



Summer 2018



# Revel is a unique loudspeaker company

that exists for the design and production of innovative, no-compromise products that expand the performance envelope of home sound reproduction.

Revel was launched as a distinguished Harman International brand in January 1996, when company Chairman Dr. Sidney Harman asked Kevin Voecks, now Product Development Manager, of HARMAN Luxury Audio Group, to create the world's finest loudspeakers, period — no strings attached. "Indeed, Dr. Harman remained true to his word, never attempting to influence Revel's technical or sonic direction," notes Voecks. "And the reception by the worldwide press, dealers, international distributors and music lovers has made it clear that Revel made it to the top in terms of international recognition in truly record time."

When the brand started out, the vast majority of high-end loudspeaker manufacturers were

using off-the-shelf transducers. Most were using transducers from OEM sources that would allow very limited customization. A manufacturer could ask for performance targets, but the vendor would essentially 'choose a voice coil from column A and a spider from column B,' and the manufacturer would have to take what they could get. Revel has been in the enviable position from the start of having extraordinarily talented transducer engineers who design each of our drivers from the ground up to be ideally suited for each specific application. Revel has led the way with innovative transducers that allow us to achieve lower coloration and reduced distortion in our loudspeaker systems.

Revel has never been forced to guess or make assumptions when making the countless design decisions that are part of any loudspeaker design. We have always had the luxury of utilizing our internal, world-leading research. In cases where

no such research existed, the Harman Corporate Acoustics Research Group — a group of researchers and engineers world-wide that are unquestionably without peer in the loudspeaker industry — do the research required for us to make the world's finest loudspeakers.

Revel was the first brand to embrace the multi-channel listening lab approach to testing, where double-blind listening tests have been refined to such a degree that the results yield repeatable metrics, rather than the unreliable and unverifiable results of non-blind tests. These unique listening tests are done in a manner that eliminates speaker placement as a variable, which is essential for meaningful results.

See and hear Revel products for yourself, and experience the passion of this exceptional company.

## Rigorously Tested

*Revel engineers believe that better testing produces better speakers. So every loudspeaker they make is subjected to a battery of tests to determine musically relevant measurements. The proprietary HARMAN analysis yields data that correlates closely to what people actually hear. Before a Revel loudspeaker ever satisfies a discriminating reviewer or audiophile, it has to satisfy the toughest audience of all: trained Revel listeners.*



# ULTIMA<sup>2</sup> Series

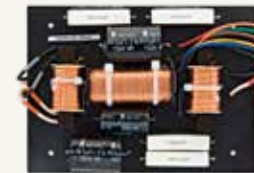
World-class engineering and an unmatched design team worked in tandem to create a state-of-the-art music and cinema loudspeaker series that has the ability to capture the magic and raw emotion of a live performance or the pulse-pounding excitement of a surround-sound movie soundtrack. The result of that marriage between engineering prowess and design sophistication is the Ultima2 series. Ultima2 combines a dazzling visual aesthetic while affording unmatched flexibility for any style and configuration of listening space – from the modest den, to the high-flow family area, to the dedicated media room.

From any point of view, the Ultima2 series is a feast for the eyes. Each sensuous line and arc the realization of form and function that not only flatters a listening area but elevates the listening experience to new heights. Available in either a shimmering high-gloss mahogany veneer or a high-gloss piano-black finish, Ultima2's true beauty is much more than skin deep.





Gem2 Mid Filter



Voice2 Woofer Filter



Salon2 Tweeter Filter



Studio2 Woofer Filter

### Crossover Networks

Each Ultima2 loudspeaker employs separate filter boards for each frequency range. Ultima2 fourth-order crossovers provide greater power handling and dramatically lower and dynamic compression distortion than simpler networks and achieve superb integration, transparency and musicality.





Ultima2 Midrange

Piston-like Behavior

Ultima2 woofer and midrange transducers feature inverted-dome designs with titanium diaphragms that deliver superb piston-like behavior even at maximum sound levels. Oversize voice coils wound with flat copper "ribbon" wire minimize dynamic compression while maximizing sensitivity. Aluminum flux-stabilization rings minimize second- and third-order harmonic distortion, while copper caps reduce inductance modulation. The result is dramatically reduced distortion and unmatched sonic purity even at high listening levels.



Ultima2 Tweeter

Beryllium and Waveguides

Ultima2 tweeters incorporate pure Beryllium domes, which outperform even diamond domes. Together with an ultra-low-distortion motor system, their performance is simply unmatched. Acoustically optimized Waveguides provide an inaudible transition from the midrange to the tweeter. This seamlessness is essential to the Ultima2 achievement of sounding like music, rather than a loudspeaker.





Salon2

The Revel Ultima Salon2 radiates an elegance and authority equalled only by its unmatched reference-standard sound quality. The Salon2 is the embodiment of Revel's unmatched research and engineering resources. The Salon2 brings music to life utilizing three 8" woofers, a 6-1/2" mid-woofer, 4" midrange and 1" tweeter.



Studio2

The Revel Ultima Studio2 is a floorstanding design echoing all of the state-of-the-art technology of the Salon2 in a more discrete physical package. A three-way system utilizing two 8" woofers, a 5-1/4" midrange and a 1" tweeter, the Studio2 carries the graceful look of the new Ultima series.



Gem2

Optimized for a range of applications including as a front speaker in either two-channel or surround systems, or as a surround speaker. The Gem2 can be wall-mounted, or used with optional floor or bookshelf stands. The Gem2 is extremely versatile yet sonically uncompromising. Built to the exacting standards of the entire Ultima2 family and featuring an 8" woofer, a 4" midrange, and a 1" beryllium tweeter, the Gem2 yields the same rich tonal balance and timbre-matching characteristics as the other models in the Ultima2 series.



Voice2

Recognizing that a center channel faces the greatest demands of any speaker in a surround system, the Voice2 sports a pair of 8" woofers, and a 5-1/4" midrange and huge 2" diameter flat-wire voice coils. Voice2 offers not only an extraordinarily wide dynamic range, but the luxury of compression-free performance and a superb timbre match with the Salon2, Studio2 or Gem2.





The PerformaBe Series was born out of the desire to create a loudspeaker that redefined performance expectations. Using the award-winning Performa3 F208 and M106 as the starting point, Revel's development team re-engineered virtually every component in order to extract the finest details, the highest levels of performance, and the most emotion possible. With an all-new Beryllium tweeter as the basis of the PerformaBe Series, the result is unparalleled detail and accuracy along with a sense of air, spaciousness, and a cohesive soundstage that will certainly define these models as world standards in performance.







### BERYLLIUM

Beryllium – Element 4 on the Periodic Table – is a rare earth metal that is renowned for its remarkable physical properties that make it the ideal material for a high-frequency transducer. Compared to other metal tweeter diaphragms like aluminum and titanium, beryllium offers 4.5 times the stiffness and three times more damping, and does so at only half of the weight. Diamond vapor deposit diaphragms offer similar characteristics for stiffness and damping, but they do so with a weight penalty that limits performance in comparison to beryllium.

### HIGH-FREQUENCY PERFECTION

At the heart of the PerformaBe models lies a 1-inch/25mm beryllium tweeter driven by massive 85mm dual ceramic magnets. This powerful tweeter is mated to a 5th-generation, ceramic-coated, cast-aluminum Acoustic Lens waveguide engineered to seamlessly integrate with the directivity of the companion midrange or midbass driver. The result is a tweeter with greater efficiency, improved dynamic range, reduced distortion, and increased power handling compared to aluminum or titanium tweeters.





## ULTIMATE MIDRANGE CLARITY AND DEFINITION

The 5.25-inch/130mm Performa3 midrange driver has been updated with a larger DCC cone diaphragm and a smaller surround that combine for increased efficiency while a larger voice coil and ceramic motor structure reduce compression and increase dynamic range. Combined with the more efficient tweeter design, PerformaBe loudspeakers can play louder and more dynamically for an impactful and memorable audio experience.



## ADVANCED HIGH-ORDER CROSSOVER NETWORKS

PerformaBe crossover networks utilize all film capacitors and air core inductors in the midrange and tweeter circuits, as well as the woofer circuit in the bookshelf model. These premium components allow Revel's engineers to extract nuances and details that would otherwise be lost to lesser components. Combined with traditional Revel high-order crossover slopes and proprietary Acoustic Lens waveguide geometry, transducer integration is seamless, delivering a holistic, three-dimensional soundstage that allows the loudspeakers to simply disappear, leaving only you and the music.



