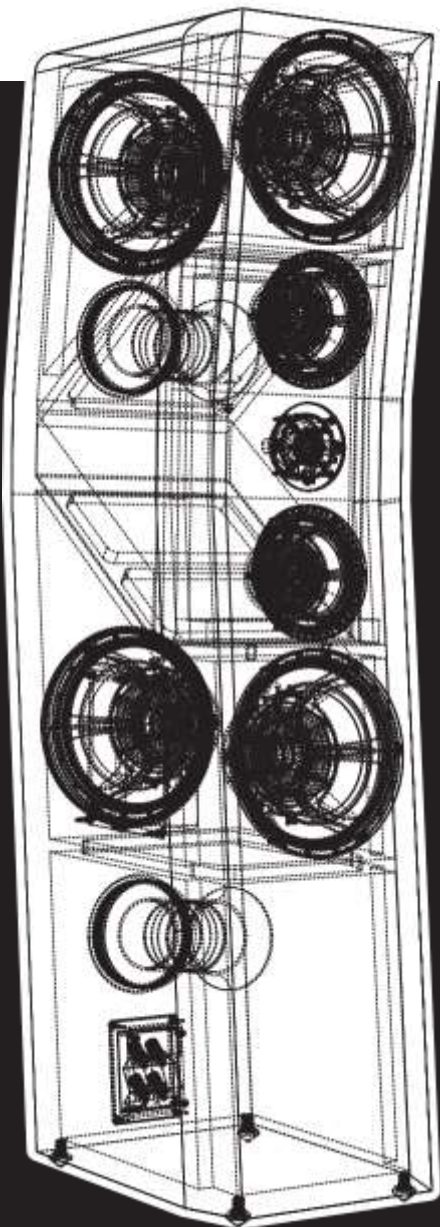




# Ultra Evolution

Reference speakers



[Highlight]



[Titan]



[Tower]



[Bookshelf]



[Nano]



[Middle]



[Height]

*Manual*





# SPEAKER SERIES

*Thank you for choosing SVS. We believe that an unwavering passion for sonic excellence combined with design innovation are the keys to creating world-class audio products. We think you would agree.*

*Breakthroughs in driver technology, tweeter design, materials science, and cabinet geometry are all prominent in the new SVS Ultra Evolution speakers. The science of great sound combined with our love of immersive audio experiences are at the heart of every model.*

*We want nothing more than to raise the bar for performance at any price and exceed your expectations in every way possible.*

*If you have any questions about installation, wiring, optimizing sound quality, or anything else, please contact SVS customer service.*

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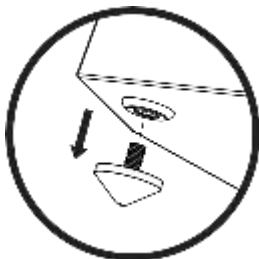
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# Setting Up Your Ultra Evolution Speakers

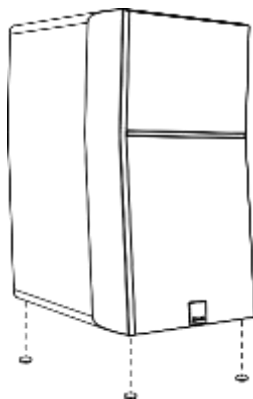
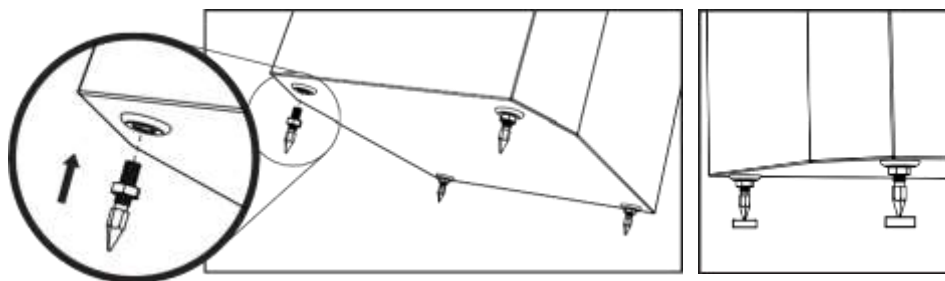
## Foot options

Each of the Ultra Evolution tower speakers comes with two sets of footrest options that allow for optimal placement on different floor surfaces. The elastomer insulation feet are pre-installed on the Ultra Evolution tower speakers and can be removed (unscrewed to remove) and replaced with the included threaded metal spike kit. Both sets of legs are threaded to make it easy to level the Ultra Evolution towers if they were to be placed on uneven ground.

### *Elastomer Insulation Feet*



### *Threaded metal spikes*



The Ultra Evolution Bookshelf, Nano, and Center also include adhesive bumper kits that can be attached to the bottom of your speakers to protect them when placed on speaker stands and other surfaces.

