

ONISIA™

CONCEALED SOUND SOLUTIONS

Concealed Flat Panel Speakers



Invisible never sounded so good.™



Music to your ears


With Onsia, balanced full-bodied sound fills an entire room with warm, smooth harmony.



Invisible to your eyes

No grates, grills or covers. Our speakers blend invisibly into your space.

Conceal your speakers. Reveal your style. Now you're free to decorate around your creativity, not around your speakers.



Invisible never sounded so good

Surround yourself in amazing sound, not speakers. Introducing Onsia—the first truly concealed flat panel speaker that blends invisibly into any home or office. The remarkable performance and phenomenally rich sound are the only things that will remind you that they're there.



Conceal your speakers. Reveal your style.

The totally unseen *In-Wall*, *In-Ceiling* and *In-Frame* speakers produce high-definition sound with no visual interference to room aesthetics. Onsia gives you the freedom to reveal your personal style and decorate your living space exactly as you wish, without unsightly speakers in the way. Plus, your room will appear more organized, more welcoming...more like you've always dreamed.



Above, speakers clutter the wall. At left, Onsia transforms clutter into clarity

Whether for new construction, renovations or additions, Onsia's innovative sound solutions add a note of class and distinction to every interior. You can now design a space that's not only beautiful, but comfortable and functional as well.

How it works

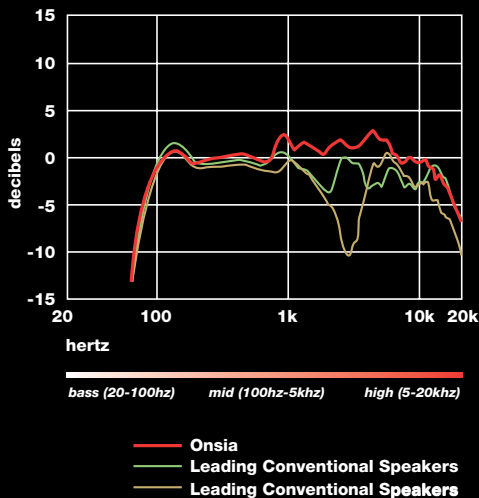
We have integrated material science and NXT™ transducer technology to create a one-of-a-kind, lightweight, flat panel speaker that delivers rich, acoustic sound. This technology produces sound waves through the electronic excitement of a flat panel, creating hundreds of simultaneous, microscopic vibrations instead of traditional piston-like pulses from conventional speakers. The result? Superior, full-bodied sound that evenly and brilliantly fills every inch of a room.

Imagine the possibilities...create rich stereo sound with two speakers, or full surround sound with five. Two speakers will provide full-range stereo in a 400 square foot room. Five speakers and a separate subwoofer are required for 5.1 surround sound.



(pictured: In-Wall back and front view)

Onsia's frequency response as compared to leading national-brand loudspeakers



The Onsia Difference

Onsia is genuinely unique from all other speakers. The cutting-edge technology generates up to ten times more radiating sound than conventional speakers, and reproduces accurate high, mid and low-range sounds that meet or exceed name-brand speakers across all frequencies.

Plus:

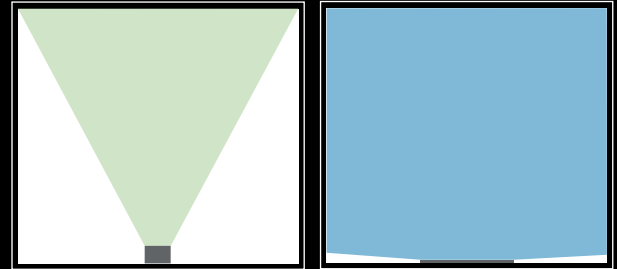
Onsia's flat panel design generates sound through the excitement of the entire panel surface, providing an exceptionally wide dispersion angle. Now you can place speakers almost anywhere and still get peak performance.

Onsia's flat panel is a much larger and diffuse sound source generating consistent yet powerful sound reproduction throughout the entire room. You can clearly hear the music, but also carry on a conversation. Think about how a concert violinist is not deafened while holding the instrument very close to the ear, yet the audience still hears the violin well.