F228Be

The Revel Performa F228Be is a powerful and elegant 3-way, dual 8-inch floorstanding loudspeaker that sets a new world standard in performance. Using the award-winning Performa3 F208 as the starting point, virtually every component was re-engineered to extract the finest details, the highest level of performance, and the most emotion possible. Featuring an all-new Beryllium tweeter, the F228Be delivers unparalleled detail and accuracy with an expansive and cohesive soundstage.



M126Be

The Revel Performa M126Be is a powerful and elegant 2-way, 6.5-inch bookshelf loudspeaker that sets a new world standard in performance. Using the award-winning Performa3 M106 as the starting point, virtually every component was re-engineered to extract the finest details, the highest level of performance, and the most emotion possible. Featuring an all-new Beryllium tweeter, the M126Be delivers unparalleled detail and accuracy with an expansive and cohesive soundstage.





# PERFORMA<sup>3</sup>™ Series

The Revel Performa3™ Series is a comprehensive collection of loudspeakers and subwoofers that blend superior audio performance and stunning aesthetics. The Revel Performa3 Loudspeaker series has garnered more than 20 awards and numerous impressive reviews since its introduction. The series is noted for its unmatched performance and beautiful construction, boasting features not commonly found on loudspeakers in this price range. Available in stunning high gloss walnut, black gloss, and white gloss finish, the Performa3 series don't sound like other speakers because they aren't engineered or tested like other speakers. Whether you enjoy music or movies, Revel Performa3 loudspeakers offer astounding performance, remarkable value and zero compromises.



The award winning Performa3 series



5-1/4" Woofer



6-1/2" Woofer

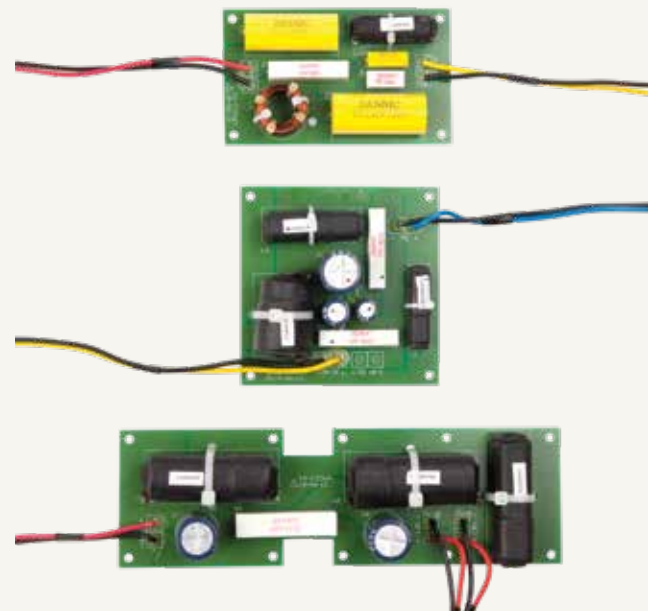


8" Woofer

Resonance-free Transducers

Revel Performa3 loudspeakers feature new transducers that incorporate several performance-enhancing advances. Motor system distortion-reduction mechanisms stabilize the magnetic flue field during operation, which ensures low distortion even at high volume levels. Ribbed aluminum cones achieve ideal, pistonlike behavior, eliminating a major source of resonances that are audible in most loudspeakers. And cast-aluminum frames eliminate another common source of resonances that can compromise sound quality.





### Crossovers

High-order crossovers dramatically reduce distortion and dynamic compression in Performa3 Series loudspeakers. The result is cleaner sound and consistent sound quality over a wide dynamic range. These advanced crossovers also optimize timbre accuracy, enhancing the listener's musical enjoyment both on-axis and throughout the room. Carefully selected crossover components help Performa3 loudspeakers achieve exceptional performance while establishing the benchmark for value.



**F208**

The 3-way dual 8" F208 floorstanding loudspeaker employs distortion reducing low-frequency and mid-range transducers and a newly created motor and dome assembly for the tweeter. It features dual 8" woofers, a 5-1/4" midrange and a 1" tweeter. The sophisticated fluid-model designed low-frequency port with identical flares on both ends and beautifully curved enclosures work together to create harmony for the ears as well as the eyes.



**F206**

Utilizing the same technologies as the F205 but in a smaller footprint, the 3-way dual 6-1/2" F206 floorstanding loudspeaker delivers an impressive combination of wide frequency range, uncompressed dynamic range and low distortion across the entire audible spectrum with dual 6-1/2" woofers, a 5-1/4" midrange and a 1" tweeter.



**M106**

The 2-way 6-1/2" M106 bookshelf loudspeakers feature small footprints and sleek designs that allow them to blend in easily with your decor. These speakers offer exceptional low-frequency performance that belies their smaller size. Similar to the larger floorstanding models, the M106 bookshelf loudspeakers feature a 6-1/2" woofer, and a 1" tweeter for superior sound. M Stands optional.



**M105**

Utilizing the same technologies as the other Performa3 models, the 2-way 5-1/4" M105 bookshelf loudspeaker fits perfectly in environments where space is at a premium but ultimate sound is still required. With piano black, piano white and high-gloss American walnut finishes, the M105 complements any decor. M Stands optional.





**C208**

The 3-way dual 8" Revel C208 center channel loudspeaker fills that demanding need by encompassing the same technologies that were perfected for the other Performa3 models. The same low-frequency transducers and midrange transducers, tweeters and waveguides that make the floorstanding speakers sound so superb are adeptly applied to the center channel models. The C208 complete with dual 8" woofers, a 4" midrange and a 1" tweeter has huge dynamic range capabilities which allow it to easily keep up with the F208s in the largest home theaters. C Stands optional.



**C205**

With a smaller footprint, the 2-way, dual 5-1/4" C205 center-channel loudspeaker can handle the soundtracks of the most demanding feature films and musical selections. Featuring dual 5-1/4" woofers and a 1" tweeter, the C205 employs the same acoustical engineering for other Performa3 models. These features are applied to a smaller, yet still powerful, center channel and make the C205 really stand out. C Stands optional.



**S206**

The surround channel loudspeaker in the Performa3 series, the 2-way dual 6-1/2" S206 features smooth, uniform response over a very wide listening area with dual 6-1/2" woofers and dual 1" tweeters. These components produce a lifelike surround-sound environment that enhances entertainment's realism for multiple listeners.



**B112**

The Revel Performa3 B112 subwoofer uses an exclusive 12" low-frequency transducer designed to produce very low frequencies at extremely high sound-pressure levels while, at the same time, maintaining extremely low distortion.



**B110**

Building upon the same technologies employed in the B112, the Revel B110 10" powered subwoofer brings deep, rumbling bass to environments where space is at a premium.

# CONCERTA<sup>2</sup> Series

The Concerta2 series of loudspeakers combines elegant design and superb finish quality with the award-winning sound for which Revel is revered. Instead of sacrificing performance, appearance, or construction quality to simply make them more affordable, Revel's designers and engineers utilized the results of years of research to make Concerta2 loudspeakers truly in a class by themselves. Utilizing advanced waveguides, Acoustic Lens technology, Klippel®-optimized transducers, patented crossover topologies and port designs, this new range of loudspeakers combines best-in-class acoustic performance with an elegant and luxurious aesthetic that belies their price point. The result is a loudspeaker that truly lives up to the Revel standard of excellence.





The lauded Concerta2 Series





**Woofer**

Revel engineers utilize state-of-the-art computer modeling tools during transducer design to optimize everything that affects performance. Laser-based analysis of the resulting prototypes confirms ideal symmetry, which results in lowered distortion and cleaner sound quality. And Micro-Ceramic Composite (MCC) cones insure ideal piston-like performance, eliminating resonances that would otherwise color the sound.



**Attractive, Yet Functional Cabinets**

A novel technique of cabinet construction was used to create Concerta2 enclosures that are not only beautiful, but also have rigid, curved side walls plus extensive bracing that result in a strong and inert enclosure. This ensures that the enclosures do not contribute coloration to the sound.

**Latest Generation Port Design**

Utilizing a patented Constant Pressure Gradient (CPG) technology in the port design, the Concerta2 ports are designed such that the inner wall of the port is contoured, allowing the change in pressure along the axis of the port from inlet to outlet duct be kept substantially constant. This design reduces the compression, or change in sound at different volumes that is present in other port designs, and optimizes both the output capability and distortion.





#### Low-Resonance Tweeters

Revel engineers created a tweeter with a mechanical resonance that is well below the operating band — which ensures linearity and consistency in the crossover region. Advanced design methodologies have allowed the tweeter/midrange crossover to be set an octave lower thereby improving the critical system directivity.

