

SONANCE

VX | VXQ SERIES

# SONANCE BEYOND SOUND

## RE-IMAGINING SOUND

We continuously innovate beyond product, crafting new categories and telling compelling stories that add value to our solutions, allowing music to enrich life.

## DESIGNED TO DISAPPEAR

Our technology effortlessly blends into architecture and interior design, transforming any space while respecting its original aesthetic.

## AUTHENTIC PARTNERSHIP

We form enduring relationships built on authenticity and trust. With an “Our Team is Your Team” ethos, we collaborate closely with our customers to help unlock value and be the best partner we can be.

## LEADING WITH CULTURE

We foster a culture of transparency, engagement, and genuine care, where team authenticity fuels our shared mission to ensure customer success.

## GOING BEYOND

Driven by a purpose beyond profit, we leverage our success and resources to make a positive impact, creating a better world through our dedication to philanthropy and community service.



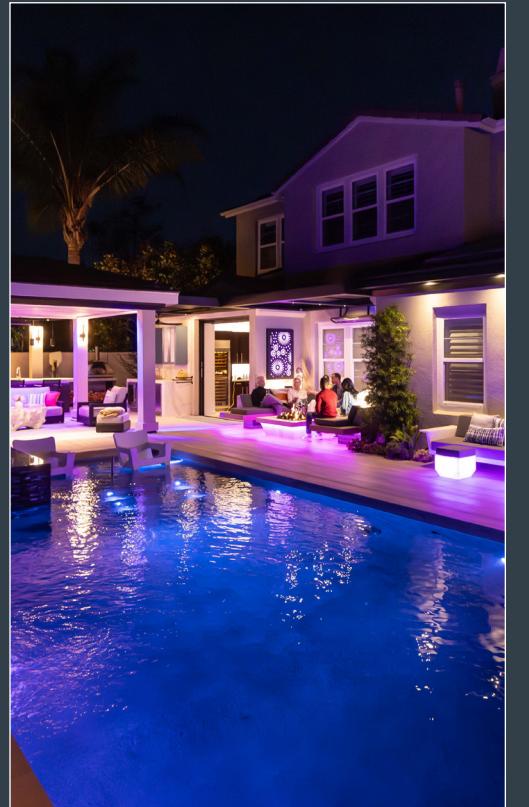


## VISUAL EXPERIENCE SERIES

Sonance Visual Experience Series speakers are engineered for maximum coverage and fidelity to create a comfortable, consistent experience. Each model delivers the greatest dispersion possible so that everyone in the surrounding space receives the same experience, making it easier to design even, balanced audio systems.

## MUSIC FOR...

...THE WAY YOU LIVE AT HOME



...THE WAY YOU LIVE AT SEA

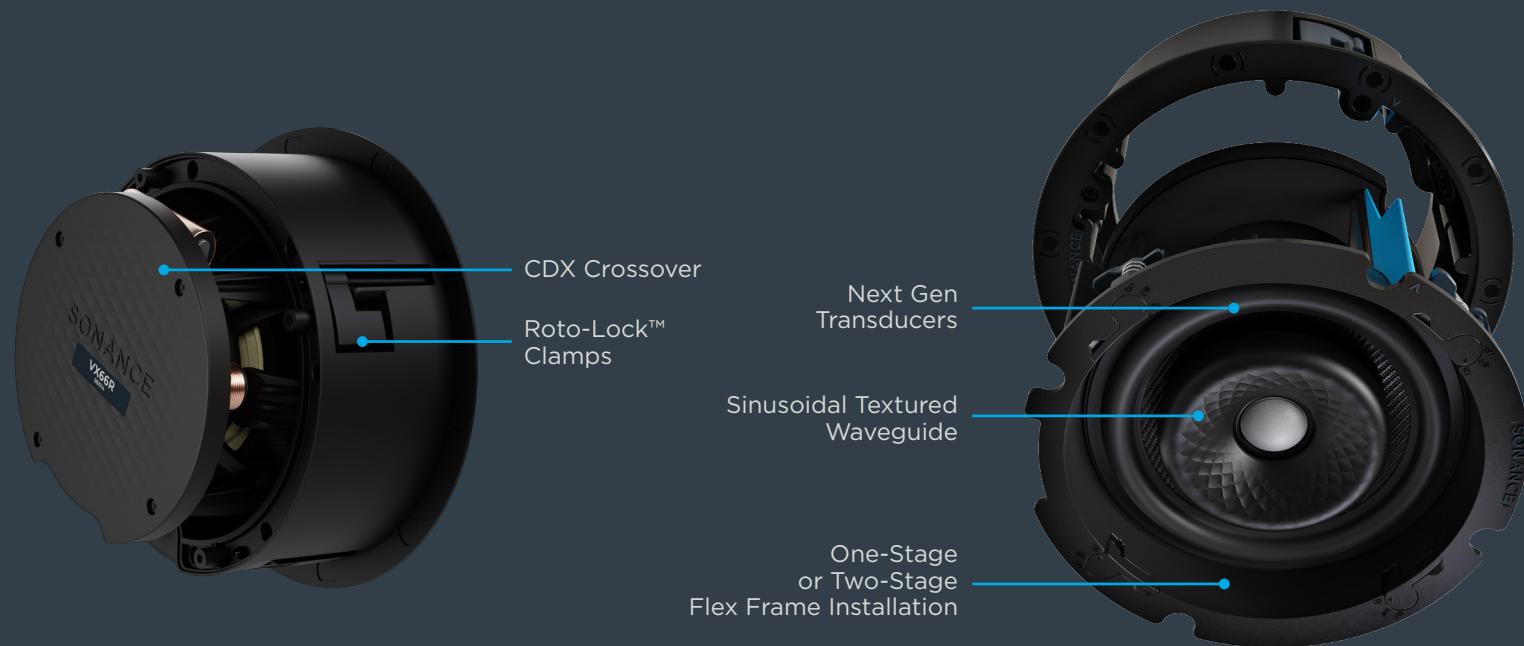


...THE WAY YOU DO BUSINESS



## VISUAL EXPERIENCE DESIGN

When it comes to delivering fidelity and frequency range, Sonance Visual Experience is designed to astound. The Sonance CDX Crossover, as seen in the award-winning Sonance Invisible Series, maximizes performance, achieving a warmth that makes listening easy and enjoyable at any volume, ensuring that no details are lost.