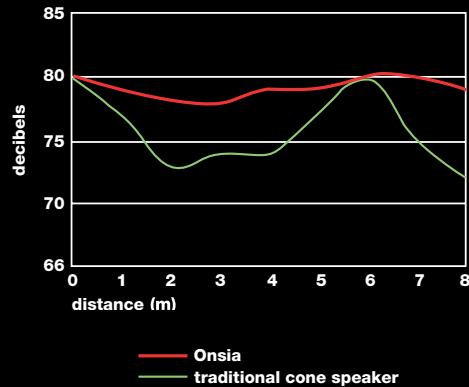
Onsia's sound waves—generated by hundreds of simultaneous nonlinear vibrations—are not susceptible to spatial interference and cancellations that are often experienced with the directional sound waves of ordinary speakers.

With Onsia, sound is produced by longitudinal waves across the entire surface of the panel with a maximum excursion of only a few microns. In turn, the phase relationship involving sound waves no longer has significance. The wave amplitude does not decay logarithmically in relation to distance from the loudspeaker, as with traditional speakers. Instead, a smooth linear decay occurs. The result is a large and consistent listening area, free of interference (see diagram "Decibel coverage over distance" at right).

Dispersion angle:
Onsia vs traditional cone speaker

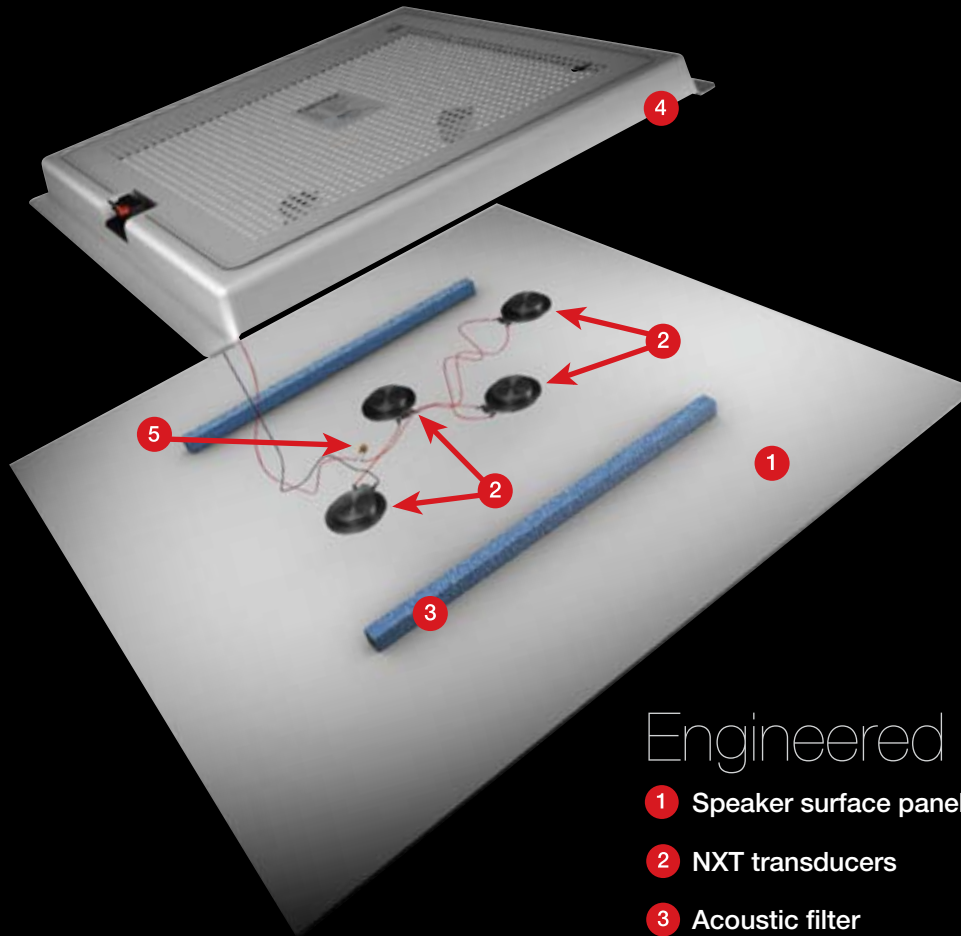


Decibel coverage over distance:
Onsia vs traditional cone speaker at 6m separation



A Sound Solution

Onsia is engineered to last. Have peace of mind knowing protective, self-resetting polyswitches are built into each speaker to eliminate “blown” speakers due to overpowering. And because Onsia emits only microscopic vibrations, it will not crack drywall when properly installed.