#### Tweeter Waveguide and Acoustic Lens

The Concerta2's sophisticated high frequency waveguides match the off-axis response, or directivity of the tweeter and the midrange throughout the crossover thereby making a clear difference between what is a "mechanical reproduction" and the seamless sound of real music.





F36

The Concerta2 F36 2-1/2-way triple 6-1/2" floorstanding loudspeaker features a novel woofer-midrange design that reproduces the full low frequency range in conjunction with two dedicated woofers. This allows the F36 to reach system sensitivity of over 90dB making it an ideal companion for a wide host of amplifiers including modestly-powered receivers.



F35

The other tower speaker in the Concerta2 series, the Concerta2 F35 floorstanding loudspeaker was engineered with the same design principles as the larger F36 floorstanding loudspeaker. Featuring a smaller footprint, this high-output, 2-1/2-way triple 5-1/4" floorstanding loudspeaker has the ability to provide performance worthy of the most demanding entertainment systems.



M16

The Concerta2 M16 is a true full range 2-way 6-1/2" bookshelf that features a small footprint and elegant design. For use with or without optional floor stands, the M16 delivers an impressive combination of wide frequency range, uncompressed dynamic range and low distortion across the entire audible spectrum.



S16

Similar to the M16, the Concerta2 S16 is a true full-range 2-way 6-1/2" loudspeaker. Designed to be used as either a main channel speaker or a surround channel speaker, the slim profile of the S16 allows it to be wall-mounted using the integrated keyhole mounting system on the back panel. While compact and easy to place, this model delivers impressive performance across a wide frequency response.





**C25**

As the heart of a surround sound system, the center channel loudspeaker is tasked with delivering the dialogue clarity and impact that anchors the sound to the picture. In this role, the Concerta2 C25 delivers on all accounts. As a compact 2-way, dual 5-1/4" center channel design, the C25 is the ideal match for the Concerta2 full-range models in a multichannel audio system.



**B10**

The Concerta2 B10 is a 10" powered subwoofer that delivers the serious impact and deep bass response that brings movies and music to life. With its rear-ported bass-reflex tuning, powerful 800W (1600W peak power) digital amplifier, and flexible features including an on-board parametric equalizer, the B10 is the perfect anchor to Concerta2 systems.





## **CONCERTA<sup>TM</sup>** On-Wall Series

With appropriate hardware, it's possible to affix virtually any compact loudspeaker to a listening room wall, and manufacturers are free to promote any model of a certain size and weight as 'wall-mountable.' But very few audio manufacturers have the facilities and expertise needed to determine just how their on-wall systems will sound when actually placed on or near a wall.

The performance of Revel Concerta on-wall loudspeakers has been extensively evaluated in a variety of on- and near-wall installations through blind listening tests in the Revel Multichannel Listening Lab. Using proprietary 35-point anechoic measurements, Concerta on-wall speakers have been shown to deliver remarkably flat frequency response across an exceptionally wide listening area for clean, accurate sound in real-world listening rooms.



# CONCERTA<sup>TM</sup> On-Wall Series



M8

The M8 is ideal as an inconspicuous surround loudspeaker or front-channel loudspeaker, whether wall-mounted or placed on a shelf. Voice-matched or used in any combination, Concerta speakers build movie and music systems of uncommon realism.



M10

As the left and right speakers in a music system, or perfectly matched to the Concerta C10 in a home theater system, the M10 delivers superb music reproduction and realistic, all-encompassing movie sound to rooms of virtually any size.



B1

The B1 subwoofer is a high-performance subwoofer that delivers accurate and authoritative bass from a surprisingly compact enclosure. Adjustable controls, parametric room equalization and multiple connection options provide unequaled placement flexibility and optimized low-frequency performance.



C10

The Concerta C10 is configured for the special demands of the center channel in movie soundtracks, providing exceptional dialogue reproduction and a seamless transition between the left and right front channels.



LCR8

The LCR8 simplifies the look of a multichannel theater system by doing the work of three front speakers. It delivers left, right and center channel signals with the clean dialogue and distinct imaging you would expect from separate components.



### M8 SP2 System

A sleek 2-channel system for your home theater sound with two vertically-oriented M8 satellites. The system includes surface and wall-mounting hardware for superb flexibility with positioning options.



### M8 SP5 System

A powerful 5-channel home theater surround system, including a center channel speaker to provide the heartbeat of your audio experience. The system includes four vertically-oriented M8 satellites and one horizontally-oriented M8 center channel with table cradle and wall bracket for easy stationing. As with the SP2, surface and wall-mounting hardware are available.



### B8

The Revel B8 powered subwoofer features an 8-inch down-firing cone transducer and built-in high-performance 200-watt amplifier for powerful, dynamic and accurate low-frequency performance that makes your audio entertainment come alive. Wireless audio signal transmission means you can place your subwoofer anywhere in your room without having to run a cable.



# *a* **ARCHITECTURAL** Series

## In-Ceiling & In-Wall Loudspeakers

The in-ceiling and in-wall range of loudspeakers combine Revel® best-in-class sound quality with a new mechanism and a sleek new look that integrates easily into any décor.

For true audiophile performance and easy timbre-matching to Revel in-wall, floorstanding, monitor and center-channel loudspeakers, all models\* feature Revel low-distortion motor-structure designs with aluminum-dome tweeters and Micro-Ceramic Composite (MCC) cone woofers. This allows for easy integration into home cinema systems.

The new C-2 installation mechanism\*\* is quick and easy and accommodates a wide variety of construction types and wall thicknesses up to two inches.

For the finishing touch, frameless grilles attach magnetically, giving the loudspeaker an elegant, yet unobtrusive look. Additionally, all twelve in-ceiling loudspeaker models\* include both round and square grilles to provide a perfect match for existing ceiling fixtures and lighting.

These In-Wall and In-Ceiling loudspeaker product lines offer a solution for any application ranging from background audio to high-end multichannel home theater installations, proving once again that Revel builds the World's Finest Loudspeakers.

\* Except 2-Series

\*\* Not available with C540 model



# *a* **ARCHITECTURAL** Series



## Tweeter Waveguide Assembly

High-frequencies are reproduced from minimum diffraction, acoustically optimized tweeter waveguides. Waveguides match the dispersion of the tweeter and woofer through the crossover region, resulting in uncolored response over a wide listening area. The 7-, 8- and 9-Series in-wall loudspeakers feature newly developed tweeters that help set them apart from other architectural loudspeakers at any price. Their smooth, uncolored sound is challenged only by larger and more-expensive free-standing loudspeakers. The 9-Series loudspeakers feature cast-aluminum baffles to assure freedom from fidelity-robbing speaker-induced resonances, even at high volumes.



## High Frequency and Boundary Gain Compensation

High Frequency (HF) level controls and Boundary Gain Compensation (BGC) controls are valuable features to optimize performance in a variety of applications. Both the 5- and 7-Series models have HF level control switches, and the 7-, 8- and 9-Series models have a BGC On/Off switch control. The HF level control helps adjust the sound for unusually damped or live rooms, while the BGC switch provides low-frequency compensation when the loudspeakers must be placed very close to a ceiling or second wall.



## New C-2 Installation Mechanism

An improvement over traditional mounting methods, the new C-2 mechanism accommodates wall material up to two inches thick, except W970 and W990 models, which feature aluminum baffles and multipoint high-tension mounting systems.