## ADVANCED TECHNOLOGY

### Two-Piece Flex Frame Mounting System

Vastly improved single stage or two stage installation process.

### Brilliant White Micro Trim Grille

Brighter, more consistent white shade. RAL standardized to better match ceilings and walls. Bezel size 50% smaller with knife-edge to minimize shadow lines.

### Optional Trimless Grille

Same brilliant white color but in a modern, monolithic aesthetic with no bezel.

### Sinusoidal Textured Waveguide

Achieve even, balanced tonality to better fill spaces with smooth, extended treble that is remarkably consistent at any angle.

### CDX Crossovers

Adapted from Sonance Invisible Series, our Constant Directivity Crossovers align tweeters and woofers to provide consistent dispersion at all frequencies.

### Advanced Driver Motor Topology

Engineered via sophisticated magnetic and physical simulations to reduce distortion to nearly inaudible levels, resulting in the highest fidelity drivers we have ever made.

### Optional Accessories

127 new speakers and accessories, 1,800 total unique combinations of speaker configurations are possible from grilles to enclosures to additional installation accessories. This gives the flexibility to tailor Visual Experience to blend into the design of any space.

# VX PERFORMANCE LEVELS



## LEVEL 0

**WOOFER:** Textured Polypropylene cone with a rubber surround

**TWEETER:** Cloth dome, Ferrofluid-cooled, acoustic back chamber

**DISPERSION TECHNOLOGY:** Sinusoidal Textured Waveguide

**INSTALLATION:** One-Stage only



## LEVEL 2

**WOOFER:** Textured Polypropylene cone with a rubber surround, pivoting

**TWEETER:** Cloth dome, Ferrofluid-cooled, acoustic back chamber

**DISPERSION TECHNOLOGY:** Sinusoidal Textured Waveguide

**INSTALLATION:** One-Stage or Two-Stage



## LEVEL 6

**WOOFER:** Kevlar/Nomex cone, rubber surround, pivoting

**TWEETER:** Ceramic dome, Ferrofluid-cooled, acoustic back chamber

**DISPERSION TECHNOLOGY:** Sinusoidal Textured Waveguide

**INSTALLATION:** One-Stage or Two-Stage

# INSTALLATION

Visual Experience Series features flexible installation styles to maximize efficiency for best business practices in the field. Whether for large scale installations or multi-phase project schedules, leveraging the Sonance VX two-stage process makes installation simple to scale, no matter the project.

## ONE-STAGE INSTALLATION

Similar to the legacy VP models.

**STEP 1:** Cut the surface

**STEP 2:** Insert the Speaker

**STEP 3:** Tighten the Toggle Feet



## TWO-STAGE INSTALLATION

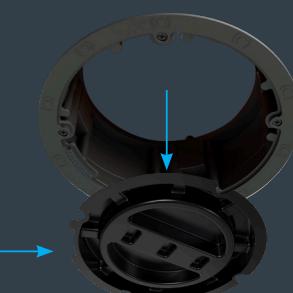
The Flex Frame process allows the speaker to be decoupled and installed in two stages for flexibility when installing across large scale or multi-phase projects.

**STEP 1:** Cut the surface

**STEP 2:** Insert the VX Flex Frame and Plug, tighten the Toggle Feet

**STEP 3:** When ready to complete install, remove Plug and insert VX Speaker Module

**STEP 4:** Click and lock the Speaker Module to the Flex Frame



Remove plug from flex frame



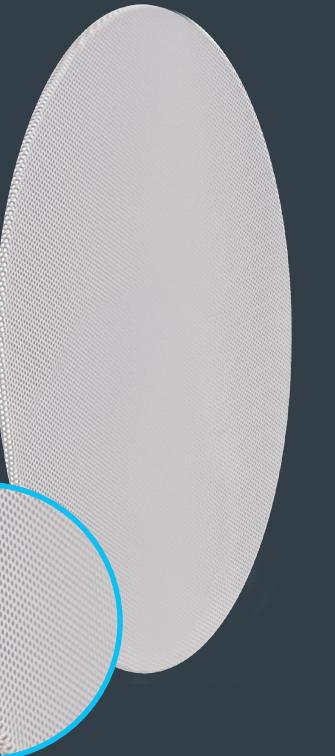
Two-stage installation not available on VX60R, VX80R, or James VXQ models.

## FLEXIBLE FINISH

VX grilles are available in round, square, and rectangle form factors in either micro trim, trimless, or Trufig mounted trimless paintable options that can also be custom laser printed. Micro trim grilles ship standard with all VX models.

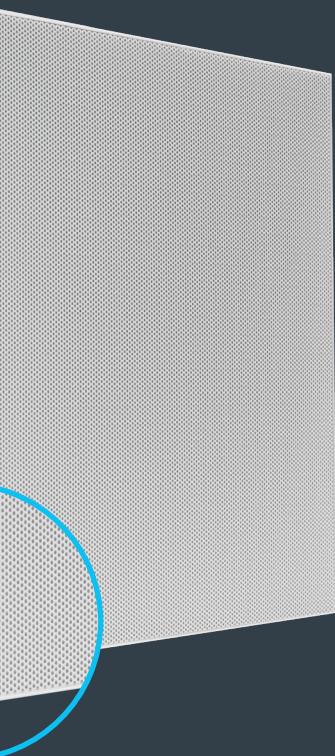
### TRIMLESS

Sleek Trimless grille for a clean finish with zero seam.