Engineered for Excellence

- 1 Speaker surface panel
- 2 NXT transducers
- 3 Acoustic filter
- 4 Acoustic enhancement chamber
- 5 Protective, self-resetting polyswitch
(eliminates damaged or “blown” speakers)

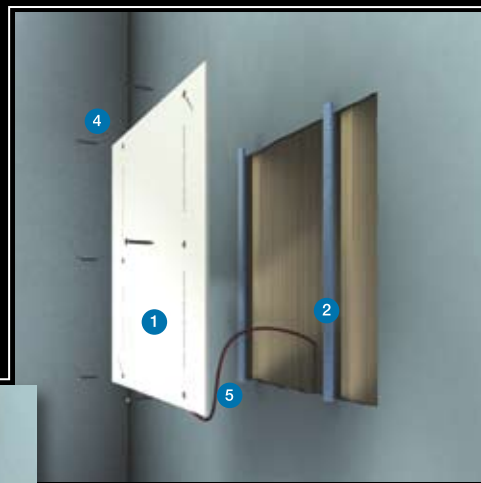
IN-WALL

Experience sound and harmony in a way you never thought possible. Ideal for remodeling and new construction, the In-Wall concealed flat panel speaker blends invisibly into any drywall surface, turning your entire wall or ceiling into a spectacular sound source.

Simply select your speaker location, remove a section of the drywall, fasten the In-Wall speaker, apply mesh, then mud and paint.

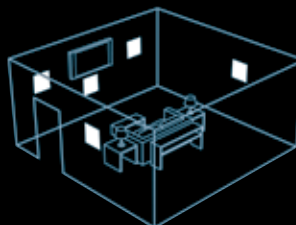
Whether it's two In-Wall panels for rich stereo sound in your kitchen, or five speakers for full surround sound in your home theater, Onsia's In-Wall speakers provide dynamic sound from speakers that are literally out of sight.

Design: Distributed Mode Loudspeaker
Diaphragm: 576 Square Inches
Frequency Range: 120hz ~ 17kHz
Crossover: 120Hz High Pass Filter (6dB/oct)
Input Power: 50w RMS/100w Peak
Protection: Self-resetting polyswitch
Sensitivity: 90dB /1w /1 meter
Impedance: 8 ohms nominal
Dispersion: 170 degrees
Warranty: Manufacturer 3 year limited warranty



In-Wall Components

- 1 In-Wall speaker
- 2 Self-adhering compression foam (accommodates varying drywall thicknesses)
- 3 Self adhering drywall mesh
- 4 Drywall screws
- 5 Speaker wire (not included)

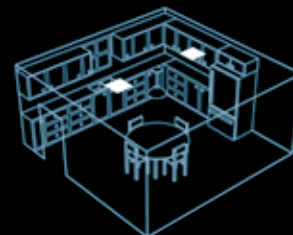


Install five or more speakers to create a surround sound system.



Install two speakers for full stereo sound.

Installation Suggestions



Speakers can be installed in drywall ceilings in any room.

IN-CEILING

Onsia goes above and beyond. The In-Ceiling concealed flat panel speaker looks like an acoustical ceiling tile and blends into any standard ceiling grid system as there are no unsightly grates or covers.

No special brackets or fittings are required. Simply route the speaker wire, connect to the In-Ceiling panel and lay into the grid system.

Ideal for a finished basement, office or commercial space, Onsia's In-Ceiling speakers provide a truly invisible sound solution.