## Zero-Bezel Magnetic Grilles

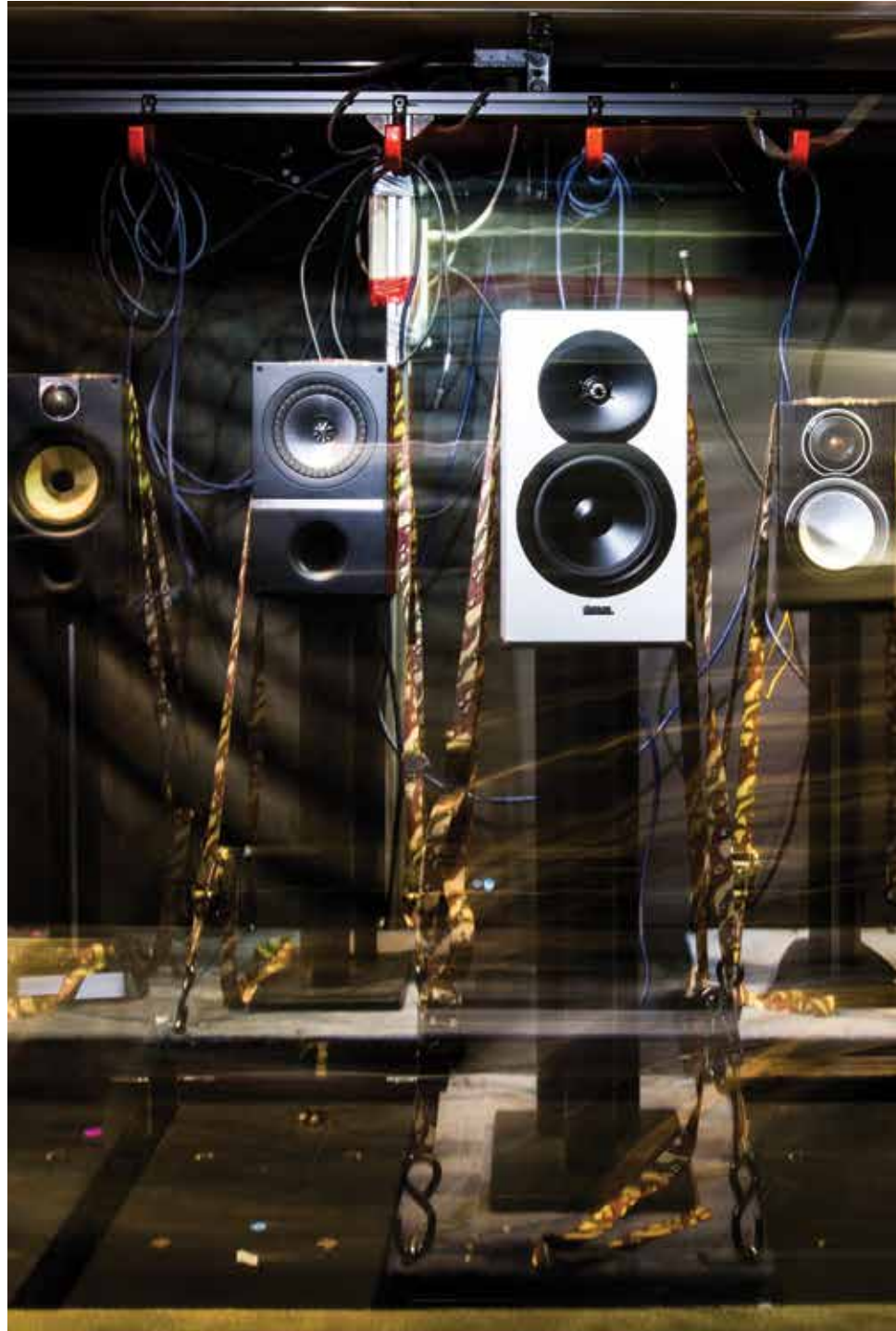
The zero-bezel grilles provide an unobtrusive look that allows the product to blend in seamlessly with its surroundings. The ultra-thin design attaches magnetically and completely covers the speaker. The lack of a traditional bezel on the speaker reduces labor when painting the grilles, as no paint mask is required.



## Cohesive Aesthetics

The industrial design that has been created for the in-wall loudspeaker line allows for a very unobtrusive, clean look when installed in home applications. With minimal visual impact, the installed speakers provide cohesiveness within the room, as well as maximum sound quality and performance. The Revel bezel-free design enables these speakers to become virtually invisible within the room.





## Position-independent double-Blind Listening tests

Every Revel loudspeaker is compared head-to-head with competitors' models in the world's only position-independent, double-blind listening facility. True research-quality processes assure the validity of the listening tests, which employ the latest psychoacoustic research. All Revel loudspeakers are proven to be superior to their market competitors before they go into production.

# In-Wall Subwoofer System



The B28W and SA1000 complete in-wall subwoofer solution is designed to complement Revel's high-performance architectural product portfolio. It delivers dynamic bass and lifelike realism to concealed music and home cinema systems.



**B28W**

The B28W features two high-performance 8" (200mm) drivers, which allow it to provide high-quality, low-frequency output. The self-contained subwoofer module with integrated back-box allows for easy retrofit installation application.



**SA1000**

The SA1000 is a custom amplifier solution, optimized for the highest level of performance and reliability. This rackmount amplifier includes user features on the front panel, and a custom installer focused feature set on the rear panel. As part of Revel's in-wall subwoofer system, this rack mountable Class D component is designed to power the B28W in-wall subwoofer. This in-wall subwoofer system is designed to be powered by the SA1000, a single channel, 1500W Peak Class D amplifier.





## ***XC***SERIES

# Extreme Climate Series

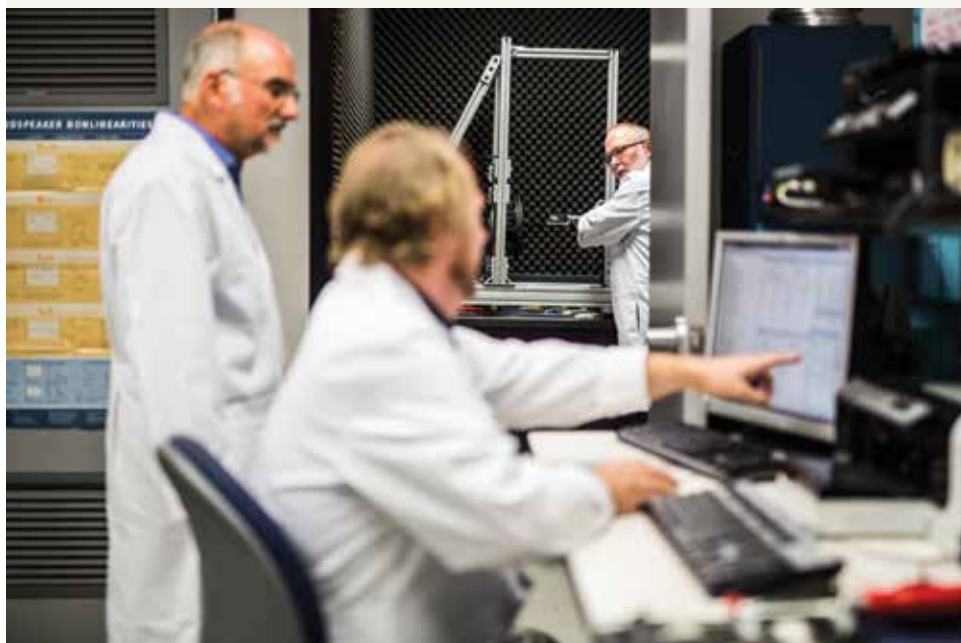
No longer must you sacrifice sound quality in the name of durability and style. The XC Series combines Revel's award-winning sound and design with durability that survives the toughest elements. Perfect for indoor and outdoor locations and anyplace that is hot, cold, damp, humid, or wet, the XC Series models fit just about anywhere.





## Maximum Weather-resistance

All XC Series models have been engineered to withstand environmental abuses while not affecting their performance. Each model meets a specific International Protection (IP) rating for exposure to dust/solids along with exposure to water. These two-digit ratings identify durability levels for increasing degrees of ingress for solids and liquids to the device. This assures that your loudspeakers will perform optimally under conditions that would make traditional outdoor speakers wither. XC models are resistant to corrosion from salt water and can be deployed in marine environments such as on docks or beachfront property.



## True Audiophile Performance

Extreme Climate loudspeakers deliver the same award-winning sound quality that Revel is renowned for around the world, courtesy of advanced transducer designs and proprietary acoustic technologies. Aluminum dome tweeters provide clear, high-resolution detail in tandem with powerful, low-distortion Aluminum cone woofers for solid, deep bass response. As with all Revel loudspeakers, each XC model is proven to perform via double-blind listening tests in our world-class engineering facility in Northridge, California.



## Functional Modern Design

XC Series loudspeakers are designed to seamlessly integrate into your outdoor environments while providing uncompromising Revel sound quality. Industry-leading InvisiBall™ and C-2 mounting technologies guarantee safe and secure positioning, while integrated multiple-tap 70/100V constant-line voltage transformers provide scalability for virtually unlimited outdoor entertainment configurations. Revel's unobtrusive Zero-bezel, magnetically attached grilles deliver on style with a look that allows the speakers to blend easily into any décor.



## Custom Tailored Integration

No matter the application, there is a perfect Revel Extreme Climate solution. Shallow-depth XC Flush-mount models include Zero-bezel magnetically attached grilles that are visually identical to those used on all Revel in-wall and in-ceiling loudspeakers providing cohesive aesthetics throughout the home. Surface-mount XC outdoor models can be placed on walls, under eaves, or on trees and outdoor structures for discrete, high-performance sound. XC Landscape models include multiple solutions for low-lying and direct-burial applications, and even incorporate low-voltage lighting for safety, security, and complete backyard entertainment system integration.