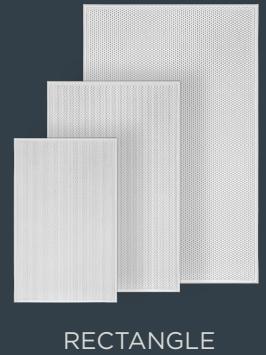
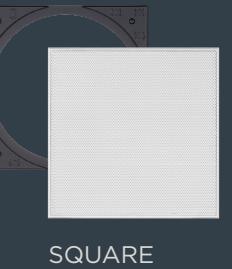
### MICRO TRIM

Single-piece paintable grille with ultra-slim 3mm Micro Trim.

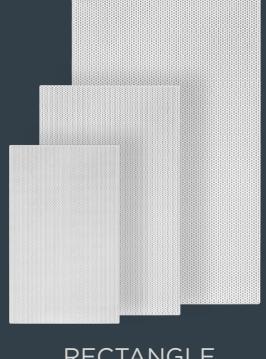
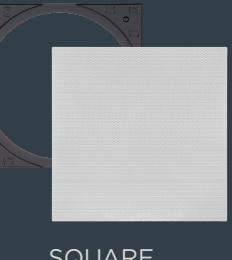


## MICRO TRIM GRILLES

Ships standard with all VX Round and Rectangle models.



## TRIMLESS GRILLES



## VISUAL EXPERIENCE ROUND SPEAKER SELECTION



## VX 4-INCH ROUND SPEAKERS

### VX42R

<b>Tweeter</b>	0.75" (19mm) cloth dome, Ferrofluid-cooled, acoustic back chamber
<b>Woofer</b>	4.5" (114mm) textured polypropylene cone, rubber surround, pivoting
<b>Dispersion Technology</b>	Sinusoidal textured waveguide
<b>Speaker Pivot</b>	Coincident Woofer + Tweeter Pivoting
<b>Frequency Response (+/- 3dB)</b>	60Hz - 20kHz
<b>Impedance</b>	8 ohms nominal; 6 ohms minimum
<b>Power Handling (RMS)</b>	5 watts minimum; 70 watts maximum
<b>Sensitivity (2.83V/1m)</b>	89dB
<b>Mounting Technology</b>	Flex Frame 1 or 2-stage, 3 x RotoLock® Clamps
<b>Speaker Mounting Depth (D)</b>	4.53" (115mm)



### VX46R

<b>Tweeter</b>	0.75" (19mm) ceramic dome, Ferrofluid-cooled, acoustic back chamber
<b>Woofer</b>	4.5" (114mm) Kevlar/Nomex cone, rubber surround, pivoting
<b>Dispersion Technology</b>	Sinusoidal textured waveguide
<b>Speaker Pivot</b>	Coincident Woofer + Tweeter Pivoting
<b>Frequency Response (+/- 3dB)</b>	58Hz - 20kHz
<b>Impedance</b>	8 ohms nominal; 6 ohms minimum
<b>Power Handling (RMS)</b>	5 watts minimum; 80 watts maximum
<b>Sensitivity (2.83V/1m)</b>	90dB
<b>Mounting Technology</b>	Flex Frame 1 or 2-stage, 3 x RotoLock® Clamps
<b>Speaker Mounting Depth (D)</b>	4.61" (117.1mm)



### SHARED DIMENSIONS

<b>Cut-Out Dimensions (Dia)</b>	5.875" (149mm)	<b>Square Micro Trim Grill (WxH)</b>	6.77" x 6.77" (171.8mm x 171.8mm)
<b>Speaker Mounting Depth (D)</b>	5.75" (146.1mm)	<b>Square Trimless Grille (WxH)</b>	6.42" x 6.42" (163mm x 163mm)
<b>Round Micro Trim Grille (Dia)</b>	6.77" (171.8mm)	<b>Shipping Weight</b>	6 lbs. (2.8kg)
<b>Round Trimless Grille (Dia)</b>	6.42" (163mm)		
<b>Mounting Depth + Retrofit Encl.</b>	3.84" (97.6mm)		

# VX 6-INCH ROUND SPEAKERS

## VX60R

<b>Tweeter</b>	1" (25mm) cloth dome, Ferrofluid-cooled, acoustic back chamber
<b>Woofer</b>	6.5" (165mm) textured polypropylene cone, rubber surround
<b>Dispersion Technology</b>	Sinusoidal textured waveguide
<b>Speaker Pivot</b>	No Pivoting
<b>Frequency Response (+/- 3dB)</b>	48Hz - 20kHz
<b>Impedance</b>	8 ohms nominal; 6 ohms minimum
<b>Power Handling (RMS)</b>	5 watts minimum; 100 watts maximum
<b>Sensitivity (2.83V/1m)</b>	89dB
<b>Mounting Technology</b>	1-stage, 4 x RotoLock® Clamps



## VX62R

<b>Tweeter</b>	1" (25mm) cloth dome, Ferrofluid-cooled, acoustic back chamber
<b>Woofer</b>	6.5" (165mm) textured polypropylene cone, rubber surround, pivoting
<b>Dispersion Technology</b>	Sinusoidal textured waveguide
<b>Speaker Pivot</b>	Coincident Woofer + Tweeter Pivoting
<b>Frequency Response (+/- 3dB)</b>	45Hz - 20kHz
<b>Impedance</b>	8 ohms nominal; 6 ohms minimum
<b>Power Handling (RMS)</b>	5 watts minimum; 125 watts maximum
<b>Sensitivity (2.83V/1m)</b>	89dB
<b>Mounting Technology</b>	Flex Frame 1 or 2-stage, 4 x RotoLock® Clamps



