaces in a design-friendly way. Luckily, Leon offers a number of products designed to complement and conceal Sonos speakers and amps, from streamlined mounting solutions, to hardwood cases, to its new Ente Series.



Leon's Tonecase TcFIT mounting bracket for the Sonos PLAY-BAR mounts it directly above or below the display, complete with a hand-stretched grill built to match the exact width of the TV. The Tonecase Hardwood Cabinets wrap the Sonos ONE, PLAY:1 and PLAY:5 in a solid hardwood case that is available in a variety of finishes for a seamless match for spaces where hardwood finishes and furnishings are prominent.

It's Ente Series offers a line of lifestyle products that Leon designed in partnership with Sonos to accommodate their new amp. Comprised of three products, the Ente Series includes the Ente SoundTile, the Ente Sound Sculpture, and the Ente Soundbar.

[leonspeakers.com](http://leonspeakers.com)



**TORUS POWER**

Toroidal Isolation Power Transformers

# INTRODUCING THE AVR ELITE SERIES

CEDIA<sup>®</sup>  
EXPO

SEPT 12-14, 2019 BOOTH #2533  
COLORADO CONVENTION CENTER

BOOK A MEETING AT  
[WWW.TORUSPOWER.COM/CEDIAEXPO2019](http://WWW.TORUSPOWER.COM/CEDIAEXPO2019)

TO SEE THE NEW AVR ELITE AND RECEIVE  
A SPECIAL LIMITED EDITION GIFT

[WWW.TORUSPOWER.COM](http://WWW.TORUSPOWER.COM)

[SALES@TORUSPOWER.COM](mailto:SALES@TORUSPOWER.COM)

## RBH SOUND SI 831R | BOOTH #SR-3

RBH Sound introduces the SI 831R, the newest member of the company's Signature Series In-wall lineup. The new speaker is designed specifically to be integrated into baffle-walls and other custom-finished locations in medium to large home theaters and two-channel listening environments. The company claims the SI 831R combines the high performance of conventional freestanding speakers with the ability to be hidden away, allowing both custom integrators and interior designers greater design flexibility for their clients.

A spinoff of the company's award-winning flagship SVTR freestanding tower monitor, the SI 831R features the same speaker components as the SVTR's top-half SI 831R module. Three 8-inch aluminum cone woofers are used to provide plentiful bass and midrange frequencies, and an Aurum Cantus AMT Aero Striction Tweeter is used for incredibly detailed upper-midrange and high frequencies extending to 35kHz, well beyond the capabilities of human hearing. The individual speaker components are arranged in a W-T-W-W line array, allowing the new model to be used for left, center, and right (LCR) effects channels, a feature explicitly requested by RBH's dealers.

According to RBH, the SI 831R's basic cabinet design and shallow 9-inch depth allows custom integrators to better adjust its position in the baffle wall. Integrators can now achieve reliable freestanding performance without the extra depth and bulk normally required to accommodate freestanding speakers. Additionally, the SI 831R does not feature any tuned vents to help keep installation simple and uncomplicated. Made entirely from medium density fiberboard, the SI 831R's cabinet isn't flashy and doesn't tend to turn heads as its glossy sibling does, but RBH says there's a good reason for this. Since the SI 831R is designed to be hidden anyway, RBH insists there's no need to invest in a handsome cabinet only to have it concealed behind a screen or custom grille.

The SI 831R weighs in at 62 pounds with dimensions of 13.5 (W) x 42 (H) x 9 (D) inches. It has a sensitivity of 93dB (2.83V @ 1M) and has a frequency response of 50Hz to 35kHz (±3dB). RBH's suggested retail price for the SI 831R is \$1,989.95 each. It is shipping now through the company's authorized dealer and distributor network. [rbhsound.com](http://rbhsound.com)



## PSB Subwoofer Models | BOOTH #2520

PSB has created a family of subwoofers that offer a wide variety of audio system design solutions. Three distinctly different designs enable an installer the ability to simply pick the right tool for the job. In addition, PSB has developed a matching subwoofer amplifier to power up to two subwoofers simultaneously. All three subwoofer models are voiced to deliver tight and detailed bass response and are comfortable playing demanding theatrical and musical tracks alike.

The CS-IW Sub 28 has a sealed cabinet subwoofer with dual 8-inch high performance drivers capable of delivering detailed low frequency performance. Equipped with heavy-duty nylon dog-ears, and a magnetic small perforation grille, the CS-IW Sub 28 can be used in both new construction or retrofit applications. It has an MSRP of \$899.

The CS-IR Sub in-room subwoofer measures 15.75 x 15.75 x 4.7 inches and can disappear into the décor of any room. It can be mounted on a narrow, low-profile plinth and placed upright. The sub can also be set on its back allowing it to be tucked out of the way, behind or under furniture. It comes with a mounting bracket, enabling the subwoofer to be wall mounted to maximize floor space. The 10-inch high performance shallow driver offers deep and resonant bass. The MSRP is \$1,199.

The CS-IW 10 is a new construction subwoofer and was created to isolate the sealed cabinet from the drywall, as well as minimize the protrusion of the grille from the surface of the drywall. The design couples the subwoofer cabinet to the stud beams and allows the grille to accommodate various wall thicknesses. A high excursion shallow driver delivers bass response that is both precise and plentiful and comes with an MSRP of \$1,099.

The CS-500 W digital subwoofer amplifier delivers sufficient power for up to two PSB subwoofers in parallel. The DSP is capable of being calibrated to several EQ settings as well as containing profiles tailored for the PSB subwoofers. A built-in limiter circuit filters the incoming information and keeps it from driving the subwoofer beyond safe operating parameters. It can be powered up by several means including signal sensing and 12 volt trigger. A rack mount kit enables the subwoofer to be mounted into a 1U rack space. It has an MSRP of \$999. [psbspeakers.com](http://psbspeakers.com)





# d-tools

System Integration Software

## Software for System Integrators

Visit D-Tools at  
**CEDIA**  
Booth #1343

Streamline your end-to-end workflow from the initial contact through quoting, system design, procurement, installation and service.