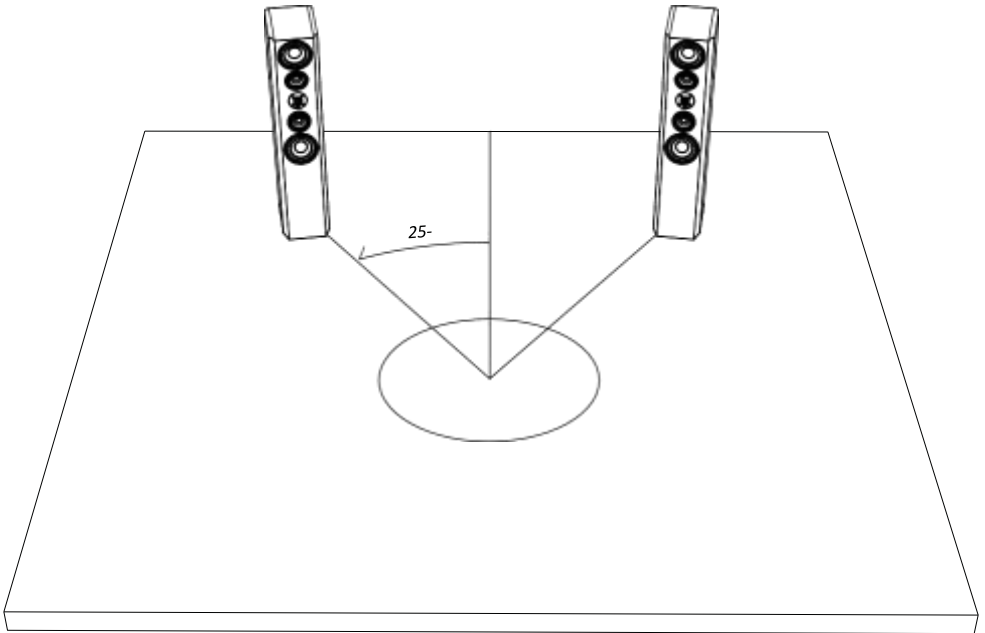
# Setting Up Your Ultra Evolution Speakers

## Acoustics and placement in the room:

Proper placement of the front left and right speakers is essential to achieve the smoothest frequency response, optimal stereo imaging, and the most spacious, three-dimensional soundstage .

Stereo information and soundstage are affected by the location of the speaker and the listening position, relative to each other and the boundaries of the room. Moving the speakers away from walls improves stereo imaging and spaciousness by dampening and slowing down boundary reflections, optimizing direct sound and preserving spatial information in the recording.

The amount of exposed glass, drywall, and bare floors in the room increases the amount of reflected sound and can affect the sound quality of any speaker system. Furniture such as carpeting, curtains, and upholstered furniture reduce the amount of reflected sound in the room.



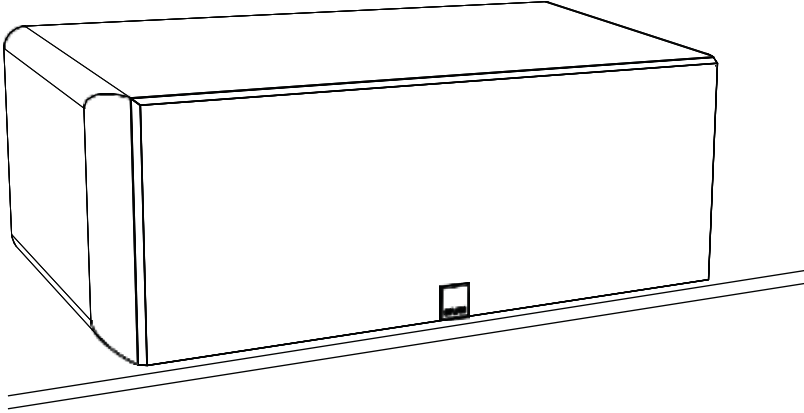
SVS recommends starting with the front speakers that are located 30 degrees to the left and right ( i.e., a total window of 60 degrees) from the listening position. The speakers can be tilted slightly in the direction of the listening position. This is called a "toe-in" and will focus the acoustic image

# Setting Up Your Ultra Evolution Speakers

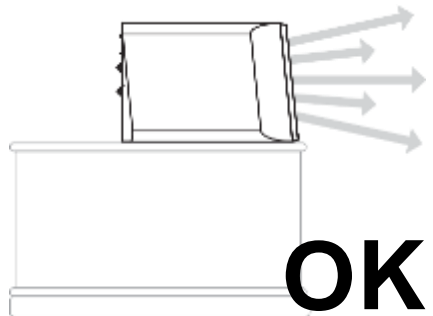
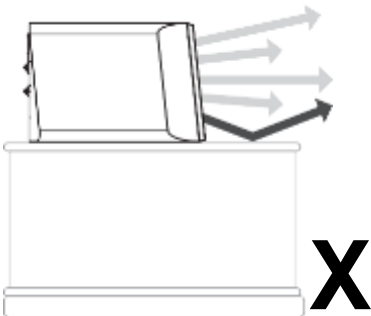
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## Center Channel Placement:

The center speaker should be placed directly below your TV or screen and pointed at the primary listening position .