### M55XC

The Revel M55XC is a 2-way 5.25-inch/130mm Extreme Climate outdoor loudspeaker designed to deliver true high-performance Revel sound while withstanding the harsh environments of locations that are hot, cold, damp, humid or wet.



### M80XC

The Revel M80XC is a 2-way 8-inch/200mm Extreme Climate outdoor loudspeaker that has been designed to withstand environmental abuses while delivering unparalleled Revel sound quality.



### C363XC

The Revel C363XC is a 6.5" extreme climate flush-mount loudspeaker that is ideal performing under harsh conditions whether indoors or outdoors.



### C383XC

Another model in the Extreme Climate Series portfolio, the Revel C383XC is a 8" extreme climate flush-mount loudspeaker that ensures premium performance in locations where typical architectural loudspeakers would fail.





Revel's unique Landscape Audio solutions deliver unparalleled performance and durability with class-leading features to transform your space into the ultimate backyard entertainment venue. Two satellite options provide mix-and-match system configurations with a companion direct-burial subwoofer. Systems can be scaled from intimate to immense and even include low-voltage lighting for added safety and security.



L12XC

The L12XC direct-burial subwoofer. A 12-inch bandpass enclosure, the L12XC can be operated in 6-ohm or constant line-voltage systems with the separate 70V multi-tap transformer disguised as a garden rock for easy convenience during system calibration. The Earthen Brown canopy assembly sits above-ground and allows the subwoofer to seamlessly integrate into landscape environments while still delivering powerful bass response.



L41XC

The L41XC is a compact 2-way satellite using a 4-inch Micro-Ceramic Composite (MCC™) woofer and a 1-inch MCC tweeter. A 70V transformer with multiple taps and 4-ohm bypass is included for flexible system configuration and compatibility with long cable runs. The Aluminum enclosure is finished in Earthen Brown and meets IP67 ratings for dust and water exposure. A 12-inch garden spike is included along with a deck mount bracket allowing the L41XC to be ground or surface mounted.



L42XC

The L42XC is a 2-way bollard satellite with dual 4-inch MCC woofers and a 1-inch MCC tweeter in a D'Appolito MTM configuration for controlled directivity in outdoor spaces. It includes a 70V transformer with multiple taps and 4-ohm bypass and the Earthen Brown Aluminum enclosure meets IP67 durability ratings. The L42XC includes 360-degree low-voltage LED down-lighting for use in path and general landscape lighting applications. The dimmable lighting operates independently of the audio and can be integrated into standard low-voltage lighting systems. The bollard shape allows the L42XC to be installed in the ground up to the depth of the grille as well as mounted to decks and hard surfaces with the optional deck mount bracket.





**THE LINCOLN  
MOTOR COMPANY**

#### Revel in Lincoln

Perfection, no matter how long it takes. That's the Revel way. And that's why it has taken 19 years to bring our unrivaled home audio to an automotive brand with the same uncompromising standards. Revel and Lincoln introduce a unique collaboration that elegantly fuses the art of luxury with the science of sound.

The Lincoln Motor Company will be the exclusive automaker to offer Revel and Revel Ultima® audio systems in its lineup of luxury vehicles, debuting on the all-new Lincoln MKX.





Revel's deep scientific foundation, home theater speaker design heritage and trademark sonic signature — pure, musical and faithful to the original performance — is all integrated into every Lincoln MKX without a single compromise. Point Source Architecture maintains the close positioning between tweeters and midranges so that every detail of a song reaches a passenger's ears at the exact same time and magnitude.

**POINT SOURCE ARCHITECTURE** maintains the close positioning between tweeters and midranges so that every detail of a song reaches a passenger's ears at the exact same time and magnitude.

**REVEL WAVEGUIDES** built into every door optimize high-frequency dispersion, allowing a seamless blend between the tweeter and midrange speakers.

**FIELD BALANCING SHORTING RINGS** provide increased clarity so you can hear every subtle detail in a song, and reduce distortion to levels well below audibility to the human ear.

The result: sound so perfect, so distinctly Revel, you'll know why it took 19 years. And you can only hear it in Lincoln.





Specifications

ULTIMA<sup>2</sup>



	SALON2	STUDIO2	GEM2	VOICE2
Description	4-way floorstanding loudspeaker  Triple 8" woofers, 6-1/2" mid-woofer, 4" midrange and 1" tweeter	3-way floorstanding loudspeaker  Dual 8" woofers, 5-1/4" midrange, 1" tweeter	3-way on-wall or stand-mounted loudspeaker  8" woofer, 4" midrange, 1" tweeter	3-way center channel loudspeaker  Dual 8" woofers, 5-1/4" midrange, 1" tweeter
Sensitivity	86dB SPL with 2.83V @ 1m (2pi anechoic)	87dB SPL with 2.83V @ 1m (2pi anechoic)	86.5dB SPL with 2.83V @ 1m (4pi anechoic)	89dB SPL with 2.83V @ 1m (4pi anechoic)
Impedance	6 ohms (nominal) 3.7 ohms (minimum @ 90Hz)	6 ohms (nominal) 3.7 ohms (minimum @ 90Hz)	6 ohms (nominal) 3.4 ohms (minimum @ 90Hz)	6 ohms (nominal) 3.6 ohms (minimum @ 90Hz)
Filter Network	4-way, high-order acoustic response @ 150Hz, 575Hz and 2.3kHz	3-way, high-order acoustic response @ 230Hz and 2kHz	3-way, high-order acoustic response @ 400Hz and 2.3kHz	3-way, high-order acoustic response @ 235Hz and 2kHz
Frequency Range	-3dB from 23Hz to 45kHz	-3dB from 32Hz to 45kHz	-3dB from 70Hz to 45kHz	-3dB from 60Hz to 45kHz
Low-Frequency Extension	-10dB at 17Hz -6dB at 20Hz -3dB at 23Hz	-10dB at 21Hz -6dB at 25Hz -3dB at 32Hz	-10dB at 48Hz -6dB at 60Hz -3dB at 70Hz	-10dB at 36Hz -6dB at 49Hz -3dB at 60Hz
Recommended Amplifier Power Range	50W – 500W	50W – 500W	50W – 400W	50W – 500W
Dimensions (H x W x D)	54.5" x 11" x 19.8" (1384mm x 279mm x 504mm)	47.5" x 10.8" x 17.7" (1207mm x 273mm x 451mm)	24.2" x 12" x 6.1" (615mm x 305mm x 155mm) Height on bookshelf stand: 28.87" (657.1mm) Height on floor stand: 46" (1170mm)	On cradle: 14.2" x 25.5" x 15.6" (361mm x 647mm x 396mm) On stand: 24.2" x 28.0" x 16.8" (614mm x 711mm x 427mm)
Weight	178 lbs (80.7kgs)	140 lbs (63.5kgs)	38 lbs (17.2kgs)	74.5 lbs (33.8kgs)





Specifications








	M126Be	F228Be
Description	2-way 6.5" Bookshelf Loudspeaker	3-way Dual 8" Floorstanding Loudspeaker
Drive Component	6.5" (165mm) Deep Ceramic Composite (DCC) aluminum cone with cast frame	Two 8" (200mm) DCC aluminum cones with cast frames
	N/A	5.25" (130mm) DCC aluminum cone with cast frame
	1" (25mm) Beryllium dome with acoustic lens waveguide	1" Beryllium dome with acoustic lens waveguide
Recommended Amplifier Power	50 – 150 Watts	50 – 350 Watts
Nominal Impedance	8 ohms	8 ohms
Loudspeaker Sensitivity (2.83 V/1m)	86 dB	90 dB
Frequency Response	27Hz – 44kHz (-6dB)	27Hz – 44kHz (-6dB)
Crossover Frequency	1.7kHz	260Hz; 2.1kHz
Dimensions (H x W x D)	15.2 x 8.3 x 10.3" (386 x 211 x 262mm)	46.5 x 11.8 x 13.2" (1181 x 302 x 335mm)
Weight	22 lbs (9.97kg)	82 lbs (37.2kg)
Finishes	Piano black, HG walnut, piano white, silver	Piano black, HG walnut, piano white, silver






