



IN-CEILING SERIES

OVERVIEW

Expanding on a proven format, the Explorer Collection benefits from advanced technologies that our engineers have utilized in numerous loudspeaker designs. These loudspeakers are complete updates to our award-winning Director & Composer Collections. Designed for saltwater and sea spray from the beginning, these speakers will hold up in wet rooms, water-front patios, and of course luxury sea-craft.

PRODUCT ID



D105EX



DBA10EX SUBWOOFER



D85EX



D83EX



D83AEX



D83DT/SUR EX



D65EX

COASTAL LOUDSPEAKERS

Origin Acoustics' Explorer Collection offers a musical experience that is unparalleled in premium installations. Due to Origin Acoustics' dedication to not only sound reproduction but to functionality and aesthetics, there is no better choice for your yacht or water-front property.

Our loudspeakers disappear into their surroundings while maintaining a maritime weatherproof seal on your bulkheads and ceilings. Coupled with our DSP amplifiers and expert installation, the Explorer Collection delivers a first-class audio adventure.



MARINE LOUDSPEAKERS

TRI-LINEAR CONFIGURATION®



We've built an authentic three-way loudspeaker for in-ceiling applications. The transducers are stacked linearly for precise imaging and elegantly hinged for an extended pivot. Perfect for creating lifelike sound stages from above.

MULTI-MOTION™ TWEETER



The secret of Origin Acoustics' superior sound staging is our patented MMP™ technology. All of our five series and above loudspeakers can pivot up to thirty-degrees. So regardless of placement restrictions, you can direct the sound right to the listener.

VARIABLE DEPTH ABSORPTION LAYER®



Surrounding the interior baffle is a precisely molded rubberized insert. Its purpose is to absorb errant frequencies that cause phase distortion. This design enhancement ensures that our long-throw woofers and DPSD™ tweeters are used to their full capabilities.

COMPRESSION MOLDED BASKETS



Using time tested and true technique of compression molding, we designed and produced woofer baskets that are both highly stable and acoustically neutral. The result is a reduction in distortion without coloration from the basket itself.



MARINE LOUDSPEAKERS

X-WAVE™ WOOFER SURROUND



When a speaker cone reaches its limit of movement and comes to a hard stop, unwanted waves ripple up and down the cone. Our X-Wave Woofer Surround progressively absorbs that impact, prevented unwanted sonic distortion, and improving overall fidelity.

DPSD™ TWEETER



This patented tweeter design that improves high-frequency performance, and that prevents distortion and increases loudness. This secondary stabilization allows the driver to be crossed over at a much lower frequency resulting in improved dispersion and decreased distortion.

MOUNTS IN CEILINGS
UP TO 4" THICK.

TOOL-LESS MOUNTING SYSTEM



The Spring-Lock™ mounting dogs are spring loaded and require only a twist with a thumbnail to have them snap easily and securely into place.

MAGNETIC GRILLE



A paintable, perforated grille with a micro bezel covers the entire speaker assembly and leaves a discreet finished appearance. Its magnetic attachment makes removing or replacing the grille fast and easy.

MARINE LOUDSPEAKERS



PREMIUM MATERIALS



Pre-stressed woven Kevlar® woofers, compression molded baskets, X-Wave™ Rubber Surround, DPSD™, Tool-Less Installation, and Low Profile Grilles – The Explorer Collection has all of the elements of the award-winning Director Collection.

WEATHER PROOF



With an IPX6 rating, the entire Explorer Collection is ready for installation into a wet environment. This rating ensures that your loudspeakers are safe from the corrosion and internal damage commonly posed by exposure to moisture.





MARINE LOUDSPEAKERS

SPECIFICATIONS	D105EX	DBA10EX SUBWOOFER	D85EX
Part	SCD100500EX	DBA1000EX	SCD85000EX
Woofers	10" (254mm) IMG	10" (254mm) Glass Fiber	8" IMG
Midrange	4" (100mm) Graphite Pivoting	-	4" IMG MMP
Tweeter	0.75" (19mm) Aluminum	-	1" (25mm) Aluminum MMP
Frequency Response	28 Hz - 20 kHz	35Hz - 200Hz	36Hz-20kHz
Power RMS	50 Watts	50 Watts	50W
Power Peak	150 Watts	150 Watts	150W
Impedance	6 ohm	6 ohm	6 ohm
Diameter	9 3/4" (247mm)	11 1/4" (286mm)	9 5/8" (244mm)
Cutout Diameter	10.375" (264mm)	10 3/8" (264 mm)	8 3/4" (222mm)
Grille Diameter	11.625" (296mm)	11 21/32" (298 mm)	10" (254mm)
Mounting Depth	6.22" (158mm)	6 7/32" (158 mm)	5 5/8" (142mm)
Recommended Amp	50 watts - 150 watts		