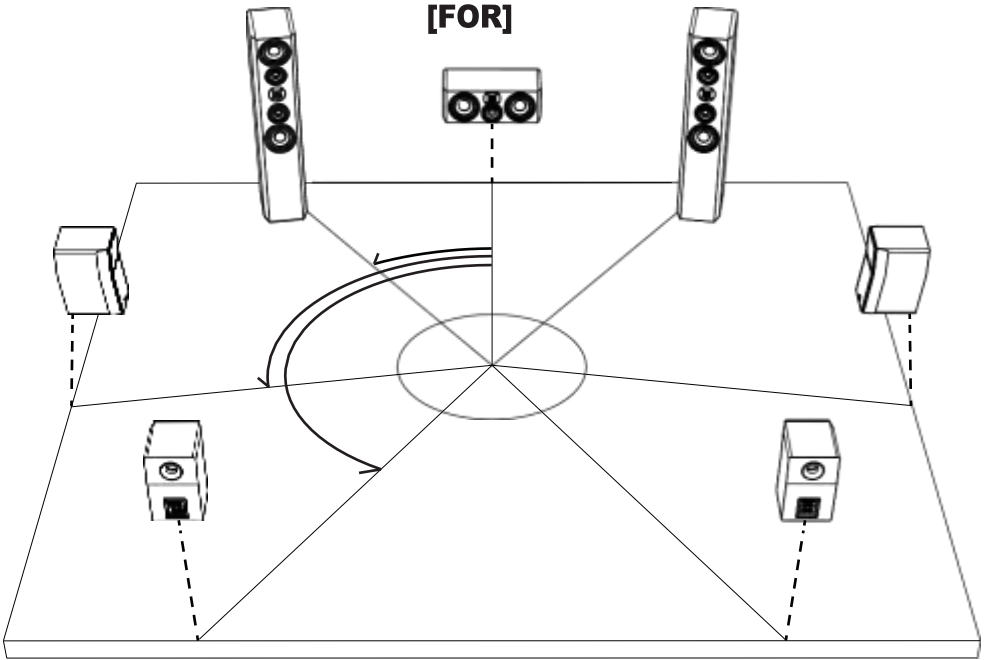
**TIP** – Pull the center speaker forward so that the bottom edge of the front bulkhead aligns with the edge of the surface it sits on to reduce unwanted acoustic reflections.



# Setting Up Your Ultra Evolution Speakers

## Surround Speakers :

The image below shows recommended positions for the Ultra Evolution speakers in a surround sound configuration with two surround speakers on the side and two surround speakers on the back. Refer to your AV receiver's manual for instructions on how to place additional channels.



Please contact the SVS Sound Experts if you have any questions or concerns about posting your Ultra Evolution speakers.

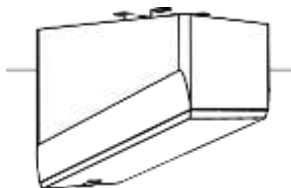
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# Setting Up Your Ultra Evolution Speakers

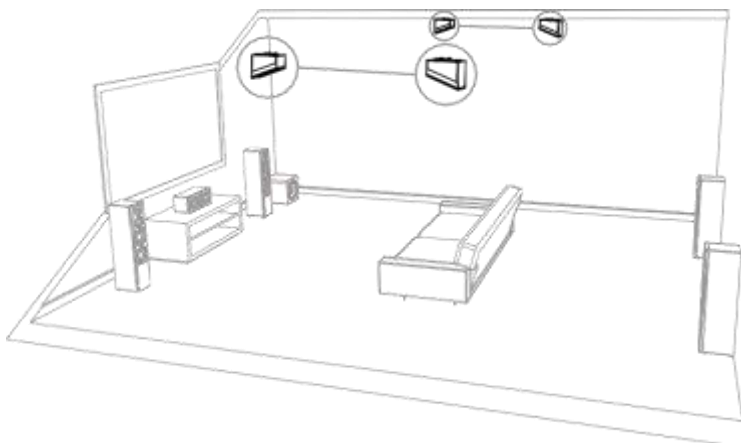
## Dolby Atmos Height Speakers:

SVS Ultra Elevation speakers are recommended for the best height speaker experience based on their easy installation and pristine, accurate sound. Height speakers should be directed towards the listening position.

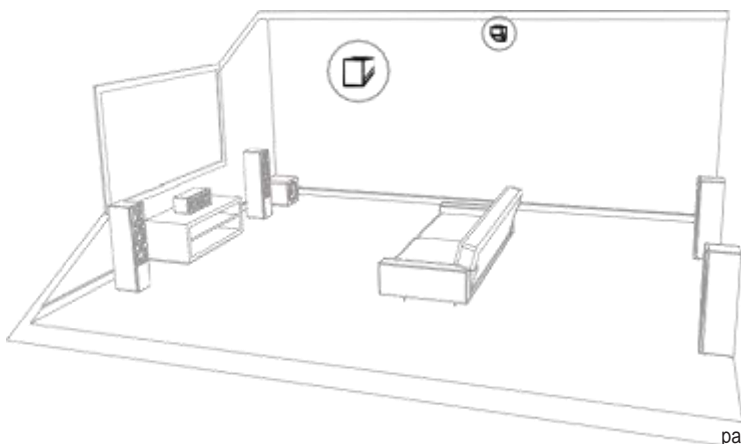
Refer to the SVS Ultra Elevation manual for full placement and installation instructions.



## Atmos system with four height channels:



## Atmos system with two height channels:



# Setting Up Your Ultra Evolution Speakers

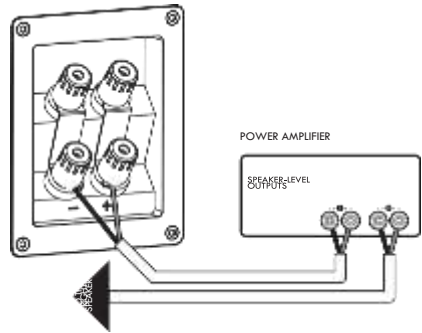
## SPEAKER CONNECTION

The Ultra Evolution Pinnacle, Titan, Tower, Bookshelf, and Center feature dual-input speaker terminals and convenient gold-plated 5-way terminals that accommodate wires and cables terminated with banana plugs, speaker pins, spade connectors, and bare wire. As with any speaker cable, it's a smart idea to measure twice, cut once, and allow an extra foot or two just to be safe.