## VX64R

<b>Tweeter</b>	1" (25mm) ceramic dome, Ferrofluid-cooled, acoustic back chamber
<b>Woofer</b>	6.5" (165mm) textured polypropylene cone, rubber surround, pivoting
<b>Dispersion Technology</b>	Sinusoidal textured waveguide
<b>Speaker Pivot</b>	Coincident Woofer + Tweeter Pivoting
<b>Frequency Response (+/- 3dB)</b>	48Hz - 20kHz
<b>Impedance</b>	8 ohms nominal; 6 ohms minimum
<b>Power Handling (RMS)</b>	5 watts minimum; 125 watts maximum
<b>Sensitivity (2.83V/1m)</b>	89dB
<b>Mounting Technology</b>	Flex Frame 1 or 2-stage, 4 x RotoLock® Clamps



## VX66R

<b>Tweeter</b>	1" (25mm) ceramic dome, Ferrofluid-cooled, acoustic back chamber
<b>Woofer</b>	6.5" (165mm) Kevlar/ Nomex cone, rubber surround, pivoting
<b>Dispersion Technology</b>	Sinusoidal textured waveguide
<b>Speaker Pivot</b>	Coincident Woofer + Tweeter Pivoting
<b>Frequency Response (+/- 3dB)</b>	43Hz - 20kHz
<b>Impedance</b>	8 ohms nominal; 6 ohms minimum
<b>Power Handling (RMS)</b>	5 watts minimum; 140 watts maximum
<b>Sensitivity (2.83V/1m)</b>	90dB
<b>Mounting Technology</b>	Flex Frame 1 or 2-stage, 4 x RotoLock® Clamps



## SHARED DIMENSIONS

<b>Cut-Out Dimensions (Dia)</b>	8.25" (210mm)
<b>Speaker Mounting Depth (D)</b>	4.92" (125mm)
<b>Round Micro Trim Grille (Dia)</b>	9.62" (244.4mm)
<b>Round Trimless Grille (Dia)</b>	9.28" (235.6mm)
<b>Mounting Depth + Retrofit Encl.</b>	5.75" (146.1mm)

**Square Micro Trim Grill (WxH)**  
9.62" x 9.62" (244.4mm x 244.4mm)  
**Square Trimless Grille (WxH)**  
9.28" x 9.28" (235.6mm x 235.6mm)  
**Shipping Weight**  
9 lbs. (4.1kg)

# VX 8-INCH ROUND SPEAKERS

## VX80R

<b>Tweeter</b>	1.2" (30mm) cloth dome, acoustic back chamber, Ferrofluid-cooled
<b>Woofer</b>	8" (203mm) textured polypropylene cone, rubber surround
<b>Dispersion Technology</b>	Sinusoidal textured waveguide
<b>Speaker Pivot</b>	No Pivoting
<b>Frequency Response (+/- 3dB)</b>	42Hz - 20kHz
<b>Impedance</b>	8 ohms nominal; 6 ohms minimum
<b>Power Handling (RMS)</b>	5 watts minimum; 125 watts maximum
<b>Sensitivity (2.83V/1m)</b>	90dB
<b>Mounting Technology</b>	1-stage, 4 x RotoLock® Clamps
<b>Speaker Mounting Depth (D)</b>	4.69" (119mm)
<b>Shipping Weight</b>	12.5 lbs. (5.67kg)



## VX86R

<b>Tweeter</b>	1.2" (30mm) ceramic dome, acoustic back chamber, Ferrofluid-cooled
<b>Woofer</b>	8" (203mm) Kevlar/Nomex cone, rubber surround, pivoting
<b>Dispersion Technology</b>	Sinusoidal textured waveguide
<b>Speaker Pivot</b>	Coincident Woofer + Tweeter Pivoting
<b>Frequency Response (+/- 3dB)</b>	34Hz - 20kHz
<b>Impedance</b>	8 ohms nominal; 6 ohms minimum
<b>Power Handling (RMS)</b>	5 watts minimum; 150 watts maximum
<b>Sensitivity (2.83V/1m)</b>	91dB
<b>Mounting Technology</b>	Flex Frame 1 or 2-stage, 4 x RotoLock® Clamps
<b>Speaker Mounting Depth (D)</b>	5.51" (140mm)
<b>Shipping Weight</b>	20.0 lbs. (9.0kg)



## VX82R

<b>Tweeter</b>	1.2" (30mm) cloth dome, acoustic back chamber, Ferrofluid-cooled
<b>Woofer</b>	8" (203mm) textured polypropylene cone, rubber surround, pivoting
<b>Dispersion Technology</b>	Sinusoidal textured waveguide
<b>Speaker Pivot</b>	Coincident Woofer + Tweeter Pivoting
<b>Frequency Response (+/- 3dB)</b>	38Hz - 20kHz
<b>Impedance</b>	8 ohms nominal; 6 ohms minimum
<b>Power Handling (RMS)</b>	5 watts minimum; 125 watts maximum
<b>Sensitivity (2.83V/1m)</b>	90dB
<b>Mounting Technology</b>	Flex Frame 1 or 2-stage, 4 x RotoLock® Clamps
<b>Speaker Mounting Depth (D)</b>	5.51" (140mm)
<b>Shipping Weight</b>	20.0 lbs. (9.0kg)



## SHARED DIMENSIONS

<b>Cut-Out Dimensions (Dia)</b>	10.125" (257mm)	<b>Square Micro Trim Grill (WxH)</b>	11.52" x 11.52" (292.6mm x 292.6mm)
<b>Round Micro Trim Grille (Dia)</b>	11.52" (292.6mm)	<b>Square Trimless Grille (WxH)</b>	11.17" x 11.17" (283.8mm x 283.8mm)
<b>Round Trimless Grille (Dia)</b>	11.17" (283.8mm)		
<b>Mounting Depth + Retrofit Encl.</b>	6.52" (165.6mm)		

