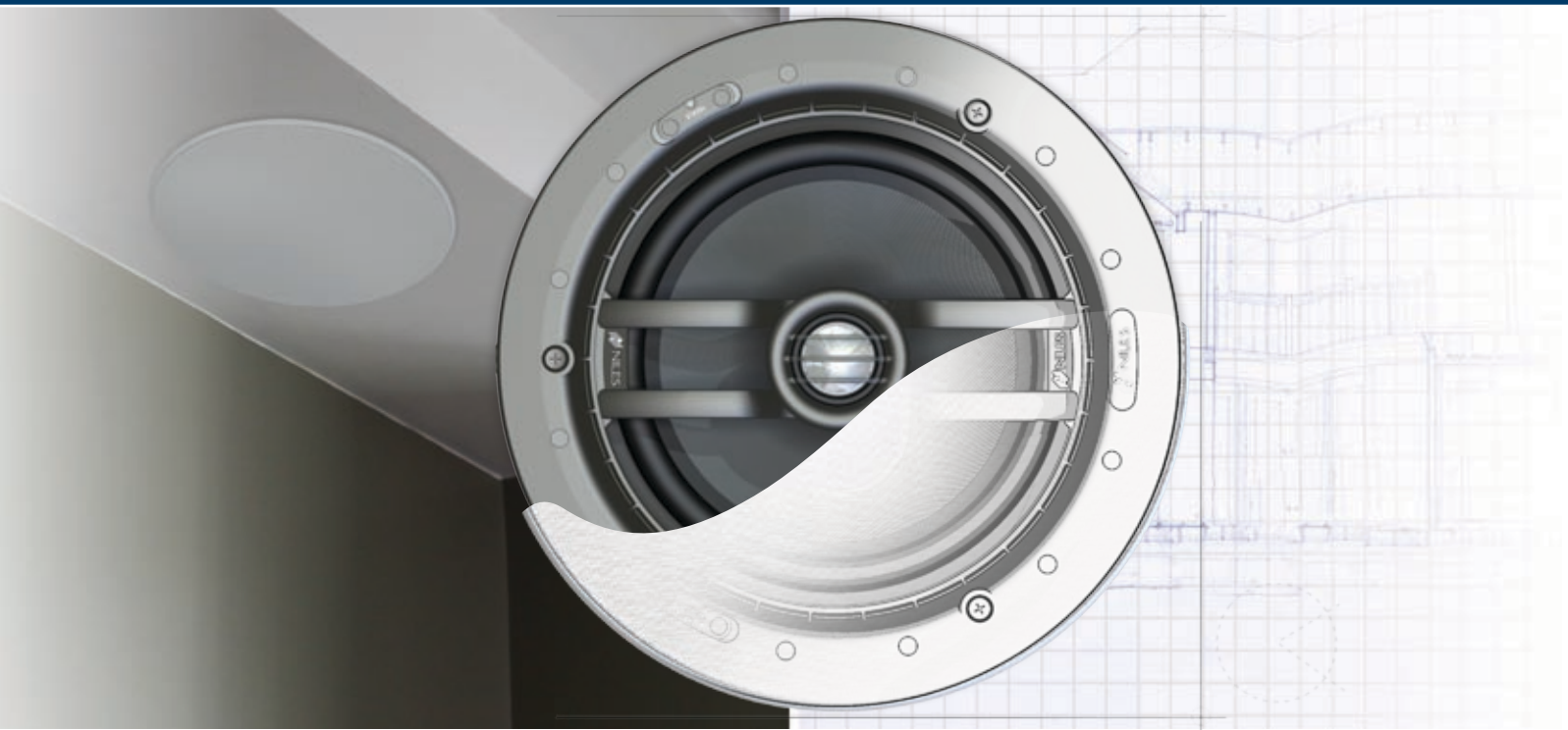




Designer Aesthetics  
Audiophile Performance  
Installation Ease

## HIGH DEFINITION LOUDSPEAKER SPECIFICATIONS SHEET



# DS7HD

7" 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 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.

# DS7HD

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

For advanced home theaters and primary listening rooms



Packaged Individually with Round MicroThin™ Grille

Stock Number

FG01621

### FEATURES

- Patented Directed Soundfield technology\* with new patent-pending pivot mechanism directs the sound to the optimum listening area
- 7" IMPACT (Improved Aluminum Ceramic Technology) woofer cone with curvilinear profile and extended pole provides natural, flat response
- 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 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 provides predictable sound performance and eliminates 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): 9-7/8" (25.15 cm) diameter
- Hole cutout dimensions: 8-1/2" (21.60 cm) diameter
- Depth behind ceiling (5/8" drywall): 5-5/16" (13.6 cm)

**WARRANTY:** Lifetime Limited

\*US Patent 6,070,694



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®

