



8" DIRECTOR MODELS

Better bass response and greater output level in the Director 80 Speakers is obvious the moment it goes active. Its most amazing feature is fitting all of this performance into a flush mount package the size of a standard 6" ceiling speaker. The Director 80 speakers is available in five performance levels and sets a new sonic standard for speakers in this diameter.



D89



D87



D85



D83



D83A



D83DT/SUR



D81-6

DETAILS MATTER

■ Director Technology

The entire speaker pivots allowing the sound to be directed toward the listening area from anywhere in the room.

■ DPSD™ Tweeter

This patented tweeter has the greatest output and is able to crossover much lower to either the woofer or the midrange improving both dispersion and the frequency response.

■ Woofer Cone Materials

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■ Compression Molded Baskets

These complex baskets that support the woofer cones were computer designed and compression molded with absolute precision allowing for unique support and venting elements to assure peak performance.

■ TriLinear® Configuration (TLC)

The three-driver design is efficient and is more precise by dividing the frequency spectrum into smaller segments allowing the individual drivers to concentrate on a more limited sonic palette.

■ Tool-Less Mounting System

The Tool-Less Installation secures the speaker in the ceiling with the exact torque to ensure a tight fit. This is accomplished by squeezing the clips into place and locking the speaker with a twist.

■ X-Wave™ Woofer Surround

This suspension element absorbs unwanted frequencies that reflect up and down the woofer cone to reduce harmonic distortion while maintaining the desired linear travel of the woofer.

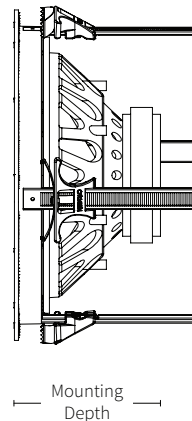
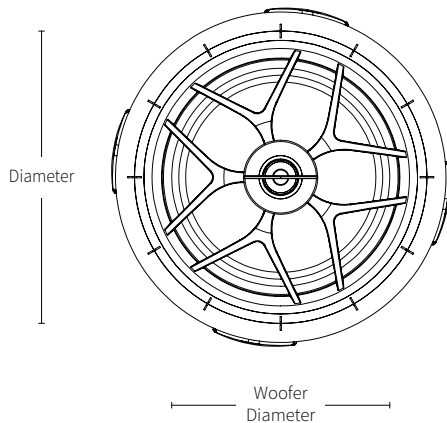
■ EQ Adjustment

These switches on the baffle allows the adjustment of the output of either the high frequencies or both high and low frequencies to custom tailor the sound based on the proximity of the architectural elements of the room.

SPECIFICATIONS

MODEL	D89	D87	D85
PART	SDC80900	SCD80700	SCD80500
Woofers	8" Kevlar®	8" Glass Fiber	8" IMG
Midrange	4" Kevlar®	4" Glass Fiber	4" IMG
Tweeter	¾" Silk DPSD™	¾" Silk DPSD™ MMP	¾" Silk DPSD™ MMP
Frequency Response	30Hz-20kHz	34Hz-20kHz	36Hz-20kHz
Power Handling	50-200 Watts	50-175 Watts	50-150 Watts
Impedance	6 ohm	6 ohm	6 ohm
Diameter	9 ⅝" (244mm)	9 ⅝" (244mm)	9 ⅝" (244mm)
Cutout Diameter	8 ¾" (222mm)	8 ¾" (222mm)	8 ¾" (222mm)
Grille Diameter	10" (254mm)	10" (254mm)	10" (254mm)
Mounting Depth	5 1/32" (142mm)	5 1/32" (142mm)	5 1/32" (142mm)

MODEL	D83	D83A	D83DT/SUR	D81-6
PART	SDC80300	SCD8030A	SCD2T80300	SCD80100
Woofers	8" IMG	8" IMG - Fixed Angle	8" IMG	8" Poly/Rubber
Tweeter	1" Aluminum	1" Aluminum	Dual 1" Aluminum	1" Silk
Frequency Response	38Hz-20kHz	38Hz-20kHz	38Hz-20kHz	38Hz-20kHz
Power Handling	50-125 Watts	50-125 Watts	50-125 Watts	50-125 Watts
Impedance	6 ohm	6 ohm	6 ohm	6 ohm
Diameter	9 ⅝" (244mm)	9 ⅝" (244mm)	9 ⅝" (244mm)	9 ⅝" (244mm)
Cutout Diameter	8 ¾" (222mm)	8 ¾" (222mm)	8 ¾" (222mm)	8 ¾" (222mm)
Grille Diameter	10" (254mm)	10" (254mm)	10" (254mm)	10" (254mm)
Mounting Depth	4 1/8" (105mm)	4 1/16" (119mm)	4 3/32" (109mm)	4" (99mm)



*Not to Scale