Once you have the right length, simply connect each speaker to the correct channel of your receiver or power amplifier. Always make sure that you correct +/- polarity between the speaker and the amplifier.

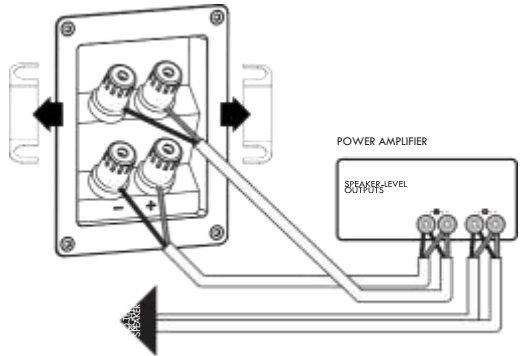
### Conventional wiring

All Ultra Evolution Towers, Bookshelf and Center Speaker are ready for conventional wiring. With the jumper straps in place, attach each Ultra speaker to a separate amplifier channel from your receiver/power amplifier .



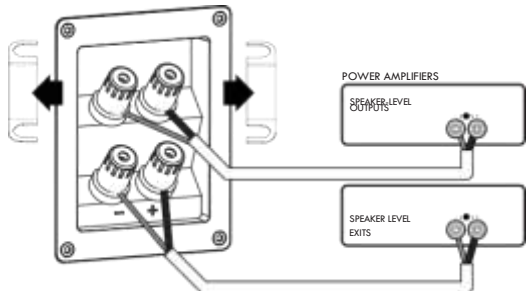
### Bi-wiring

To bi-wire, first remove the jumper straps pre-installed on the terminals. With the straps removed, each pair of terminals can be attached to the SAME amplifier channel of your receiver/power amplifier.



### Bi-amping

To bi-amplify one of the Ultra Evolution speakers , first remove the jumper straps pre-installed on the jacks. With the straps removed, each pair of terminals can be attached to SEPARATE amplifier channels of your receiver/power amplifier.

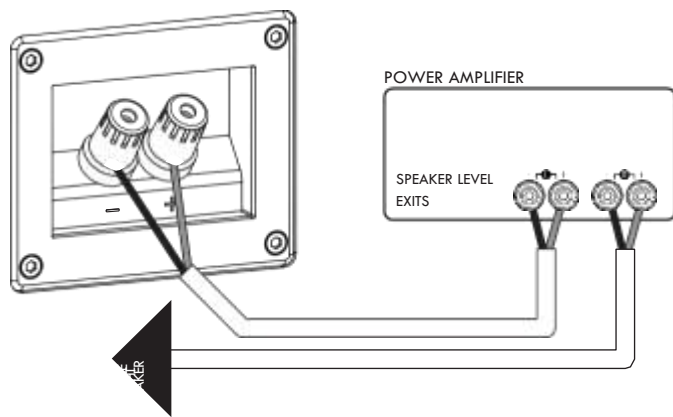


# Setting Up Your Ultra Evolution Speakers

## Ultra Evolution Nano

The Ultra Evolution Nano includes single-input speaker terminals and convenient gold-plated 5-way terminals that accept wires and cables terminated with banana plugs, speaker pins, spade connectors, and bare wire. Simply connect each speaker to the appropriate amplifier channel on your receiver or power amplifier.

To ensure proper operation of your speakers, always make sure to maintain the correct +/- polarity between the speaker and the amplifier or AV receiver.



## ***Caring for Your Ultra Evolution Speakers***

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Here's how to gently clean your Ultra Evolution speakers:

- Use a dry microfiber cloth to remove loose surface dust.
- Use a damp microfiber cloth to remove fingerprints, smudges, and other contaminants. Swipe in one direction only.
- Follow any damp cleaning immediately with a dry microfiber cloth. Again, dry wipe out in one direction only.

## ***5 year unconditional warranty***

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SVS offers the industry's most comprehensive warranty on all of our products. SVS warrants the Ultra Evolution loudspeakers and all of its products to be free from defects in workmanship for five years from the date of purchase .

This, and all of SVS customers' Bill of Rights, can be viewed online at [www.svsound.com/bill-of-rights](http://www.svsound.com/bill-of-rights).

## ***Share your opinion***

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At SVS, we strive to deliver products that exceed every expectation. After you've had the opportunity to install and listen to your Ultra Evolution speakers, please share your comments for our team and other customers to see.