Specifications

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	F208	F206	M106	M105
Description	3-way, dual 8" floorstanding loudspeaker	3-way, dual 6-1/2" floorstanding loudspeaker	2-way, 6-1/2" bookshelf loudspeaker	2-way, 5-1/4" bookshelf loudspeaker
Drive Component	1" aluminum dome tweeter with acoustic-lens waveguide  5-1/4" aluminum cone, cast frame  Dual 8" aluminum cones, cast frame	1" aluminum dome tweeter with acoustic-lens waveguide  5-1/4" aluminum cone, cast frame  Dual 6-1/2" aluminum cones, cast frame	1" aluminum dome tweeter with acoustic-lens waveguide  N/A  6-1/2" aluminum cone, cast frame	1" aluminum dome tweeter with acoustic-lens waveguide  N/A  5-1/4" aluminum cone, cast frame
Filter Network	3-way, high-order @270 Hz, 2.2kHz	3-way, high-order @275 Hz, 2.15kHz	2-way, high-order @ 2.3kHz	2-way, high-order @2.3kHz
Low-Frequency Extension	−10dB @ 23Hz −6dB @ 27Hz −3dB @ 34Hz	−10dB @ 30Hz −6dB @ 36Hz −3dB @ 42Hz	−10dB @ 39Hz −6dB @ 54Hz −3dB @ 59Hz	−10dB @ 44Hz −6dB @ 56Hz −3dB @ 60Hz
Sensitivity (2.83V@1m, 4pi anechoic)	88.5dB	88dB	87dB	86dB
Recommended Amplifier Power Rating	50W – 350W	50W – 200W	50W – 150W	50W – 120W
Dimensions (H x W x D)	46.5" x 11.8" x 14.8" (1,182mm x 300mm x 375mm)	41.4" x 9.8" x 13.7" (1,051mm x 248.5mm x 347mm)	15" x 8.3" x 11" (381mm x 210mm x 278mm)	14" x 7.9" x 9.8" (356mm x 200mm x 248mm)
Weight	80 lbs (36kgs)	58 lbs (26kgs)	19 lbs (8kgs)	16 lbs (7kgs)
Finshes	Piano black, HG walnut	Piano black, piano white, HG walnut	Piano black, HG walnut	Piano black, Piano white, HG walnut



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	M Stand	C208	C205	C Stand
Description	Optional stand for M105/M106	3-way, dual 8" center-channel loudspeaker	2-way, dual 5-1/4" center-channel loudspeaker	Optional stand for C205/C208
Drive Component	-	1" aluminum dome tweeter with acoustic-lens waveguide 4" aluminum cone, cast frame Dual 8" aluminum cones, cast frame	1" aluminum dome tweeter with acoustic-lens waveguide  Dual 5-1/4" aluminum cones, cast frame	-
Filter Network	-	3-way, high-order @375Hz, 2.45kHz	2-way, high-order @1.7kHz	-
Low-Frequency Extension	-	-10dB @ 34Hz -6dB @ 41Hz -3dB @ 50Hz	-10dB @ 46Hz -6dB @ 62Hz -3dB @ 80Hz	-
Sensitivity (2.83V @1m, 4pi anechoic)	-	89dB	89dB	-
Recommended Amplifier Power Rating	-	50W – 350W	50W – 120W	-
Dimensions (H x W x D)	25" x 9.4" x 11.5" (635mm x 238mm x 291mm)	11.8" x 28.9" x 13.8" (300mm x 735mm x 350mm)	7.9" x 21" x 11.5" (200mm x 532mm x 292mm)	10.8" x 21.4" x 11.9" (275mm x 544mm x 301mm)
Weight	8 lbs (4kgs)	52 lbs (23kgs)	26 lbs (12kgs)	15 lbs (7kgs)
Finshes	Black, White	Piano black, HG walnut	Piano black, Piano white, HG walnut	Black, White

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	S206	B112	B110
Description	2-way, dual 6-1/2" bipole surround loudspeaker	12" 1,000W powered Subwoofer w/DSP EQ	10" 1,000W powered Subwoofer w/DSP EQ
Drive Component	Dual 1" aluminum dome tweeters with acoustic-lens waveguides  Dual 6.5" aluminum cones, cast frame	-  12" cone with 50mm 2-layer voice coil, triple-stacked magnet assembly, vented cast frame	-  10" cone with 50mm 2-layer voice coil, triple-stacked magnet assembly, vented cast frame
Filter Network	High-order @1.4kHz	User adjustable 50-200Hz	User adjustable 50-200Hz
Low-Frequency Extension	-10dB @ 52Hz -6dB @ 58Hz -3dB @ 65Hz	-	-
Sensitivity (2.83V @1m, 4pi anechoic)	89dB	-	-
Recommended Amplifier Power Rating	50W – 150W	-	-
Dimensions (H x W x D)	13.5" x 15.8" x 8.5" (343mm x 400mm x 216mm)	17.8" x 15.7" x 16.5" (461.5mm x 403.5mm x 418.5mm)	16.2" x 14.2" x 13.4" (411mm x 362mm x 342.4mm)
Weight	16 lbs (7kgs)	70 lbs (32kgs)	56 lbs (25kgs)
Finshes	Matte black	Piano black, HG walnut	Piano black, Piano white, HG walnut



CONCERTA<sup>2</sup>



	F36	F35	M16	M16 Stand	S16	C25	C25 Stand
Description	2.5-way Triple 6-1/2" Floorstanding Loudspeaker	2.5-way Triple 5-1/4" Floorstanding Loudspeaker	2-way 6-1/2" Bookshelf Loudspeaker	Optional floor pedestal for M16	2-way 6-1/2" On-Wall Loudspeaker	2-way Dual 5-1/4" Center Channel Loudspeaker	Optional floor pedestal for C25
High-Frequency Drive Component	1" Aluminum Tweeter with Acoustic Lens and Waveguide	1" Aluminum Tweeter with Acoustic Lens and Waveguide	1" Aluminum Tweeter with Acoustic Lens and Waveguide	-	1" Aluminum Tweeter with Acoustic Lens and Waveguide	1" Aluminum Tweeter with Acoustic Lens and Waveguide	-
Low Frequency/Mid-Frequency Drive Component	3 x 6-1/2" Aluminum Cone Woofers	3 x 5-1/4" Aluminum Cone Woofers	6-1/2" Aluminum Cone Woofer	-	6-1/2" Aluminum Cone Woofer	Dual 5-1/4" Aluminum Cone Woofers	-
Low-Frequency Extension	-10 dB @ 33Hz -6 dB @ 45Hz -3 dB @ 51Hz	-10 dB @ 35Hz -6 dB @ 46Hz -3 dB @ 55Hz	-10 dB @ 45Hz -6 dB @ 50Hz -3 dB @ 55Hz	-	-10 dB @ 43Hz -6 dB @ 58Hz -3 dB @ 70Hz	-10 dB @ 48Hz -6 dB @ 68Hz -3 dB @ 80Hz	-
Recommended Amplifier Power Rating	30-200W	30-180W	50-120W	-	30-120W	40-120W	-
Dimensions (H x W x D)	44.25" x 9.65" x 12" (1120mm x 250mm x 310mm)	40.25" x 8.42" x 12.2" (1020mm x 210mm x 310mm)	14.75" x 8.6" x 10.76" (370mm x 220mm x 270mm)	25.5" x 9.37" x 11.4" (650mm x 240mm x 290mm)	14.75" x 13.3" x 5.5" (370mm x 340mm x 140mm)	7.25" x 19.45" x 10.1" (180mm x 490mm x 270mm)	12.0" x 19.0" x 11.4" (300mm x 480mm x 290mm)
Weight	50 lbs (23kgs)	41 lbs (19kgs)	16 lbs (7kgs)	37 lbs (17kgs)	14 lbs (6kgs)	20 lbs (9kgs)	21 lbs (10kgs)
Finishes	Piano Black, Piano White	Piano Black, Piano White	Piano Black, Piano White	Black Finish	Piano Black, Piano White	Piano Black, Piano White	Black Finish



CONCERTA2™



B10	
Description	800 Watt 10" Powered Subwoofer
High-Frequency Drive Component	N/A
Low Frequency/ Mid-Frequency Drive Component	10" Coated Fiber-Composite Cone, Cast-Frame Woofer
Low-Frequency Extension	-10 dB @ 29Hz - 6 dB @ 32Hz -3 dB @ 35Hz
Recommended Amplifier Power Rating	800W Class D Amplifier
Dimensions (H x W x D)	16.45" x 14.85" x 15.45" (1020mm x 210mm x 310mm)
Weight	53 lbs (24kgs)
Finishes	Piano Black, Piano White