SPECIFICATIONS	D83EX	D83AEX	D83DT/SUR EX
Part	DSC83000EX	SCD08030AEX	SCDT83000EX
Woofers	8" IMG	8" IMG - Pre-Angled Graphite	8" IMG
Midrange	-	-	-
Tweeter	1" Aluminum MMP	1" Aluminum	Dual 1" Aluminum
Frequency Response	38Hz-20kHz	38Hz-20kHz	38Hz-20kHz
Power RMS	50W	50W	50W
Power Peak	150W	150W	150W
Impedance	6 ohm	6 ohm	6 ohm
Diameter	9 5/8" (244mm)	9 5/8" (244mm)	9 5/8" (244mm)
Cutout Diameter	8 3/4" (222mm)	8 3/4" (222mm)	8 3/4" (222mm)
Grille Diameter	10" (254mm)	10" (254mm)	10" (254mm)
Mounting Depth	4 1/2" (114mm)	4 11/16" (119mm)	4 5/16" (109mm)



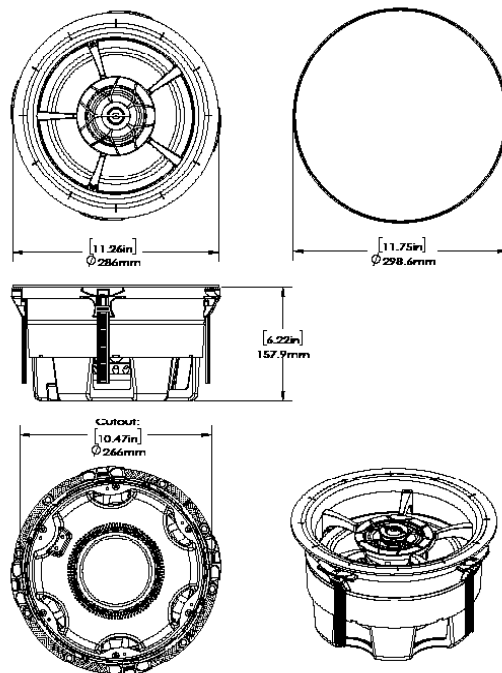
MARINE LOUDSPEAKERS

SPECIFICATIONS

D65EX

Part	SCD65000EX
Woofer	6 1/2" IMG Pivoting
Midrange	-
Tweeter	1" Aluminum MMP
Frequency Response	45Hz-20kHz
Power RMS	40W
Power Peak	150W
Impedance	6 ohm
Diameter	9 5/8" (244mm)
Cutout Diameter	8 3/4" (222mm)
Grille Diameter	10" (254mm)
Mounting Depth	5 1/2" (140mm)

LINE DRAWINGS



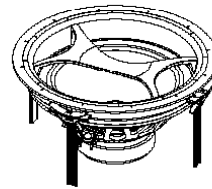
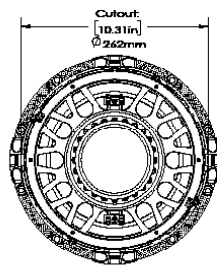
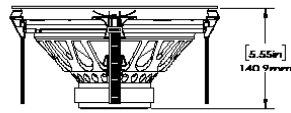
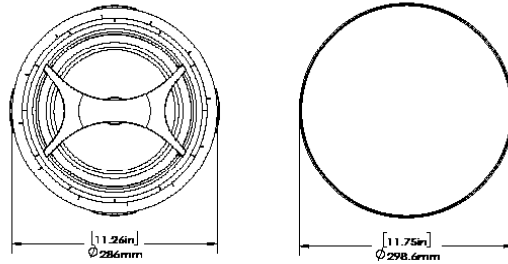
D105EX

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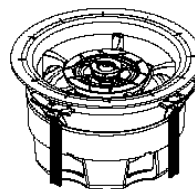
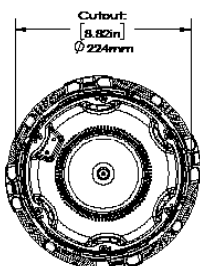
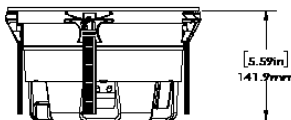
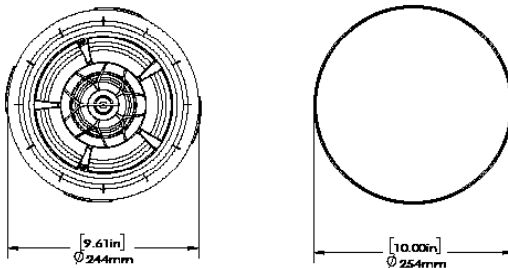


