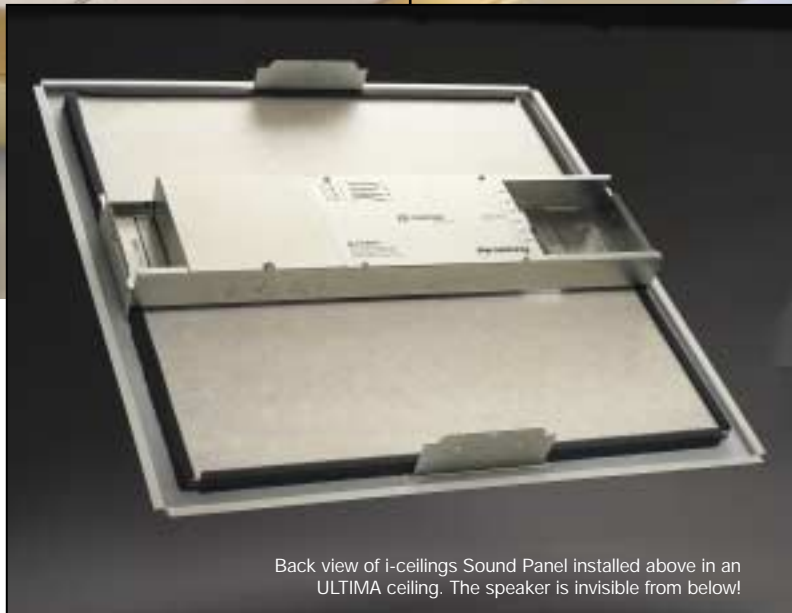




Sound Systems
Sound Panel



Integrating Ceilings and Sound Systems

Ceiling panel speakers deliver sound masking, paging and background music.

i-ceilings sound panels coordinate with Armstrong's most popular ceiling patterns.

For the most up-to-date information, refer to the commercial ceilings Web site at www.armstrong.com.

Back view of i-ceilings Sound Panel installed above in an ULTIMA ceiling. The speaker is invisible from below!



Key Selection Attributes

- Enhances speech privacy, comfort and workplace effectiveness
- Available to coordinate with Armstrong's most popular ceiling patterns
- Refer to Armstrong Mineral Fiber and Fiberglass ceiling product pages to select compatible ceiling panels

Typical Applications

- Office
- Healthcare
- Retail
- Hospitality

Product Features

Superior Aesthetics

- Provides improved aesthetics over conventional, visible speakers
- Coordinates visually with the rest of the ceiling

Predictable Performance

- When integrated with Armstrong high-performance acoustical ceilings and the rest of the i-ceilings sound system, can deliver a predictable level of speech privacy

Flexibility and Value

- Delivers masking, paging and background music, eliminating redundant systems
- Compatible with standard commercial sound systems
- Quick, easy and less expensive to install and/or relocate
- Lays into grid like standard 2' x 2' ceiling panels
- Low profile and location in the ceiling plane reduce plenum conflicts
- Eliminates need for return air attenuators in sound masking applications

Acoustic Performance Features

- Superior combined performance for masking, paging and background music
- High speech intelligibility over large areas
- Patent-pending omni-directional speaker design delivers more uniform sound for broader coverage
- Low transducer self-noise
- Variable wattage tap for localized volume control

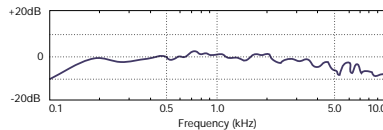
Visual Selection and How to Specify and Order

Pattern	Grid Face & Edge Profile	Item Number	Pattern	Grid Face & Edge Profile	Item Number	Pattern	Grid Face & Edge Profile	Item Number
OPTIMA / ULTIMA	15/16" Square Lay-In	6700	FINE FISSURED	15/16" Square Lay-In	6705	CORTEGA	15/16" Square Lay-In	6709
	15/16" Tegular	6702		15/16" Tegular	6706		15/16" Tegular	6710
	9/16" Tegular	6703		9/16" Tegular	6707		9/16" Tegular	6711

Speaker Data

Typical Frequency Response

- +/- 6 dB from 100 Hz to 10 kHz
- +/- 3 dB from 120 Hz to 5 kHz



Sensitivity

83 dB @ 1 watt, 1 meter

Taps

70V: 1/4, 1/2, 1, 2, 4, and 8 watts

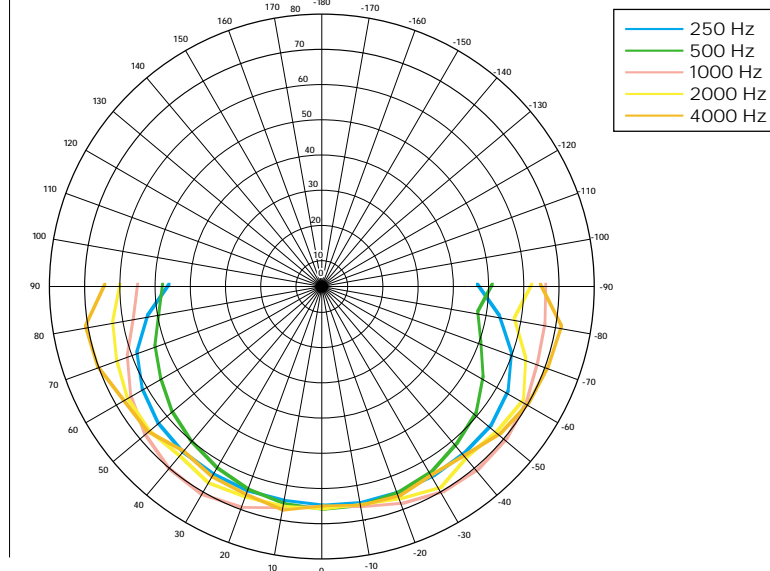
Exciters

2

Power Capacity

8 watts per unit continuous pink noise

Polar Plot



Data/Specifications

Material

Steel Frame, Specially Designed Honeycomb Core, Glass Scrim Facing

Dimensions

23.75" x 23.75" x 2.5" (60.3 cm x 60.3 cm x 6.4 cm)

Panel Weight

6.25 lbs (2.85 kg) per panel

Shipping Weight

16.5 lbs (7.5 kg) per 2-panel carton

Packaging

Meets ASTM D-4169

Fire Rating

Meets UL 2043

Warranty

Three-year limited warranty on materials and workmanship from date of manufacture

Patents pending.
Features and specifications subject to change without notice.

TechLine™ / 1-877-ARMSTRONG
1-877-276-7876

www.armstrong.com
CS-3282-1201E