## VISUAL EXPERIENCE RECTANGLE SPEAKER SELECTION



## VX 4-INCH RECTANGLE SPEAKERS

### VX42

Tweeter	0.75" (19mm) cloth dome, Ferrofluid-cooled, acoustic back chamber
Woofer	4.5" (114mm) textured polypropylene cone, rubber surround
Dispersion Technology	Sinusoidal textured waveguide
Frequency Response (+/- 3dB)	60Hz - 20kHz
Impedance	8 ohms nominal; 6 ohms minimum
Power Handling (RMS)	5 watts minimum; 70 watts maximum
Sensitivity (2.83V/1m)	89dB
Mounting Technology	Flex Frame 1 or 2-stage, 4 x RotoLock® Clamps



### VX46

Tweeter	0.75" (19mm) ceramic dome, Ferrofluid-cooled, acoustic back chamber
Woofer	4.5" (114mm) Kevlar/Nomex cone, rubber surround
Dispersion Technology	Sinusoidal textured waveguide
Frequency Response (+/- 3dB)	58Hz - 20kHz
Impedance	8 ohms nominal; 6 ohms minimum
Power Handling (RMS)	5 watts minimum; 70 watts maximum
Sensitivity (2.83V/1m)	90dB
Mounting Technology	Flex Frame 1 or 2-stage, 4 x RotoLock® Clamps



### SHARED DIMENSIONS

Cut-Out Dimensions (WxH)	4.625" x 8" (117mm x 203mm)
Speaker Mounting Depth (D)	3.28" (83.2mm)
Micro Trim Grille (WxH)	5.47" x 8.8" (139.1mm x 223.6mm)
Trimless Grille (WxH)	5.13" x 8.46" (130.2mm x 214.8mm)
Mounting Depth + Retrofit Encl.	3.84" (97.6mm)
Shipping Weight	6 lbs. (2.8kg)

## VX 6-INCH RECTANGLE SPEAKERS

### VX62

<b>Tweeter</b>	1" (25mm) cloth dome, Ferrofluid-cooled, acoustic back chamber
<b>Woofer</b>	6.5" (165mm) textured polypropylene cone, rubber surround
<b>Dispersion Technology</b>	45Hz - 20kHz
<b>Frequency Response (+/- 3dB)</b>	60Hz - 20kHz
<b>Impedance</b>	8 ohms nominal; 6 ohms minimum
<b>Power Handling (RMS)</b>	5 watts minimum; 125 watts maximum
<b>Sensitivity (2.83V/1m)</b>	89dB
<b>Mounting Technology</b>	Flex Frame 1 or 2-stage, 4 x RotoLock® Clamps
<b>Shipping Weight</b>	9 lbs. (4.1kg)



### VX66

<b>Tweeter</b>	1" (25mm) ceramic dome, Ferrofluid-cooled, acoustic back chamber
<b>Woofer</b>	6.5" (165mm) Kevlar/Nomex cone, rubber surround
<b>Frequency Response (+/- 3dB)</b>	43Hz - 20kHz
<b>Impedance</b>	8 ohms nominal; 6 ohms minimum
<b>Power Handling (RMS)</b>	5 watts minimum; 140 watts maximum
<b>Sensitivity (2.83V/1m)</b>	90dB
<b>Mounting Technology</b>	Flex Frame 1 or 2-stage, 4 x RotoLock® Clamps
<b>Shipping Weight</b>	10 lbs. (4.5kg)



### SHARED DIMENSIONS

<b>Cut-Out Dimensions (WxH)</b>	6.9375" x 10.75" (176mm x 273mm)
<b>Speaker Mounting Depth (D)</b>	3.48" (88.3mm)
<b>Micro Trim Grille (WxH)</b>	8.23" x 12.12" (208.9mm x 307.7mm)
<b>Trimless Grille (WxH)</b>	7.88" x 11.77" (200.1mm x 298.9mm)
<b>Mounting Depth + Retrofit Encl.</b>	3.84" (97.6mm)

## VX 8-INCH RECTANGLE SPEAKERS

### VX82

<b>Tweeter</b>	1.2" (30mm) cloth dome, Ferrofluid-cooled, acoustic back chamber
<b>Woofer</b>	8" (203mm) textured polypropylene cone, rubber surround
<b>Dispersion Technology</b>	Sinusoidal textured waveguide
<b>Frequency Response (+/- 3dB)</b>	38Hz - 20kHz
<b>Impedance</b>	8 ohms nominal; 6 ohms minimum
<b>Power Handling (RMS)</b>	5 watts minimum; 125 watts maximum
<b>Sensitivity (2.83V/1m)</b>	90dB
<b>Mounting Technology</b>	Flex Frame 1- or 2-stage, 6 RotoLock® Clamps



### VX86

<b>Tweeter</b>	1.2" (30mm) ceramic dome, Ferrofluid-cooled, acoustic back chamber
<b>Woofer</b>	8" (203mm) Kevlar/Nomex cone, rubber surround
<b>Dispersion Technology</b>	Sinusoidal textured waveguide
<b>Frequency Response (+/- 3dB)</b>	34Hz - 20kHz
<b>Impedance</b>	8 ohms nominal; 6 ohms minimum
<b>Power Handling (RMS)</b>	5 watts minimum; 150 watts maximum
<b>Sensitivity (2.83V/1m)</b>	91dB
<b>Mounting Technology</b>	Flex Frame 1- or 2-stage, 6 RotoLock® Clamps



### SHARED DIMENSIONS

<b>Cut-Out Dimensions (WxH)</b>	8.5" x 14.5" (216mm x 368mm)
<b>Speaker Mounting Depth (D)</b>	3.64" (92.4mm)
<b>Micro Trim Grille (WxH)</b>	9.72" x 15.87" (246.8mm x 403.1mm)
<b>Trimless Grille (WxH)</b>	9.37" x 15.52" (238.0mm x 394.3mm)
<b>Mounting Depth + Retrofit Encl.</b>	3.86" (98.1mm)
<b>Shipping Weight</b>	20 lbs. (9kg)