CONCERTA™



	M8	M10	C10	LCR8	B1
Description	2-way On-wall loudspeaker	2-1/2-way Center-channel on-wall loudspeaker	2-1/2-way on-wall loudspeaker	3-channel, LCR on-wall loudspeaker	12" Powered subwoofer
Driver Component	Dual 3" woofers, 1" tweeter	Dual 3" woofers, dual 3" midrange drivers, 1" tweeter	Dual 3" woofers, dual 3" midrange drivers, 1" tweeter	Six 3" woofers, three 1" tweeters	12" Micro Ceramic Composite (MCC)
Crossover	2-way at 2.2kHz	2-1/2-way at 400Hz and 2.2kHz	2-1/2-way at 400Hz and 2.2kHz	2-way at 2.2kHz	Low pass 50Hz – 150Hz, 24dB octave, continuously variable
Low-Frequency Extension	–3dB @ 110Hz –6dB @ 100Hz –10dB @ 90Hz	–3dB @ 110Hz –6dB @ 100Hz –10dB @ 80Hz	–3dB @ 110Hz –6dB @ 100Hz –10dB @ 80Hz	–3dB @ 110Hz –6dB @ 100Hz –10dB @ 90Hz	–3dB @ 36Hz –6dB @ 32Hz –10dB @ 29Hz
Sensitivity (2.83V @ 1m, 2π)	88dB	89dB	89dB	88dB	N/A
Recommended Amplifier Power Rating	10W – 125W	10W – 150W	10W – 150W	10W – 125W (per channel)	120VAC @ 60Hz, 3.66A 230VAC @ 50-60Hz, 2.0A – 230VAC @ 50-60Hz
Impedance	8 Ohms	8 Ohms	8 Ohms	8 Ohms	N/A
Dimensions (H x W x D)	11-5/8" x 4-1/4" x 4-1/2" (296mm x 107mm x 113mm)	22-15/16" x 4-1/4" x 4-1/2" (582mm x 107mm x 113mm)	22-15/16" x 4-1/4" x 4-1/2" (582mm x 107mm x 113mm)	4-1/4" x 39-15/16" x 4-1/2" (107mm x 1015mm x 113mm)	17-3/4" x 15-3/4" x 13-1/4" (with grille) 12" (without grille) (450mm x 400mm x 336.5mm (with grille) 304.8mm (without grille)
Weight	3.45 lbs (1.6kg)	6.75 lbs (3.1kgs)	6.75 lbs (3.1kgs)	11.4 lbs (5.2kgs)	51 lbs (23.2kgs)
Available Finishes	Black and White	Black	Black	Black	Black

CONCERTa™



REVEL M8 SATELLITE LOUDSPEAKERS	
Frequency Response (+/-3dB)	110Hz – 21kHz
Recommended Amplifier Power Range	10 – 125 Watts
Sensitivity (2.83V @ 1m)	88dB
Nominal Impedance	8 Ohms
Crossover Frequency	2.2kHz
Low-frequency Drivers	Dual 3" (76mm) woofers with MCC cones
Low-frequency Extension	-3dB @ 110Hz; -6dB @ 100Hz; -10dB @ 90Hz
High-frequency Driver	1" (25mm) tweeter with waveguide and MCC dome
External Dimensions (H x W x D)	11 5/8" x 4 1/4" x 4 1/2" (296mm x 107mm x 113mm)
Net Weight per Speaker	3.45 lbs (1.6kg)



REVEL B8 WIRELESS SUBWOOFER	
Low-frequency Transducer	8" (200mm) down-firing cone
Amplifier Power	200 Watts (continuous), 400 Watts (peak)
Frequency Response	45Hz – 200Hz
Controls	Volume, Phase, Base Boost
Connections	LFE (RCA-type); left and right line-level (RCA-type)
Enclosure Type	Sealed
External Trigger Input Voltage	3-30 Volts, AC or DC
Subwoofer Power Requirement	120V, 60Hz (USA), 220V – 240V, 50/60Hz (EU)
Subwoofer Power Consumption	< 0.5V
Subwoofer Dimensions (H x W x D)	13 29/32" x 10 1/2" x 10 1/2" (353mm x 267mm x 267mm)
Subwoofer Weight	19.8 lbs (9kg)
Transmitter Power Requirement	100 – 240V AC, 50/60Hz
Transmitter Power Consumption	< 0.5W
Transmitter Unit Dimensions (H x W x D)	1 3/8" x 5" x 3 1/2" (35mm x 127mm x 89mm)
Transmitter Unit Weight	0.26 lbs (117g)
Frequency Range	2403 – 2472MHz
Max Transmitting Power	10dBm







6-1/2" In-ceiling Loudspeakers	C263	C363	C563	C763
Description	6-1/2" In-ceiling loudspeaker	6-1/2" In-ceiling loudspeaker	6-1/2" In-ceiling loudspeaker	6-1/2" In-ceiling loudspeaker
Depth	4.8" (120mm)	4.8" (120mm)	4.9" (125mm)	4.9" (125mm)
Weight	3.1 lbs (1.4kg)	1.6 lbs (0.8kg)	2 lbs (0.9kg)	2.4 lbs (1.1kg)
Sensitivity	86dB @ 2.83V, 1m	87dB @ 2.83V, 1m	88dB @ 2.83V, 1m	88dB @ 2.83V, 1m
Recommended Amplifier Power Range	10W – 100W	10W – 120W	10W – 130W	10W – 140W
Low-Frequency Drive Components	6-1/2" Aluminum cone, cast-polymer frame woofer	6-1/2" Micro-Ceramic Composite (MCC) cone, cast-polymer frame woofer	6-1/2" Micro-Ceramic Composite (MCC) cone, cast-aluminum frame woofer	6-1/2" Micro-Ceramic Composite (MCC) cone, Cast-aluminum frame, high-output woofer
High-Frequency Drive Components	1" Aluminum-dome tweeter with waveguide	1" Aluminum-dome tweeter with waveguide	1" Aluminum-dome swiveling tweeter with waveguide	1" Aluminum-dome low-distortion, high-output tweeter with waveguide



8" In-ceiling Loudspeakers	C283	C383	C583	C783
Description	8" In-Ceiling Loudspeaker	8" In-Ceiling Loudspeaker	8" In-ceiling loudspeaker	8" In-ceiling loudspeaker
Depth	5" (130mm)	5.2" (132mm)	5.2" (132mm)	5.2" (132mm)
Weight	3.9 lbs (1.8kg)	2.1 lbs (1kg)	2.8 lbs (1.3kg)	3.1 lbs (1.4kg)
Sensitivity	87dB @ 2.83V, 1m	87dB @ 2.83V, 1m	88dB @ 2.83V, 1m	88dB @ 2.83V, 1m
Recommended Amplifier Power Range	10W – 100W	10W – 125W	10W – 135W	10W – 150W
Low-Frequency Drive Components	8" Aluminum cone, cast-polymer frame woofer	8" Micro-Ceramic Composite (MCC) cone, cast-polymer frame woofer	8" Micro-Ceramic Composite (MCC) cone, cast-aluminum frame woofer	8" Micro-Ceramic Composite (MCC) Cone, cast-aluminum frame, high-output woofer
High-Frequency Drive Components	1" Aluminum-dome tweeter with waveguide	1" Aluminum-dome swiveling tweeter with waveguide	1" Aluminum-dome swiveling tweeter with waveguide	1" Aluminum-dome low-distortion, high-output tweeter with waveguide



Speciality In-ceiling Loudspeakers	C363DT	C563DT	C763L	C540
Description	6-1/2" In-Ceiling Loudspeaker	6-1/2" In-Ceiling Loudspeaker	Specialty In-ceiling loudspeaker	Specialty In-ceiling loudspeaker
Depth	4.8" (122mm)	4.9" (125mm)	5.7" (145mm)	3.3" (84mm)
Weight	1.9 lbs (0.9kg)	2.2 lbs (1kg)	4 lbs (1.8kg)	1.5 lbs (0.7kg)
Sensitivity	88dB @ 2.83V, 1m	88dB @ 2.83V, 1m	86dB @ 2.83V, 1m	85dB @ 2.38V, 1m
Recommended Amplifier Power Range	10W – 120W (per channel)	10W – 130W (per channel)	10W – 200W	10W – 80W
Low-Frequency Drive Components	6-1/2" Micro-Ceramic Composite (MCC) cone, cast-polymer frame woofer	6-1/2" Micro-Ceramic Composite (MCC) cone, cast-aluminum frame woofer	7.8" x 3.4" Micro-Ceramic Composite (MCC) diaphragm flat-panel woofer	4" Micro-Ceramic Composite (MCC) cone, cast-aluminum frame woofer
High-Frequency Drive Components	Two 1" Aluminum-dome tweeters with waveguides	Two 1" Aluminum-dome tweeters with waveguides	1" Aluminum high-output tweeter with waveguide	1" Aluminum-dome swiveling tweeter with waveguide