Write a review on [svsound.com](http://svsound.com)  
or [AVstyle.nl](http://AVstyle.nl)



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# Ultra Evolution Speaker Features & Specifications

## Ultra Evolution Pinnacle Specifications:

- In-room frequency response: 24Hz to 40kHz (+/-3 dB)
- Nominal Impedance: 6 ohms
- Sensitivity: 88dB (2.83V @ 1 meter full-space, 300Hz – 3kHz)
- Recommended amplifier power: 20 – 300 watts

- Floor Standing Tower Speaker
- Piano Gloss Black, Piano Gloss White, Real Black Oak Veneer Finish Options
- Double gold-plated 5-way terminals
- Dual 3" wide-flare rear-facing ports
- Fabric grille with magnetic attachment system
- Elastomer screw feet – adjustable spirit level
- Includes metal screw feet with spikes - adjustable spirit level
- Case Size: 49.61" (H) x 11.81" (W) x 18.14" (D) / 1260mm (H) x 300mm (W) x 460.7mm (D)
- Overall dimensions: 50.2" (H) x 11.81" (W) x 18.14" (D) / 1275mm (H) x 300mm (W) x 460.7mm (D) (included grille, feet and terminals)
- Shipped dimensions: 54.6" (H) x 16.3" (W) x 22.6" (D) / 1387mm (H) x 415mm (W) x 575mm (D)
- Weight Packed: 110.8 lbs / 50.3 kg
- Unpacked Weight: 96.7 lbs / 43.9 kg

### 1" diamond coated tweeter

- FEA-optimized Organic Cell Lattice Diffuser for airy, revealed highs and pristine clarity
- Advanced vapor deposition grows a hyper-rigid diamond carbon coating on an aircraft-grade aluminum dome, pushing high-frequency elongation further beyond human hearing and delivering best-in-class fidelity, linearity, and transient response
- Silver-coloured tinsel for optimal signal transmission and load capacity

### 5.25" fiberglass composite midrange drivers

- Composite fiberglass cone with excellent stiffness-to-mass ratio for high sensitivity and piston behavior Past Pass-Band
- Precision-molded aluminum alloy baskets provide precise alignment of critical components and maximize heat dissipation
- Ventilated Kapton voice coil former is exceptionally lightweight for excellent dynamics and transient response

### Quad 8" Woofers in Force Balanced Array

- Long-stroke engine with suspension for high power
- Composite fiberglass cone with excellent stiffness-to-mass ratio for high sensitivity and piston behavior
- Precision-molded aluminum alloy baskets provide precise alignment of critical components and maximize heat dissipation
- Ventilated aluminum voice coil former to maximize thermal control while minimizing air compression artifacts at high drive levels

### Crossover

- 3-way crossover with high-quality capacitors, inductors, resistors, and heavy-track circuit board
- Tweeter-to-midrange crossover: 1.8kHz
- Crossover between mids and woofers: 140 Hz

### Cabinet

- Acoustically centered architecture orients the midrange and woofer arrays in rotational symmetry around the tweeter so that low, mid, and high frequencies originate from the same effective point in the room, creating a coherent, integrated, true-to-life acoustic image.
- The time-aligned cabinet geometry introduces microsecond-level time delays between the drivers, so that the effective-acoustic-center of each driver is equidistant from the listener. The result is improved linearity and directionality across the crossover frequencies and a more accurate soundstage.
- Quad 8" woofers in Force Balanced Array energize each room with deep, accurate, evenly distributed bass while contributing a net zero vibration force to the cabinet and other components.
- Dual 5.25" midrange drivers share a special acoustic suspension enclosure, symmetrically wrapped around the tweeter.
- Beveled faceplate and recessed drivers reduce edge diffraction and improve high-frequency on-axis and off-axis response.
- Extra-thick 1" (25 mm) driver baffles provide rigid, resonance-free mounting for all drivers.
- FEA-optimized 3/4" (18 mm) cabinet construction, extensive bracing, and acoustic isolation eliminate acoustic and structural resonances, ensuring an inert enclosure and uncolored response even at the highest drive levels.

# Ultra Evolution Speaker Features & Specifications

## Ultra Evolution Titan specifications:

- In-room frequency response: 27Hz to 40kHz (+/-3 dB)
- Nominal Impedance: 6 ohms
- Sensitivity: 88dB (2.83V @ 1 meter full-space, 300Hz – 3kHz)
- Recommended amplifier power: 20 – 300 watts

- Floor Standing Tower Speaker
- Piano Gloss Black, Piano Gloss White, Real Black Oak Veneer Finish Options
- Double gold-plated 5-way terminals
- Dual 2.5-inch flared ports face backwards
- Fabric grille with magnetic attachment system
- Elastomer screw feet – adjustable spirit level
- Includes metal screw feet with spikes - adjustable spirit level
- Case Dimensions: 46.54" (H) x 9.8" (W) x 17.3" (D) / 1182mm (H) x 249mm (W) x 439.3mm (D)
- Overall dimensions: 47.13" (H) x 9.8" (W) x 17.3" (D) / 1197mm (H) x 249mm (W) x 439.3mm (D) (including grille, feet and Binding items)
- Dimensions shipped: 51.1" (H) x 14.1" (W) x 21.9" (D) / 1298mm (H) x 357mm (W) x 556mm (D)
- Packed Weight: 80.5 lbs / 36.5 kg
- Weight without packaging: 69.7 lbs / 31.6 kg

### 1" diamond coated tweeter

- FEA-optimized Organic Cell Lattice Diffuser for airy, revealed highs and pristine clarity
- Advanced vapor deposition grows a hyper-rigid diamond carbon coating on an aircraft-grade aluminum dome, pushing high-frequency elongation further beyond human hearing and delivering best-in-class fidelity, linearity, and transient response
- Silver-coloured tinsel for optimal signal transmission and load capacity