# VISUAL EXPERIENCE SPECIALITY SPEAKER SELECTION



## VX 6-INCH LCR SPEAKERS

### VX62 LCR

<b>Tweeter</b>	1" (25mm) cloth dome, Ferrofluid-cooled, acoustic back chamber
<b>Woofer</b>	Two 6.5" (165mm) textured polypropylene cones, rubber surrounds
<b>Frequency Response (+/- 3dB)</b>	45Hz - 20kHz
<b>Impedance</b>	8 ohms nominal; 6 ohms minimum
<b>Power Handling (RMS)</b>	5 watts minimum; 125 watts maximum
<b>Sensitivity (2.83V/1m)</b>	89dB
<b>Mounting Technology</b>	Flex Frame 1 or 2-stage, 4 x RotoLock® Clamps
<b>Shipping Weight</b>	9 lbs. (4.1kg)



### VX66 LCR

<b>Tweeter</b>	1" (25mm) ceramic dome, Ferrofluid-cooled, acoustic back chamber
<b>Woofer</b>	Two 6.5" (165mm) Kevlar/Nomex cones, rubber surrounds
<b>Frequency Response (+/- 3dB)</b>	43Hz - 20kHz
<b>Impedance</b>	8 ohms nominal; 6 ohms minimum
<b>Power Handling (RMS)</b>	5 watts minimum; 140 watts maximum
<b>Sensitivity (2.83V/1m)</b>	90dB
<b>Mounting Technology</b>	Flex Frame 1 or 2-stage, 4 x RotoLock® Clamps
<b>Shipping Weight</b>	10 lbs. (4.5kg)



### SHARED DIMENSIONS

<b>Cut-Out Dimensions (WxH)</b>	6.9375" x 14.57" (176mm x 370mm)
<b>Speaker Mounting Depth (D)</b>	3.5" (89mm)
<b>Micro Trim Grille (WxH)</b>	8.23" x 15.87" (208.9mm x 403.1mm)
<b>Trimless Grille (WxH)</b>	7.88" x 15.52" (200.1mm x 394.3mm)
<b>Mounting Depth + Retrofit Encl.</b>	3.84" (97.6mm)

## VX 4-INCH SST SPEAKERS

### VX46R SST

<b>Tweeter</b>	0.75" (19mm) ceramic dome, Ferrofluid-cooled, acoustic back chamber, dual voice coil
<b>Woofer</b>	4.5" (114mm) Kevlar/Nomex cone, rubber surround, pivoting, dual voice coil
<b>Frequency Response (+/- 3dB)</b>	58Hz - 20kHz
<b>Impedance</b>	8 ohms nominal; 6 ohms minimum
<b>Power Handling (RMS)</b>	5 watts minimum; 80 watts maximum
<b>Sensitivity (2.83V/1m)</b>	90dB
<b>Shipping Weight</b>	3 lbs. (1.4kg)
<b>Cut-Out Dimensions (Dia)</b>	5.875" (149mm)
<b>Speaker Mounting Depth (D)</b>	4.61" (117.1mm)
<b>Round Micro Trim Grille (Dia)</b>	6.77" (171.8mm)
<b>Round Trimless Grille (Dia)</b>	6.42" (163mm)
<b>Square Micro Trim Grille (WxH)</b>	6.77" x 6.77" (171.8mm x 171.8mm)
<b>Square Trimless Grille (WxH)</b>	6.42" x 6.42" (163mm x 163mm)
<b>Mounting Depth + Retrofit Encl.</b>	5.75" (146.1mm)



# VX 6 AND 8-INCH SST SPEAKERS

## VX62R SST

<b>Tweeter</b>	1" (25mm) cloth dome, Ferrofluid-cooled, acoustic back chamber, dual voice coil
<b>Woofer</b>	6.5" (165mm) textured polypropylene cone, rubber surround, pivoting, dual voice coil
<b>Frequency Response (+/- 3dB)</b>	45Hz - 20kHz
<b>Impedance</b>	8 ohms nominal; 6 ohms minimum
<b>Power Handling (RMS)</b>	5 watts minimum; 125 watts maximum
<b>Sensitivity (2.83V/1m)</b>	89dB



## VX66R SST

<b>Tweeter</b>	1" (25mm) ceramic dome, Ferrofluid-cooled, acoustic back chamber, dual voice coil
<b>Woofer</b>	6.5" (165mm) Kevlar/Nomex cone, rubber surround, pivoting, dual voice coil
<b>Frequency Response (+/- 3dB)</b>	43Hz - 20kHz
<b>Impedance</b>	8 ohms nominal; 6 ohms minimum
<b>Power Handling (RMS)</b>	5 watts minimum; 140 watts maximum
<b>Sensitivity (2.83V/1m)</b>	90dB



## SHARED DIMENSIONS

<b>Cut-Out Dimensions (Dia)</b>	8.25" (210mm)
<b>Speaker Mounting Depth (D)</b>	4.92" (125mm)
<b>Round Micro Trim Grille (Dia)</b>	9.62" (244.4mm)
<b>Round Trimless Grille (Dia)</b>	9.28" (235.6mm)
<b>Mounting Depth + Retrofit Encl.</b>	5.75" (146.1mm)
<b>Square Micro Trim Grill (WxH)</b>	9.62" x 9.62" (244.4mm x 244.4mm)
<b>Square Trimless Grille (WxH)</b>	9.28" x 9.28" (235.6mm x 235.6mm)
<b>Shipping Weight</b>	4.5 lbs. (2.1kg)

## VX66 SST

<b>Tweeter</b>	1" (25mm) ceramic dome, Ferrofluid-cooled, acoustic back chamber, dual voice coil
<b>Woofer</b>	6.5" (165mm) Kevlar/Nomex cone, rubber surround, dual voice coil
<b>Frequency Response (+/- 3dB)</b>	43Hz - 20kHz
<b>Impedance</b>	8 ohms nominal; 6 ohms minimum
<b>Power Handling (RMS)</b>	5 watts minimum; 140 watts maximum
<b>Sensitivity (2.83V/1m)</b>	89dB
<b>Micro Trim Grille (WxH)</b>	8.23" x 12.12" (208.9mm x 307.7mm)
<b>Trimless Grille (WxH)</b>	7.88" x 11.77" (200.1mm x 298.9mm)
<b>Speaker Mounting Depth (D)</b>	3.48" (88.3mm)
<b>Mounting Depth + Retrofit Encl.</b>	3.84" (97.6mm)
<b>Cut-Out Dims (WxH)</b>	6.9375" x 10.75" (176mm x 273mm)
<b>Shipping Weight</b>	5 lbs. (2.3kg)



