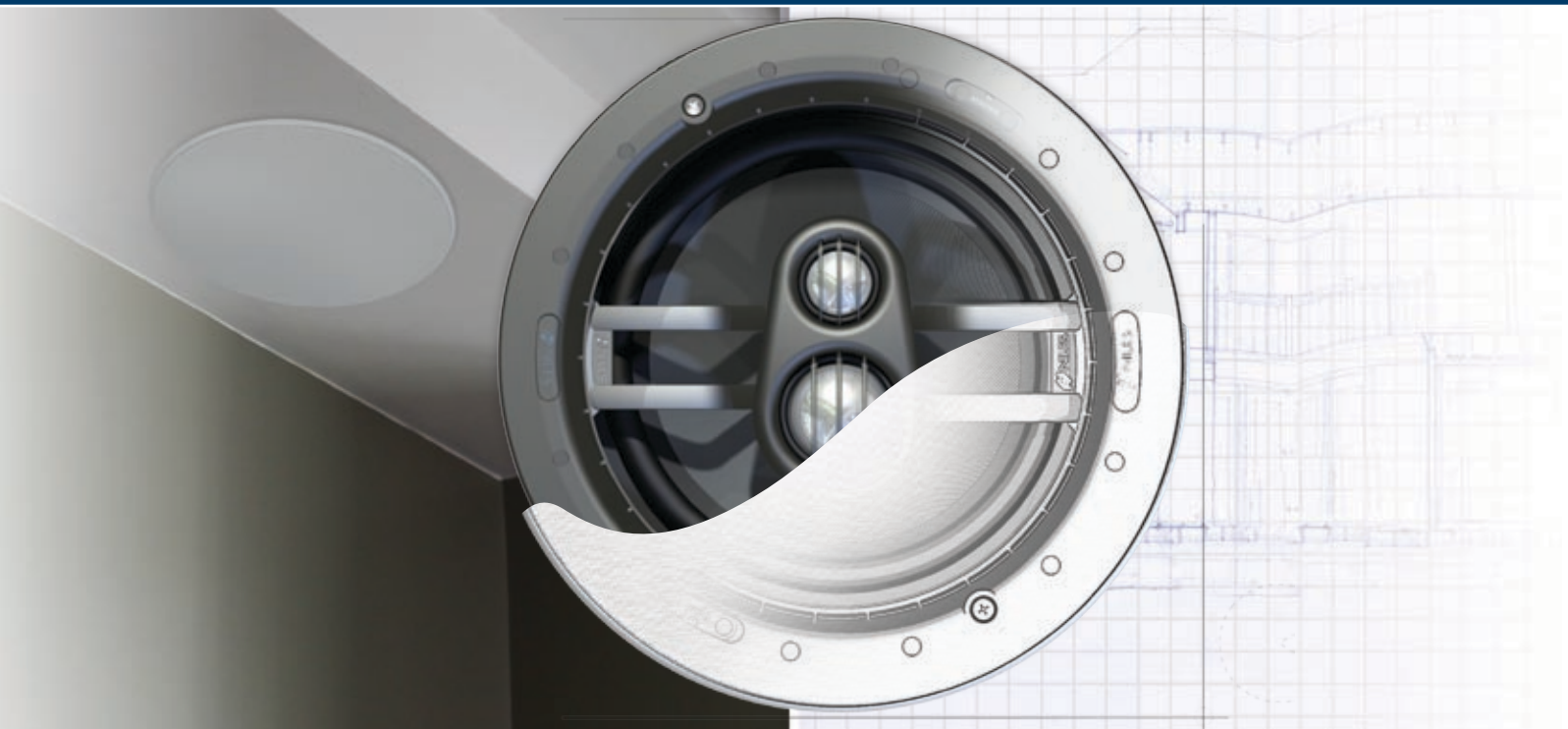




Designer Aesthetics  
Audiophile Performance  
Installation Ease

## HIGH DEFINITION LOUDSPEAKER SPECIFICATIONS SHEET



# DS8HD

8" LEFT/CENTER/RIGHT  
DIRECTED SOUNDFIELD LOUDSPEAKER



High-Definition loudspeakers are optimal for advanced home theaters and primary listening rooms. Proprietary IMPACT (Improved Aluminum Ceramic Technology) woofer cone, midrange, and tweeter provide the ultimate in performance and musicality.