MARINE LOUDSPEAKERS

LINE DRAWINGS



DBA10EX SUBWOOFER



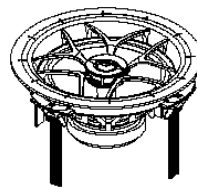
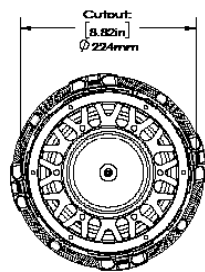
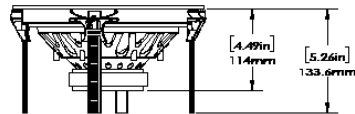
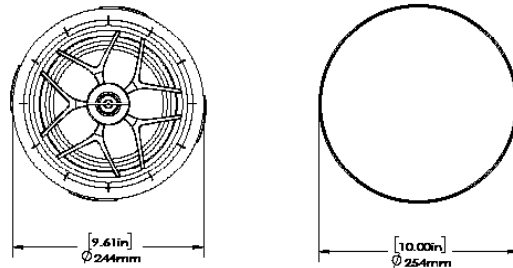
D85EX

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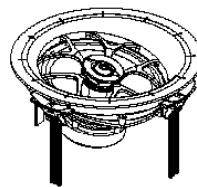
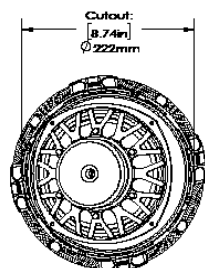
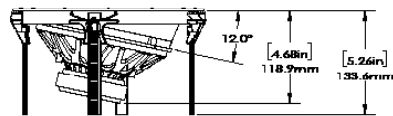
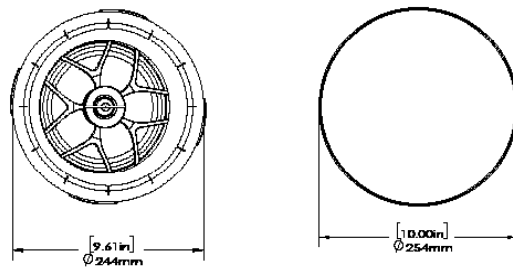


MARINE LOUDSPEAKERS

LINE DRAWINGS



D83EX



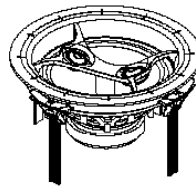
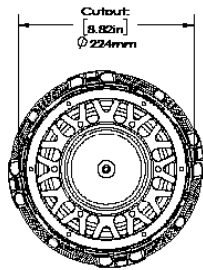
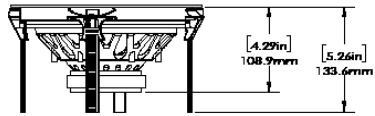
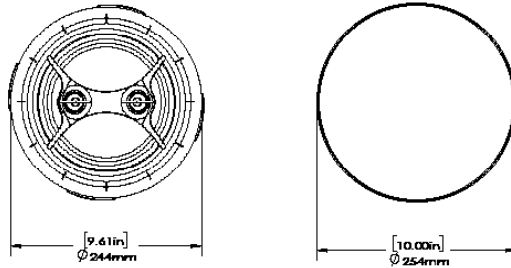
D83AEX

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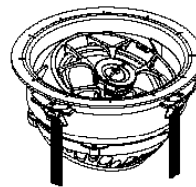
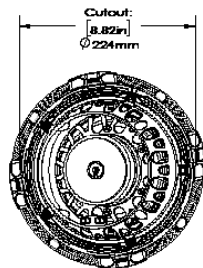
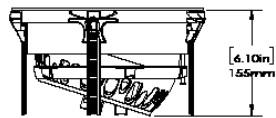
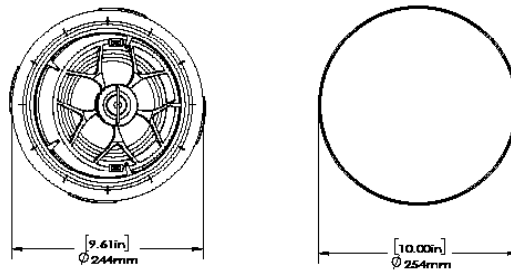


MARINE LOUDSPEAKERS

LINE DRAWINGS



D83DT/SUR EX



D65EX

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