**SI** System Integrator

d-tools  
cloud



**30 Day Free Trial at D-Tools.com**

## Metra Home Theater Group Workshop, New Signal Distribution Products | BOOTH #1338



Metra Home Theater Group will be hosting a workshop at this year's CEDIA Expo featuring Jeff Boccaccio, president of DPL Labs and an expert on digital signaling solutions and HDMI, along with Brent McCall from MHTG's technical support and product development team. This one-hour-long workshop session is hosted at MHTG's booth 1338 on Thursday, Sept. 12 and Friday, Sept. 13 at 1:00 pm. Both days will have the same session topic and attendees will be entered in a drawing for a chance to win new products.

Boccaccio and McCall will be presenting on the topic, "The HDMI Cable Faceoff: Which One to Use in Your MHTG Toolbox." The workshop will teach the pros and cons of all transmission lines so custom integrators can adapt to any project's requirements.

The goal is to prevent integrators from getting stuck on problem jobs by showing when to use fiber, active and passive copper, along with the latest HDMI tools for 4K and 8K home theater systems.

Boccaccio will also showcase new innovative technology designed to fix or upgrade existing systems and help integrators get to 8K, without the bumpy ride. While no single product will work for every project encountered, there is an ideal solution for each price point, length, and requirement. A live HDMI testing demonstration will also be included in the workshop to show attendees the differences between each type of product. Knowing when to use each will help integrators be more competitive and successful in their installation projects.

Workshop attendees will be entered into a drawing to win the HDM-GA2, Velox EHV-HDP18 HDMI cable or the Install Bay 50-foot fiber IB-HDAOC-050 HDMI cable. The drawings will take place immediately following the workshops. To register online to attend this workshop, visit <https://metrahometheater.com/cedia.html>.

MHTG will also be launching a variety of new A/V distribution, HDMI, power and retail products at the 2019 CEDIA Expo. An array of HDMI matrixes, extenders, switches, fiber tools and next-generation repair solutions from Ethereal will be unveiled to dealers and distributors. These new products are simple to set up and will be available in different transmission distances and resolutions, supporting up to 4K at 60 Hz HDR. New Helios retail A/V products will also be joining the product lineup to expand their existing power and home theater solutions. [metrahometheater.com](http://metrahometheater.com)

## Séura & Coastal Source Destination Backyard | BOOTH #2013

At the CEDIA Expo two of the most popular outdoor A/V equipment manufacturers will team up to demonstrate outdoor systems. Coastal Source is partnering with Séura to



host a Destination Backyard showcase on Sept. 12 and Sept. 13. The outdoor A/V demonstration area will be located adjacent to the Colorado Convention Center main entrance, and the space will feature grassy areas, patio furniture, lawn games, outdoor seating, canopy tents that help these companies to showcase their respective product lines.

"Séura and Coastal Source have complementary products that when combined, create an incredible outdoor experience," states Franco D'Ascanio, president and founder, Coastal Source.

According to Gretchen Gilbertson, CEO and co-founder of Séura, the vignette will be as real-world ready as possible. "Placing our products outside allows people to quickly make the connection that these products are designed for the outdoors," Gilbertson says. "Not only will people witness the brighter picture quality and clear sound for noisy outdoor environments, but these products are fully weatherproof. If an afternoon Colorado thunderstorm rolls in, the products will be just fine." [seura.com](http://seura.com); [coastalsource.com](http://coastalsource.com)



## Leon Speakers Terra LuminSound Series | BOOTH #2943

Why specify outdoor speakers and outdoor lights when there's a product that combines the two? Leon's Terra LuminSound Series makes outdoor A/V easy by incorporating high-fidelity sound and LED lighting in one compact bollard design. Available in two sizes and five models, LuminSound provides adjustable path or landscape lighting while allowing for precise aiming of high-fidelity sound for maximum coverage.

Each MR16 waterproof lamp delivers warm, white illumination that can be adjusted by tilting the lamp up within its cast aluminum housing. The upper audio section houses a 5.25-inch coaxial weatherproof speaker with an ACAD ceramic aluminum cone and a 0.75-inch aluminum dome tweeter, and it can be rotated to direct the sound. A built-in switch allows for operation as a 70V or low impedance system.

The Terra LuminSound Series come standard in black or green with custom finishes available. [leonspeakers.com](http://leonspeakers.com)

**JBL**

SYNTHESIS®

# THE ART OF SOUND

For those who desire the ultimate home theater experience, nothing compares to a JBL Synthesis system. Industry-leading, patented acoustic technologies delivering effortless power, stunning dynamics, and sense of emotion that grabs ahold and doesn't let go.

There is no substitute.



**VISIT US AT CEDIA EXPO 2019 | BOOTH #1313**

For exciting news that will change how you think about home theater performance.

©2019 HARMAN International Industries, Incorporated. JBL Synthesis and the JBL Synthesis logo are trademarks of HARMAN International Industries, Incorporated, registered in the United States and other countries. All rights reserved.

# White-Glove Service with our Concierge Team



## **A Concierge Program Designed With You in Mind**

The DISH Custom Integration Program provides integrators with exclusive benefits like on-site surveys and installations, a dedicated support team, and account management on behalf of customers.

Visit us at the CEDIA Expo at Booth #1707  
[DISH.COM/CUSTOMINTEGRATION](http://DISH.COM/CUSTOMINTEGRATION)

**dish**  
Custom Integration