### FEATURES AND BENEFITS

- **Designer Aesthetics** Magnetically attached MicroThin™ speaker grilles ensure a clean, virtually invisible appearance that blends with the room's aesthetics. Optional square grilles provide added design flexibility.
- **Superior Sound Quality** Patented Directed Soundfield™ technology directs the sound to the listening area for optimum sound quality. New patent-pending pivot mechanism adjusts smoothly and holds the loudspeaker woofer securely in position.
- **Installation Ease** Three patent-pending spring-tensioned mounting clamps permit quick installation and compensate for uneven mounting surfaces and varied environmental conditions. Weather-resistant construction enables installation in moist areas, such as bathrooms or outdoors under eaves.
- **Install With Confidence** The best-built loudspeakers deserve the best protection—the Niles Lifetime Limited Warranty.

# DS8HD

## 8" Left/Center/Right Directed Soundfield™ Loudspeaker

For advanced home theaters and primary listening rooms



Packaged Individually with Round MicroThin™ Grille

Stock Number

FG01623

### FEATURES

- Patented Directed Soundfield technology\* with new patent-pending pivot mechanism directs the sound to the optimum listening area
- 8" IMPACT (Improved Aluminum Ceramic Technology) woofer cone with curvilinear profile and extended pole provides natural, flat response
- 1-1/2" nano-coated IMPACT dome midrange provides ultra-resolution midrange frequencies
- 1" nano-coated IMPACT dome tweeter utilizes a vapor deposited coating to move any ringing frequencies outside the range of hearing for ultra-detailed high frequencies
- Zero-diffraction tweeter assembly pivots up to 15° (30° when the woofer is in its maximum position) for precise aiming of high frequencies to the listening area
- Kapton non-conductive voice coil former and copper shorting caps combine to lower distortion and increase high frequency sound pressure levels
- Magnetically attached, rust-resistant grille covers install quickly and provide a low profile look
- Integrated baffle/frame assembly increases the cone area for deeper bass than competitive speakers of the same diameter
- Dialog switch enhances vocal presence when used as the center channel in a home theater
- Tweeter level switch enables precise adjustments to match room acoustics
- Patent-pending spring tensioned mounting clamps permit quick installation and compensate for uneven mounting surfaces and varied environmental conditions
- Weather-resistant construction enables installation in wet environments and outdoors under eaves
- Optional rear wave enclosure is precisely shaped for predictable sound performance and to eliminate unwanted sound from bleeding into adjacent rooms or spaces

### SPECIFICATIONS

- Recommended amplifier power: 10 - 160 watts
- Impedance: 8 ohm nominal; 6 ohm minimum
- Frequency response: 48 Hz to 21 kHz +/- -3 dB
- Voice coil size: 1-1/4"

### DIMENSIONS

- Frame dimensions (with grille): 11-1/4" (28.52 cm) diameter
- Hole cutout dimensions: 9-3/4" (24.76 cm) diameter
- Depth behind ceiling (5/8" drywall): 5-5/16" (13.6 cm)

**WARRANTY:** Lifetime Limited



\*US Patent 6,070,694

RELATED PRODUCTS	
	<b>RWE8C</b> 8" Rear Wave Enclosure Stock Number: FG01644
	<b>SG8C</b> 8" Square Loudspeaker Grille Stock Number: FG01646
	<b>NCB8C</b> 8" New Construction Bracket Stock Number: FG01648



Directed Soundfield™ technology with a new patent-pending pivot mechanism directs the sound to ensure the best possible listening experience.



BLENDING HIGH FIDELITY AND ARCHITECTURE®

