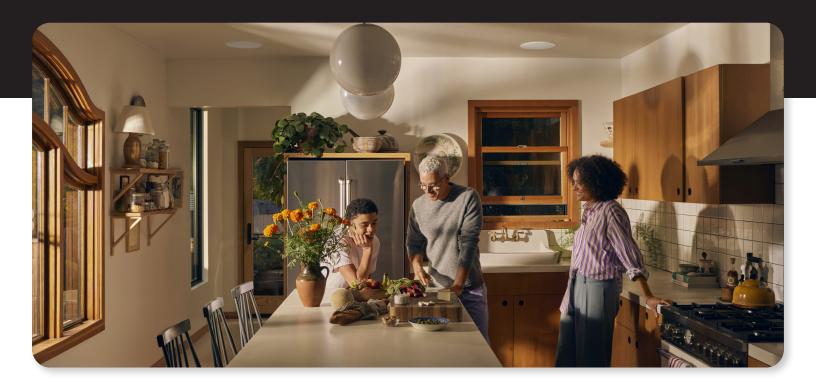
Architectural Solution Guide

SONOS

Installed solutions from the leader in whole-home audio



Sonos leads the industry in smart whole-home sound

Since 2002, our name has been synonymous with audio expertise and great design. With an ecosystem that encompasses everything from compact smart speakers and soundbars to amplifiers, Sonos makes it easy to create a custom solution for every space. It's all managed with the Sonos app, which brings together content streaming, control, and system optimization in a single platform.

With Sonos, experience stunning sound in any room or every room: Play a movie in the den, queue up a podcast in the kitchen, or immerse an entire home in music, indoors and out. Our solutions fit all the places and ways you love to listen.

Bespoke systems for discerning designers

The Sonos Architectural speaker line invites you to bring premium sound to every space in the home. Designed and tuned by Sonos and custom-built by Sonance, these speakers offer natural, room-filling sound with discreet installation.

Engineered for effortless setup and operation, Sonos Architectural gives you maximum flexibility to build a turnkey system from the ground up, expand an existing sound system, or integrate Sonos speakers into third-party smart home platforms.

High-performance sound meets low-key design

When paired with Sonos Amp, Sonos Architectural speakers combine the aesthetics of installed solutions with superior fidelity and the convenience of wireless control. Whether your inspiration is the cinema or the concert stage, create a clutter-free, multidimensional listening experience with sleek speakers that seamlessly blend with any décor, thanks to low-profile, paintable magnetic grilles with subtle microperforation patterns. Install speakers in minutes with integral Roto-Lock® systems that allow quick mounting directly into existing ceilings and walls.

Whether in a single room or an entire household, Sonos Amp unlocks the full capability of Sonos architectural speakers to deliver a seamless audio experience that redefines the possibilities of home entertainment.



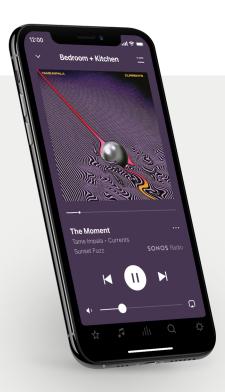
Sonos Amp: With great power comes great performance

Power Sonos Architectural speakers and maximize system performance with this WiFi-enabled amplifier.

A single two-channel Sonos Amp powers up to three pairs of Sonos Architectural speakers and controls one stream and volume level. Create a unique audio zone with each Amp. Zones can be grouped together or independently operated.

Sonos Architectural speakers unlock Sonos Amp's full potential in a variety of ways: When "Detect Sonos Architectural" is selected in the app, Amp recognizes Sonos passive speakers and applies custom tuning and DSP to provide more robust sound with a more even frequency response, optimizing system performance and ensuring stable operation. When powering a set of like Sonos In-Ceiling or In-Wall speakers, Detect also enables Trueplay™ tuning technology, which uses the microphone on an iOS device to analyze the unique acoustics of a listening space and tune the speakers for the best sound. Additional adjustments can be made using the EQ settings in the Sonos app.





The Sonos app: Curation and control

The Sonos app, available for all smart phones and tablets, provides music streaming control and system management together in one place. Sonos supports more than 100 streaming services, including Spotify, Amazon Music, Pandora, Apple Music, TIDAL, and Sonos Radio, available in free and premium tiers.

Use the app to play content and manage a Sonos system from any room: Adjust volume, create speaker groups and room zones, and customize settings.





8" In-Ceiling Speaker

This two-way speaker features an 8" polypropylene woofer and 1.2" tweeter for expansive sound with crisp, natural highs, smooth mids, and extended lows. A newly designed, high-excursion motor produces powerful output and deep, defined bass, and an optimized waveguide delivers uniform, controlled dispersion for a seamless soundstage.