### 4.5" fiberglass composite midrange drivers

- Composite fiberglass cone with excellent stiffness-to-mass ratio for high sensitivity and piston behavior Past Pass-Band
- Precision-molded aluminum alloy baskets provide precise alignment of critical components and maximize heat dissipation
- Ventilated Kapton voice coil former is exceptionally lightweight for excellent dynamics and transient response

### Quad 6.5" woofers in Force Balanced Array

- Long-stroke engine with suspension for high power
- Composite fiberglass cone with excellent stiffness-to-mass ratio for high sensitivity and piston behavior
- Precision-molded aluminum alloy baskets provide precise alignment of critical components and maximize heat dissipation
- Ventilated aluminum voice coil former to maximize thermal control while minimizing air compression artifacts at high drive levels

### Crossover

- 3-way crossover with high-quality capacitors, inductors, resistors, and heavy-track circuit board
- Tweeter-to-midrange crossover: 1.9 kHz
- Crossover between mids and woofers: 160 Hz

### Cabinet

- Acoustically centered architecture orients the midrange and woofer arrays in rotational symmetry around the tweeter so that low, mid, and high frequencies originate from the same effective point in the room, creating a coherent, integrated, true-to-life acoustic image.
- The time-aligned cabinet geometry introduces microsecond-level time delays between the drivers, so that the effective-acoustic-center of each driver is equidistant from the listener. The result is improved linearity and directionality across the crossover frequencies and a more accurate soundstage.
- Quad 6.5" woofers in Force Balanced Array energize each room with deep, accurate, evenly distributed bass while contributing a net zero vibration force to the cabinet and other components.
- Dual 4.5" midrange drivers share a dedicated acoustic suspension enclosure, symmetrically wrapped around the tweeter.
- Beveled faceplate and recessed drivers reduce edge diffraction and improve high-frequency on-axis and off-axis response.
- Extra-thick 1" (25 mm) driver baffles provide rigid, resonance-free mounting for all drivers.
- FEA-optimized 3/4" (18 mm) cabinet construction, extensive bracing, and acoustic isolation eliminate acoustic and structural resonances, ensuring an inert enclosure and uncolored response even at the highest drive levels.

# Ultra Evolution Speaker Features & Specifications

## Ultra Evolution Tower Specs:

- In-room frequency response: 30Hz to 40kHz (+/-3 dB)
- Nominal Impedance: 6 ohms
- Sensitivity: 87dB (2.83V @ 1 meter full-space, 300Hz – 3kHz)
- Recommended amplifier power: 20 – 300 watts

- Floor Standing Tower Speaker
- Piano Gloss Black, Piano Gloss White, Real Black Oak Veneer Finish Options
- Double gold-plated 5-way terminals
- Dual 2.5-inch flared ports face backwards
- Fabric grille with magnetic attachment system
- Elastomer screw feet – adjustable spirit level
- Includes metal screw feet with spikes - adjustable spirit level
- Case Size: 43.9" (H) x 8.58" (W) x 16.69" (D) / 1115mm (H) x 218mm (W) x 424mm (D)
- Overall dimensions: 44.49" (H) x 8.58" (W) x 16.69" (D) / 1130 mm (H) x 218 mm (W) x 424 mm (D) (including grille, feet and Binding items)
- Shipped dimensions: 47.8" (H) x 12.2" (W) x 20.5" (D) / 1215mm (H) x 309mm (W) x 520mm (D)
- Packed Weight: 70.3lbs / 31.9kg
- Unpacked Weight: 59.5 lbs / 27.0 kg

### 1" diamond coated tweeter

- FEA-optimized Organic Cell Lattice Diffuser for airy, revealed highs and pristine clarity
- Advanced vapor deposition grows a hyper-rigid diamond carbon coating on an aircraft-grade aluminum dome, pushing high-frequency elongation further beyond human hearing and delivering best-in-class fidelity, linearity, and transient response
- Silver-coloured tinsel for optimal signal transmission and load capacity

### 4.5" fiberglass composite midrange drivers

- Composite fiberglass cone with excellent stiffness-to-mass ratio for high sensitivity and piston behavior
- Precision-molded aluminum alloy baskets provide precise alignment of critical components and maximize heat dissipation
- Ventilated Kapton voice coil former is exceptionally lightweight for excellent dynamics and transient response

### Quad 5.25" Woofers in Force Balanced Array

- Long-stroke engine with suspension for high power
- Composite fiberglass cone with excellent stiffness-to-mass ratio for high sensitivity and piston behavior  
Past Pass-Band
- Precision-molded aluminum alloy baskets provide precise alignment of critical components and maximize heat dissipation
- Ventilated aluminum voice coil former to maximize thermal control while minimizing air compression artifacts at high drive levels

### Crossover

- 3-way crossover with high-quality capacitors, inductors, resistors, and heavy-track circuit board
- Tweeter-to-midrange crossover: 1.8kHz
- Crossover between mids and woofers: 170 Hz

### Cabinet

- Acoustically centered architecture orients the midrange and woofer arrays in rotational symmetry around the tweeter so that low, mid, and high frequencies originate from the same effective point in the room, creating a coherent, integrated, true-to-life acoustic image.
- The time-aligned cabinet geometry introduces microsecond-level time delays between the drivers, so that the effective-acoustic-center of each driver is equidistant from the listener. The result is improved linearity and directionality across the crossover frequencies and a more accurate soundstage.
- Quad 5.25" woofers in Force Balanced Array energize each room with deep, accurate, evenly distributed bass while contributing a net zero vibration force to the cabinet and other components.
- Dual 4.5" midrange drivers share a dedicated acoustic suspension enclosure, symmetrically wrapped around the tweeter.
- Beveled faceplate and recessed drivers reduce edge diffraction and improve high-frequency on-axis and off-axis response.
- Extra-thick 1" (25 mm) driver baffles provide rigid, resonance-free mounting for all drivers.
- FEA-optimized 3/4" (18 mm) cabinet construction, extensive bracing, and acoustic isolation eliminate acoustic and structural resonances, ensuring an inert enclosure and uncolored response even at the highest drive levels.