## VX86R SST

<b>Tweeter</b>	1.2" (30mm) ceramic dome, Ferrofluid-cooled, acoustic back chamber, dual voice coil
<b>Woofer</b>	8" (203mm) Kevlar/Nomex cone, rubber surround, pivoting, dual voice coil
<b>Frequency Response (+/- 3dB)</b>	34Hz - 20kHz
<b>Impedance</b>	8 ohms nominal; 6 ohms minimum
<b>Power Handling (RMS)</b>	5 watts minimum; 150 watts maximum
<b>Sensitivity (2.83V/1m)</b>	91dB
<b>Round Micro Trim Grille (Dia)</b>	11.52" (292.6mm)
<b>Round Trimless Grille (Dia)</b>	11.17" (283.8mm)
<b>Square Micro Trim Grille (WxH)</b>	11.52" x 11.52" (292.6mm x 292.6mm)
<b>Square Trimless Grille (WxH)</b>	11.17" x 11.17" (283.8mm x 283.8mm)
<b>Speaker Mounting Depth (D)</b>	5.51" (140mm)
<b>Mounting Depth + Retrofit Encl.</b>	6.52" (165.6mm)
<b>Cut-Out Dims (Dia)</b>	10.125" (257mm)
<b>Shipping Weight</b>	10 lbs. (4.5kg)

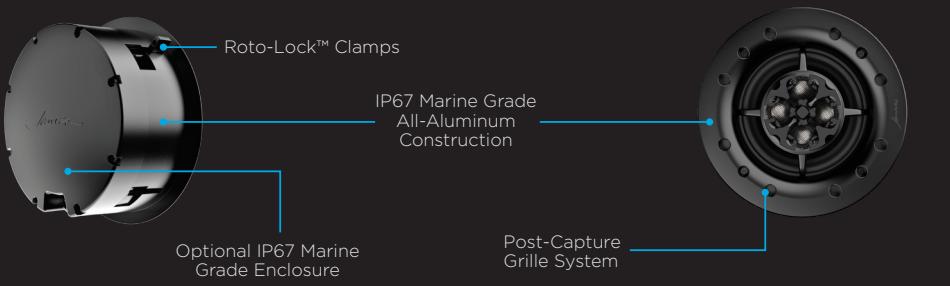




BY SONANCE

## VISUAL EXPERIENCE WITH QUADRATECH

### VXQ KEY FEATURES



### LEVEL 8

**WOOFER:** Aluminum cone, Santoprene surround

**TWEETER:** Four titanium domes, Ferrofluid-cooled, acoustic back chamber

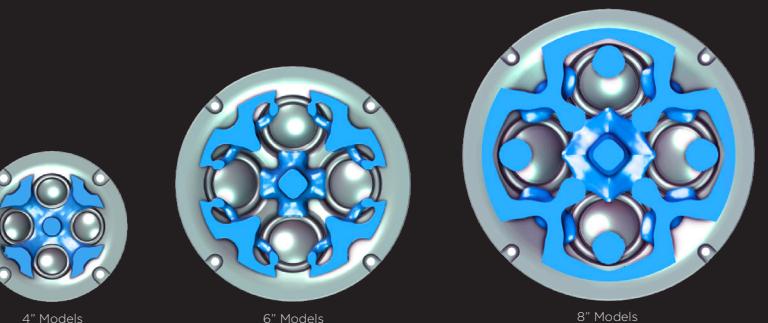
**DISPERSION TECHNOLOGY:** Quadratech Tweeter with Cymatic Diffuser

**MARINE GRADE:** IP67 Rated

### QUADRATECH TWEETER

### CYMATIC DIFFUSER

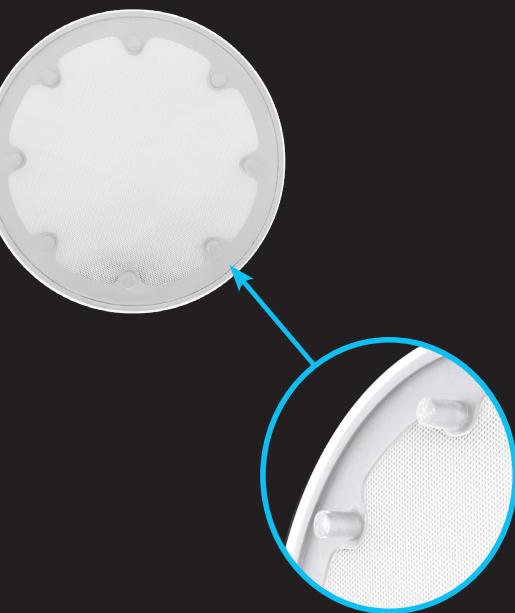
Using advanced simulation and iterative machine learning design, the new James Quadratech Tweeter design draws inspiration from the award-winning James Quad Tweeter Array and delivers state-of-the-art, superior performance. Each VXQ model has a uniquely designed James Quadratech tweeter and surrounding Cymatic Diffuser, the first design of its kind which creates an astonishingly clear and balanced dispersion.