Design: Distributed Mode Loudspeaker

Diaphragm: 576 Square Inches

Frequency Range: 50hz ~ 15kHz

Crossover: N/A

Input Power: 25w RMS/50w Peak

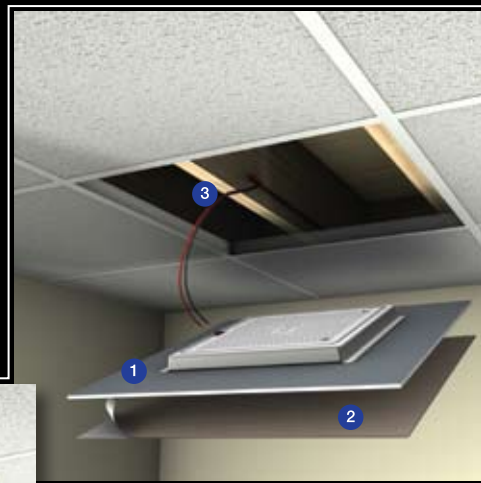
Protection: Self-resetting polyswitch

Sensitivity: 87dB /1w /1 meter

Impedance: 16 ohms nominal

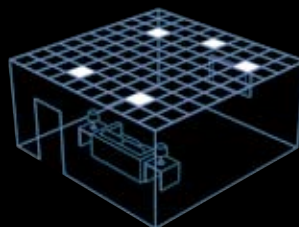
Dispersion: 170 degrees

Warranty: Manufacturer 1 year limited warranty

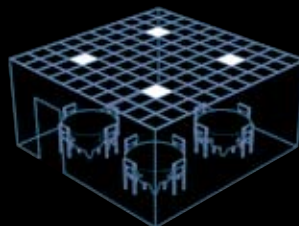


In-Ceiling Components

- 1 In-Ceiling speaker
- 2 Photo-realistic ceiling tile print with adhesive backing
- 3 Speaker wire (not included)

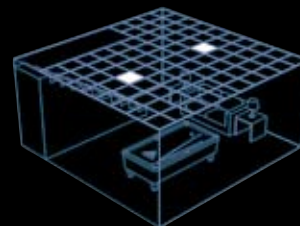


Install five or more speakers to create a surround sound system.



Install four or more speakers in larger office or commercial spaces.

Installation Suggestions



Install two speakers for full stereo sound.

IN-FRAME

Now a picture is worth a thousand *sounds*. The *In-Frame* concealed flat panel speaker transforms artwork into a one-of-a-kind sound and decorating solution. Your art, not your speakers, will be the focal point in any room.

Start by selecting the artwork, cut the speaker panel to size, apply the artwork to the panel and then frame it.

Design: Distributed Mode Loudspeaker

Diaphragm: 576 Square Inches

Frequency Range: 50hz ~ 15kHz

Crossover: N/A

Input Power: 25w RMS/50w Peak

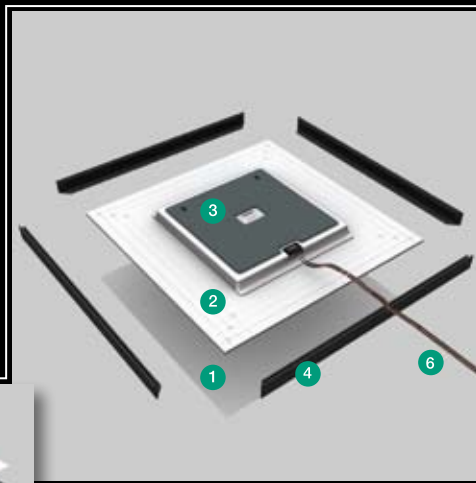
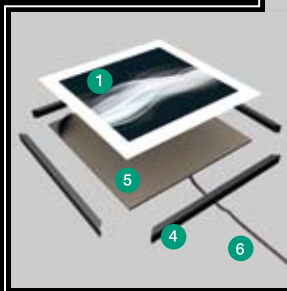
Protection: Self-resetting polyswitch

Sensitivity: 87dB /1w /1 meter

Impedance: 16 ohms nominal

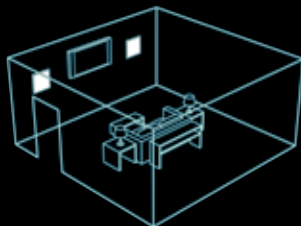
Dispersion: 170 degrees

Warranty: Manufacturer 1 year limited warranty



In-Frame Components

- 1 Artwork (not included)
- 2 In-Frame speaker
- 3 Acoustic decoupler panel (pre-applied to speaker)
- 4 Choose your own frame (optional edge trim included)
- 5 Adhesive mounting surface
- 6 Onsia Flat-Wire (concealed, self-adhesive speaker wire sold separately)

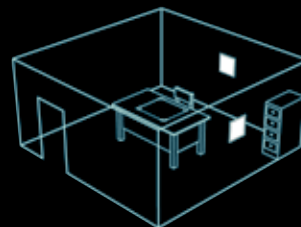


Enhance the sound and appearance of your flat panel TV.



Install two speakers for full stereo sound.

Installation Suggestions



Install two or more speakers for full stereo sound anywhere in your office.



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ACP #O86-99 (031308)