# Ultra Evolution Speaker Features & Specifications

## Ultra Evolution Bookshelf Specifications:

- In-room frequency response: 40Hz to 40kHz (+/-3 dB)
- Nominal Impedance: 6 ohms
- Sensitivity: 87dB (2.83V @ 1 meter full-space, 300Hz – 3kHz)
- Recommended amplifier power: 20 – 150 watts

- Bookshelf Speaker
- Piano Gloss Black, Piano Gloss White, Real Black Oak Veneer Finish Options
- Double gold-plated 5-way terminals
- 2" wide-ranging rear-facing ports
- Fabric grille with magnetic attachment system
- Elastomer self-adhesive bumper feet
- Case Size: 14.88" (H) x 8.66" (W) x 11.25" (D) / 378mm (H) x 220mm (W) x 285.7mm (D)
- Overall dimensions: 15.04" (H) x 8.66" (W) x 11.64" (D) / 382 mm (H) x 220 mm (W) x 295.6 mm (D) (including grille, feet and Binding items)
- Dimensions shipped (pair): 23.9" (H) x 19.1" (W) x 16.4" (D) / 607mm (H) x 485mm (W) x 417mm (D)
- Packed pair weight: 40.7 lbs / 18.9 kg
- Weight per piece: 18.8 lbs / 8.6 kg

### 1" diamond coated tweeter

- FEA-optimized Organic Cell Lattice Diffuser for airy, revealed highs and pristine clarity
- Advanced vapor deposition grows a hyper-rigid diamond carbon coating on an aircraft-grade aluminum dome, pushing high-frequency elongation further beyond human hearing and delivering best-in-class fidelity, linearity, and transient response
- Silver-coloured tinsel for optimal signal transmission and load capacity

### 6.5" mid-woofer

- Long-stroke engine with suspension for high power
- Composite fiberglass cone with excellent stiffness-to-mass ratio for high sensitivity and piston behavior Past Pass-Band
- Precision-molded aluminum alloy baskets provide precise alignment of critical components and maximize heat dissipation
- Ventilated aluminum voice coil former to maximize thermal control while minimizing air compression artifacts at high drive levels

### Crossover

- 2-way crossover with high-quality capacitors, inductors, resistors, and heavy-track circuit board
- Tweeter-to-woofer crossover: 1.8kHz

### Cabinet

- The time-aligned cabinet geometry introduces microsecond-level time delays between the drivers, so that the effective-acoustic-center of each driver is equidistant from the listener. The result is improved linearity and directionality across the crossover frequencies and a more accurate soundstage.
- Beveled faceplate and recessed drivers reduce edge diffraction and improve high-frequency on-axis and off-axis response.
- Extra-thick 1" (25 mm) driver baffle provides rigid, resonance-free mounting for all drivers.
- FEA-optimized 3/4" (18 mm) cabinet construction, bracing, and acoustic insulation eliminate acoustic and structural resonances, ensuring an inert enclosure and uncolored response even at the highest drive levels.

# Ultra Evolution Speaker Features & Specifications

## Ultra Evolution Nano Specifications :

Acoustic

- In-room frequency response: 44Hz to 40kHz (+/-3 dB)
- Nominal Impedance: 6 ohms
- Sensitivity: 85dB (2.83V @ 1 meter full-space, 300Hz – 3kHz)
- Recommended amplifier power: 20 – 150 watts

Loudspe

- Bookshelf Speaker
- Piano Gloss Black, Piano Gloss White, Real Black Oak Veneer Finish Options
- Gold-plated 5-way terminals
- 1.6" wide-flare rear-facing ports
- Fabric grille with magnetic attachment system
- Elastomer self-adhesive bumper feet
- Case dimensions: 12.2" (H) x 7.48" (W) x 9.21" (D) / 310mm (H) x 190mm (W) x 233.9mm (D)
- Overall dimensions: 12.36" (H) x 7.48" (W) x 9.57" (D) / 314 mm (H) x 190 mm (W) x 243 mm (D) (including grille, feet and binding messages)
- Dimensions shipped (pair): 12.2" (H) x 25.4" (W) x 16.9" (D) / 310mm (H) x 646mm (W) x 429mm (D)
- Packed Pair Weight: 31.0 pounds / 14.1 kg
- Weight per piece: 13.5 lbs / 6.1 kg

Drivers

### 1" diamond coated tweeter

- FEA-optimized Organic Cell Lattice Diffuser for airy, revealed highs and pristine clarity
- Advanced vapor deposition grows a hyper-rigid diamond carbon coating on an aircraft-grade aluminum dome, pushing high-frequency elongation further beyond human hearing and delivering best-in-class fidelity, linearity, and transient response
- Silver-coloured tinsel for optimal signal transmission and load capacity