6.5" In-wall Loudspeakers	W263	W363	W563	W763
Description	6-1/2" In-wall loudspeaker	6-1/2" In-wall loudspeaker	6-1/2" In-wall loudspeaker	6-1/2" In-wall loudspeaker
Depth	3.5" (89mm)	3.5" (89mm)	3.7" (94mm)	3.7" (94mm)
Weight	3.4 lbs (1.5kg)	3.8 lbs (1.7kg)	4.4 lbs (2kgs)	5.4 lbs (2.5kgs)
Sensitivity	88dB @ 2.83V, 1m	88dB @ 2.83V, 1m	88dB @ 2.83V, 1m	88dB @ 2.83V, 1m
Recommended Amplifier Power Range	10W – 100W	10W – 120W	10W – 130W	10W – 140W
Low-Frequency Drive Components	6-1/2" Aluminum cone, cast Polymer frame woofer	6-1/2" Micro-Ceramic Composite (MCC) cone, cast-polymer frame woofer	6-1/2" Micro-Ceramic Composite (MCC) cone, cast-aluminum frame woofer	6-1/2" Micro-Ceramic Composite (MCC) cone, cast-aluminum frame, high-output woofer
High-Frequency Drive Components	1" Aluminum-dome swiveling tweeter with waveguide	1" Aluminum-dome swiveling tweeter with waveguide	1" Aluminum-dome swiveling tweeter with waveguide	1" Aluminum-dome low-distortion, high-output tweeter with waveguide



ARCHITECTURAL



8" In-wall Loudspeakers	W283	W383	W583	W783
Description	8" In-wall loudspeaker	8" In-wall loudspeaker	8" In-wall loudspeaker	8" In-wall loudspeaker
Depth	3.7" (94mm)	3.7" (94mm)	3.8" (96mm)	3.7" (95mm)
Weight	4.4 lbs (2kgs)	4.9 lbs (2.2kgs)	6.4 lbs (2.9kgs)	7.1 lbs (3.2kgs)
Sensitivity	88dB @ 2.83V, 1m	89dB @ 2.83V, 1m	89dB @ 2.83V, 1m	89dB @ 2.83V, 1m
Recommended Amplifier Power Range	10W – 100W	10W – 125W	10W – 135W	10W – 150W
Low-Frequency Drive Components	8" Aluminum cone, cast-polymer frame woofer	8" Micro-Ceramic Composite (MCC) cone, cast-polymer frame woofer	8" Micro-Ceramic Composite (MCC) cone, cast-aluminum frame, high-output woofer	8" Micro-Ceramic Composite (MCC) cone, cast-aluminum frame, high-output woofer
High-Frequency Drive Components	1" Aluminum-dome swiveling tweeter with waveguide	1" Aluminum-dome tweeter with waveguide	1" Aluminum-dome tweeter with waveguide	1" Aluminum-dome low-distortion, high-output tweeter with waveguide

ARCHITECTURAL



7" and Specialty In-wall Loudspeakers	W873	W970	W253L	W553L
Description	7" In-wall loudspeaker	7" In-wall loudspeaker	LCR In-wall loudspeaker suitable for vertical or horizontal orientation	Specialty In-wall loudspeaker
Depth	3.7" (95mm)	3.7" (95mm)	3.5" (88mm)	2.9" (163mm)
Weight	7.5 lbs (4.1kgs)	12.6 lbs (5.7kgs)	5.6 lbs (2.5kgs)	6.6 lbs (3.0kgs)
Sensitivity	86dB @ 2.83V, 1m	88dB @ 2.83V, 1m	91dB @ 2.83V, 1m	90.5dB @ 2.83V, 1m
Recommended Amplifier Power Range	10W – 150W	10W – 150W	10W – 130W	10W – 150W
Low-Frequency Drive Components	7" Micro-Ceramic Composite (MCC) cone, cast-aluminum frame, high-output woofer	7" Micro-Ceramic Composite (MCC) cone, cast-aluminum frame, woofer	8" Aluminum Cone, cast-polymer frame woofer	2 x 5-1/4" Micro-Ceramic Composite (MCC) cone, cast-aluminum frame woofers
High-Frequency Drive Components	1" Aluminum-dome low-distortion, high-output tweeter with waveguide	1" Aluminum-dome low-distortion, high-output tweeter with waveguide	1" Aluminum-dome swiveling tweeter with waveguide	–

ARCHITECTURAL



9" In-wall Loudspeakers	W893	W990
Description	9" In-wall loudspeaker	9" In-wall loudspeaker
Depth	3.7" (95mm)	3.7" (95mm)
Weight	10.8 lbs (4.9kgs)	17 lbs (7.7kgs)
Sensitivity	89dB @ 2.83V, 1m	89dB @ 2.83V, 1m
Recommended Amplifier Power Range	10W – 200W	10W – 200W
Low-Frequency Drive Components	9" Micro-Ceramic Composite (MCC) cone, cast-aluminum frame, high-output woofer	9" Micro-Ceramic Composite (MCC) cone, cast-aluminum frame, high-output woofer
High-Frequency Drive Components	1" Aluminum-dome low-distortion, high-output tweeter with waveguide	1" Aluminum-dome low-distortion, high-output tweeter with waveguide

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In-Wall Subwoofer System	B28W	SA1000
Description	In-wall subwoofer	Amplifier
Dimensions (H x W x D)	25-3/8" x 16-1/2" x 4" (645mm x 419mm x 102mm)	3-1/2" x 12" x 11.04" (88.9mm x 431.8mm x 280.3mm)
Weight	28.4 lbs (12.9kgs)	14 lbs (6.35kgs)
Sensitivity	Variable using the SA1000	–
Frequency Response (-6dB)	36Hz – 150Hz, using the SA1000	–
Driver Complement	Dual 8" Polymer-coated Aluminum Cone Rubber-Surround woofers	–
Rated Output Power (RMS) into the minimum impedance of 4 ohms	–	700 Watts (350W per subwoofer)
Rated Impedance	–	8 Ohms per speaker output
Minimum load impedance	–	4 Ohms
Low Pass Crossover Range	–	50–150Hz





**XC SERIES**

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XC SERIES



Extreme Climate Loudspeakers	M55XC	M80XC
Description	2-way 5-1/4" Extreme Climate Outdoor Loudspeaker	2-way 8" Extreme Climate Outdoor Loudspeaker
Dimensions (H x W x D)	9.3" x 7.4" x 5.8" (236mm x 188mm x 149mm) 8.0" (200mm) deep when mounted on InvisiBall wall mount	15" x 11" x 8.6" (380mm x 280mm x 220mm) 8.0" (200mm) deep when mounted on InvisiBall wall mount
Weight	8.2 lbs (3.7kgs)	14 lbs (6.4kgs)
Sensitivity	88dB @ 2.83V/1m	89dB @ 2.83V/1m
Recommended Amplifier Power Range	10–60W	20–80W
Low-Frequency Drive Components	5-1/4"/130mm Carbon-infused Polypropylene cone woofer	8"/200mm Aluminum cone woofer
High-Frequency Drive Components	1"/25mm Aluminum dome tweeter with Acoustic Lens waveguide	1"/25mm Aluminum dome tweeter with Acoustic Lens waveguide

XC SERIES



Extreme Climate Loudspeakers	L41XC	L42XC	L12XC
Description	2-way landscape satellite speaker	2-way landscape bollard speaker	Landscape burial subwoofer
Dimensions (H x W x D)	Length 9.2" (233mm) x Width 6.5" (164mm) x Height 11.3" (285mm)	Length 8.58" (218mm) x Width 8.58" (218mm) x Height 33.7" (855mm)	Length 35" (887mm) x Width 18" (455mm) x Height 34.6" (878mm)
Weight	Speaker and clamp assembly – 9.9 lbs (4.5kgs)	Speaker – 20.7 lbs (9.4kgs); MXC Mounting Bracket (Sold Separately) 2.2lbs (1kg)	Speaker and port assembly – 66.4 lbs (30.1kgs)
Sensitivity	83dB (2.83V @ 1M) in Bypass mode	86dB (2.83V @ 1M) in Bypass mode	86dB (2.83V @ 1M) without transformer
Recommended Amplifier Power	60W RMS	60W RMS	250W RMS
Low-Frequency Driver Size and Material	4" Micro Ceramic Composite (MCC) Aluminum Cone Woofer	Two, 4" Micro Ceramic Composite (MCC) Aluminum Cone Woofers	12" Anodized Aluminum Cone Subwoofer
High-Frequency Driver Size and Material	0.75" Micro Ceramic Composite (MCC) Aluminum Dome Tweeter	1" Micro Ceramic Composite (MCC) Aluminum Dome Tweeter	N/A





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