

# Snell

## AMC680 FLUSH-MOUNT SPEAKER

NEW PRODUCT!

### COMPACT FLUSH-MOUNT SPEAKER PERFECT FOR CEILING AND WALLS

A round flush-mount speaker can give the maximum performance in the smallest space. Its shape is ideal for ceiling mounting, and matching the shape of round light fixtures. Yet many round speakers are designed to the lowest standards of performance allowable. Not so with the Snell AMC680r. The AMC680r utilizes our "Directed Power" tweeter, a custom waveguide, that gives the sound of a large full-range speaker. This design feature alone surpasses all other round flush-mount speakers. The "Directed Power" tweeter gives near constant beamwidth over a much wider range of frequencies than "pivoting eye socket" tweeters. By aiming it at a 20 degree angle we can direct the energy toward the listening position and assure clarity and imaging that is remarkable for an in-ceiling speaker. Alternatively, when used as a surround speaker the system can be aimed away from listeners so that energy bounces off of adjacent wall surfaces to give a desirable increase in diffusion. The large area of this waveguide also reduces rearward bounce off of the woofer cone for a much smoother tweeter response allowing a lower crossover point.

The crossover network used with the AMC680r is much more complex than in competitive models for highest possible performance. As with every Snell speaker, the AMC680r is hand tuned by our technicians to ensure that each pair sounds as well balanced and detailed as our design engineers intended.



### SPECIFICATIONS

**Frequency Response**  
60–20Hz(±3dB)

**Frequency Range**  
50–22Hz(-6dB)

**Recommended  
Amplifier Power**  
15–85 watts

**Nominal Impedance**  
8 ohms

**Sensitivity**  
[1 watt (2.83v)  
at 1m]  
89dB SPL

**Tweeter**  
3/4" (19mm) ferrofluid-cooled  
titanium dome  
with neodymium magnet structure.

**Bass Unit**  
8"(210mm)woofer with  
polypropylenecone and  
NBR rubber surround.

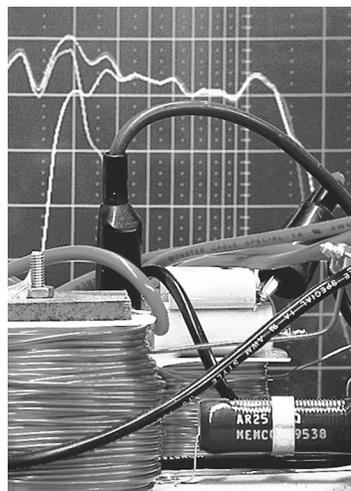
**Grille**  
Perforated steel; 0.02" (0.5mm)  
thick; painted  
white.

**Dimensions**  
**Overall Diameter**  
10-7/8" (276mm)

**Mounting Hole Diameter**  
9-3/4" (248mm)

**Weight/Each**  
4 lbs (1.8 kg)

**Finish**  
White (paintable).



### Hand Tuning

Our technicians rigorously match our systems to within ±0.5dB of the Master Reference

# Snell

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