### 5.25" mid-woofer

- Long-stroke engine with suspension for high power
- Composite fiberglass cone with excellent stiffness-to-mass ratio for high sensitivity and piston behavior Past Pass-Band
- Precision-molded aluminum alloy baskets provide precise alignment of critical components and maximize heat dissipation
- Ventilated aluminum voice coil former to maximize thermal control while minimizing air compression artifacts at high drive levels

### Crossover

- 2-way crossover with high-quality capacitors, inductors, resistors, and heavy-track circuit board
- Tweeter-to-woofer crossover: 1.9kHz

### Cabinet

- The time-aligned cabinet geometry introduces microsecond-level time delays between the drivers, so that the effective-acoustic-center of each driver is equidistant from the listener. The result is improved linearity and directionality across the crossover frequencies and a more accurate soundstage.
- Beveled faceplate and recessed drivers reduce edge diffraction and improve high-frequency on-axis and off-axis response.
- Extra-thick 1" (25 mm) driver baffle provides rigid, resonance-free mounting for all drivers.
- FEA-optimized 3/4" (18 mm) cabinet construction, bracing, and acoustic insulation eliminate acoustic and structural resonances, ensuring an inert enclosure and uncolored response even at the highest drive levels.

Crossover & Cabinet

# Ultra Evolution Speaker Features & Specifications

## Ultra Evolution Center Specifications:

- In-room frequency response: 40Hz to 40kHz (+/-3 dB)
- Nominal Impedance: 6 ohms
- Sensitivity: 87dB (2.83V @ 1 meter full-space, 300Hz – 3kHz)
- Recommended amplifier power: 20 – 225 watts

- Speaker center channel
- Piano Gloss Black, Piano Gloss White, Real Black Oak Veneer Finish Options
- Double gold-plated 5-way terminals
- Dual 1.6-inch flared ports to the rear
- Fabric grille with magnetic attachment system
- Elastomer self-adhesive bumper feet
- Case Size: 7.68" (H) x 22.05" (W) x 11.39" (D) / 195mm (H) x 560mm (W) x 289.4mm (D)
- Overall dimensions: 7.83" (H) x 22.05" (W) x 11.78" (D) / 199mm (H) x 560mm (W) x 299.2mm (D) (including grille, feet and Binding Items)
- Dimensions shipped: 12.0" (H) x 25.8" (W) x 16.3" (D) / 306mm (H) x 655mm (W) x 414mm (D)
- Weight Packed: 30.9 pounds / 13.6 kg
- Unpackaged Weight: 26.8 lbs / 12.2 kg

### 1" diamond coated tweeter

- FEA-optimized Organic Cell Lattice Diffuser for airy, revealed highs and pristine clarity
- Advanced vapor deposition grows a hyper-rigid diamond carbon coating on an aircraft-grade aluminum dome, pushing high-frequency elongation further beyond human hearing and delivering best-in-class fidelity, linearity, and transient response
- Silver-coloured tinsel for optimal signal transmission and load capacity

### 4.5" fiberglass composite midrange driver

- Composite fiberglass cone with excellent stiffness-to-mass ratio for high sensitivity and piston behavior Past Pass-Band
- Precision-molded aluminum alloy baskets provide precise alignment of critical components and maximize heat dissipation
- Ventilated Kapton voice coil former is exceptionally lightweight for excellent dynamics and transient response

### Dual 6.5" high-excursion fiberglass composite woofers

- Long-stroke engine with suspension for high power
- Composite fiberglass cone with excellent stiffness-to-mass ratio for high sensitivity and piston behavior Past Pass-Band
- Precision-molded aluminum alloy baskets provide precise alignment of critical components and maximize heat dissipation
- Ventilated aluminum voice coil former to maximize thermal control while minimizing air compression artifacts at high drive levels

### Crossover

- 3-way crossover with high-quality capacitors, inductors, resistors, and heavy-track circuit board
- Tweeter-to-midrange crossover: 2.2 kHz
- Crossover between mids and woofers: 450 Hz

### Cabinet

- The time-aligned cabinet geometry introduces microsecond-level time delays between the tweeter and the midrange, ensuring that the effective acoustic center of each driver is equidistant from the listener. The result is improved linearity and directionality across the crossover frequencies and a more accurate soundstage.
- Vertically aligned tweeter-midrange array provides perfect on- and off-axis frequency response and blending for clear vocals and the widest possible "Sweet Spot" that ensures transparency and clear vocal/dialogue at any listening position.
- Dual 6.5" woofers provide deep, accurate bass for the most demanding content in the center channel.
- 4.5" midrange driver in a dedicated sub-enclosure with acoustic suspension ensures impeccable midrange output and mixing with woofers and tweeter.
- Beveled faceplate and recessed drivers reduce edge diffraction and improve high-frequency on-axis and off-axis response.
- Extra-thick 1" (25 mm) driver baffle provides rigid, resonance-free mounting for all drivers.
- FEA-optimized 3/4" (18 mm) cabinet construction, extensive bracing, and acoustic isolation eliminate acoustic and structural resonances, ensuring an inert enclosure and uncolored response even at the highest drive levels.





SVS  
340 Victoria Rd.  
Youngstown, Ohio 44515 USA  
(877) 626-5623  
[www.svsound.com](http://www.svsound.com)