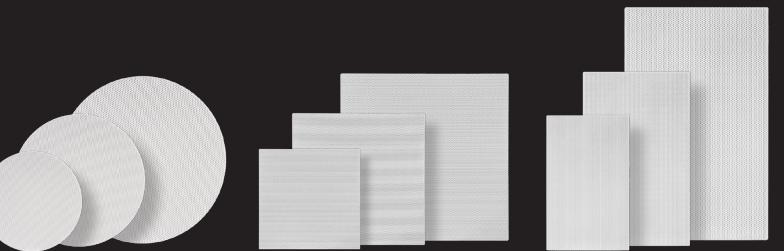
## JAMES VXQ GRILLE OPTIONS

Flexible trim options available including Micro Trim, Trimless, and Flush TRUFIG Mounted. VXQ grilles are unique for their post capture technology. Grille type is selectable when ordering.

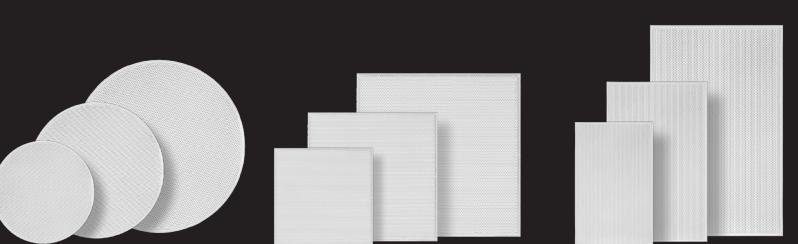
### POST CAPTURE GRILLES



### TRIMLESS GRILLES



### MICRO TRIM GRILLES



# VXQ IN-CEILING ROUND SPEAKERS

## VXQ48R

Tweeter	0.50" (12mm) four titanium domes, Ferrofluid-cooled, acoustic back chamber
Woofer	4.5" (114mm) Aluminum cone, Santoprene surround
Dispersion Technology	Quadrattech Tweeter with Cymatic Diffuser
Frequency Response (+/- 3dB)	50Hz - 20kHz
Impedance	8 ohms nominal; 6 ohms minimum
Power Handling (RMS)	5 watts minimum; 100 watts maximum
Sensitivity (2.83V/1m)	90dB
Mounting Technology	1-stage, 3 x RotoLock® Clamps
Dimensions (DxHxD)	5.875" x 3.74" (149mm x 95.1mm)
Shipping Weight	6 lbs. (2.8kg)



## VXQ68R

Tweeter	0.75" (19mm) four titanium domes, Ferrofluid-cooled, acoustic back chamber
Woofer	6.5" (165mm) Aluminum cone, Santoprene surround
Dispersion Technology	Quadrattech Tweeter with Cymatic Diffuser
Frequency Response (+/- 3dB)	40Hz - 20kHz
Impedance	8 ohms nominal; 6 ohms minimum
Power Handling (RMS)	5 watts minimum; 150 watts maximum
Sensitivity (2.83V/1m)	90dB
Mounting Technology	1-stage, 4 x RotoLock® Clamps
Dimensions (DxHxD)	8.25" x 3.8" (210mm x 96.4mm)
Shipping Weight	10 lbs. (4.5kg)



## VXQ88R

Tweeter	1" (25mm) four titanium domes, Ferrofluid-cooled, acoustic back chamber
Woofer	8" (203mm) Aluminum cone, Santoprene surround
Dispersion Technology	Quadrattech Tweeter with Cymatic Diffuser
Frequency Response (+/- 3dB)	30Hz - 20kHz
Impedance	8 ohms nominal; 6 ohms minimum
Power Handling (RMS)	5 watts minimum; 175 watts maximum
Sensitivity (2.83V/1m)	91dB
Mounting Technology	1-stage, 6 x RotoLock® Clamps
Dimensions (DxHxD)	10.125" x 3.78" (257mm x 96.1mm)
Shipping Weight	20 lbs. (9kg)



# VXQ IN-WALL RECTANGLE SPEAKERS

## VXQ48

Tweeter	0.50" (12mm) Four titanium domes, Ferrofluid-cooled, acoustic back chamber
Woofer	4.5" (114mm) Aluminum cone, Santoprene surround
Dispersion Technology	Quadrattech Tweeter with Cymatic Diffuser
Frequency Response (+/- 3dB)	50Hz - 20kHz
Impedance	8 ohms nominal; 6 ohms minimum
Power Handling (RMS)	5 watts minimum; 100 watts maximum
Sensitivity (2.83V/1m)	90dB
Mounting Technology	1-stage, 4 x RotoLock® Clamps
Dimensions (WxHxD)	4.625" x 8" x 2.77" (117mm x 203mm x 70.5mm)
Shipping Weight	6 lbs. (2.8kg)



## VXQ68

Tweeter	0.75" (19mm) four titanium domes, Ferrofluid-cooled, acoustic back chamber
Woofer	6.5" (165mm) Aluminum cone, Santoprene surround
Dispersion Technology	Quadrattech Tweeter with Cymatic Diffuser
Frequency Response (+/- 3dB)	40Hz - 20kHz
Impedance	8 ohms nominal; 6 ohms minimum
Power Handling (RMS)	5 watts minimum; 150 watts maximum
Sensitivity (2.83V/1m)	90dB
Mounting Technology	1-stage, 4 x RotoLock® Clamps
Dimensions (WxHxD)	6.9375" x 10.75" x 3.34" (176mm x 273mm x 84.9mm)
Shipping Weight	10 lbs. (4.5kg)



## VXQ88

Tweeter	1" (25mm) four titanium domes, Ferrofluid-cooled, acoustic back chamber
Woofer	8" (203mm) Aluminum cone, Santoprene surround
Dispersion Technology	Quadrattech Tweeter with Cymatic Diffuser
Frequency Response (+/- 3dB)	30Hz - 20kHz
Impedance	8 ohms nominal; 6 ohms minimum
Power Handling (RMS)	5 watts minimum; 175 watts maximum
Sensitivity (2.83V/1m)	91dB
Mounting Technology	1-stage, 6 x RotoLock® Clamps
Dimensions (WxHxD)	8.5" x 14.5" x 3.48" (216mm x 368mm x 88.5mm)
Shipping Weight	20 lbs. (9kg)





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