- Frequency response (No DSP): 41Hz 20kHz (±3dB)
- Sensitivity: 90 dB (2.83V/1m)
- Impedance: 8Ω nominal
- · Power rating: 160W
- Mounting depth: 5.32 in / 135 mm
- · Color: White magnetic steel grille can be painted to match any color
- · Other: Compatible with Trueplay*



6" In-Ceiling Speaker

A versatile overhead solution for small to medium-sized spaces, this compact two-way speaker features a 6.5" polypropylene woofer and 1" cloth tweeter for focused coverage and clear, full-range sound with bass extension to 44 Hz.

- Frequency response (No DSP): 44Hz 20kHz (±3dB)
- Sensitivity: 89 dB (2.83V/1m)
- Impedance: 8Ω nominal
- Power rating: 130W
- Mounting depth: 4.76 in / 121 mm
- · Color: White magnetic steel grille can be painted to match any color
- · Other: Compatible with Trueplay*



In-Wall Speaker

Bring immersive, cinematic sound to home theaters, entertainment spaces, and living areas with this sleek speaker that disappears into any décor. The In-Wall shares the same 6.5" woofer and 1" tweeter as the 6" In-Ceiling model, providing a similar acoustic experience. Whether in your wall or your ceiling, these speakers produce smooth mids, rich bass, and crystal-clear highs anywhere you want them.

- Frequency response (No DSP): 35Hz 20kHz (±3dB)
- Sensitivity: 89 dB (2.83V/1m)
- Impedance: 8Ω nominal
- · Power rating: 130W
- Mounting depth: 3.5 in / 89 mm
- Color: White magnetic steel grille can be painted to match any color
- Other: Compatible with Trueplay*





Whether in your home or on your patio, these surface-mount speakers withstand water, UV rays, and extreme temperatures. Inside, a 1" tweeter and 6.5" woofer for clear, expansive sound. Included FastMount brackets allow installation on brick or masonry surfaces. Mix and match with Sonos In-Ceiling and In-Wall speakers for seamless sound inside and outside the home.

• Frequency response (No DSP): 55Hz - 20kHz (±3dB)

 Sensitivity: 89 dB (2.83V/1m) Impedance: 8Ω nominal Power handling: 130W

· Ingress protection rating: IP66



Arc O



Our flagship Dolby Atmos-enabled powered soundbar delivers immersive sound for music and home theater, thanks to an 11-driver array, including side-firing drivers for an expansive soundstage and up-firing height drivers for lifelike overhead effects. Add a Sonos Sub and In-Wall surrounds for an even more enveloping soundstage, and optimize response with Sonos Trueplay.

- Driver array: eight full-range elliptical woofers, three silk-dome tweeters
- Amplification: Eleven Class D amps
- Supported formats: Dolby Atmos, Dolby Digital, Dolby Digital Plus, Dolby True HD, DTS
- Connections: HDMI ARC, HDMI eARC, ethernet, optical audio adapter
- Hands-free control: Apple AirPlay 2, Works with Alexa, Google Assistant
- Sound modes: Speech Enhancement, Night Sound
- · Adjustable EQ using the Sonos app
- · Other: Compatible with Trueplay



Sub (Gen 3)



This wireless subwoofer adds rich, impactful bass to music and movies, extending low end to 25 Hz for sound you can feel. Inside its O-shaped vented enclosure, two 6" force-canceling elliptical woofers deliver defined, dynamic bass for a more immersive entertainment experience.

- Input: Ethernet
- · Amplification: Dual Class D
- EQ, level adjust, polarity invert
- · Other: Compatible with Trueplay



Sonos Amp

Packing 125 watts per channel, Sonos Amp powers up to six Sonos Architectural speakers. The app's Speaker Detection feature recognizes Sonos Architectural speakers and applies DSP to optimize tuning curves for clear, distortion-free sound at any volume.

- Amplification: Class D, 2 x 125W into 8Ω
- · Inputs: HDMI, ethernet, stereo RCA line in
- Outputs: Binding post, RCA subwoofer out
- · Other: Trueplay, Speaker Detection, front-panel controls



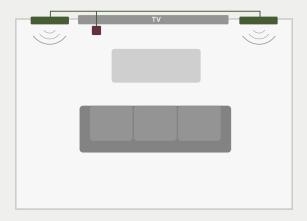
Port

The Port network audio streamer incorporates traditional hi-fi components and legacy music libraries in the Sonos ecosystem, expanding the possibilities for multiroom listening. Hook up a CD player, receiver, preamplified turntable, or other device and access streaming content and control features via the Sonos app.

- Inputs: Ethernet, stereo RCA line in
- Outputs: Coaxial digital, stereo RCA line out
- Other: 12V trigger out

Sonos soundscapes for every space

Transform any living space into a personalized entertainment haven. With Sonos Architectural speakers strategically placed throughout the home and managed via the Sonos app, homeowners can enjoy movies, music, and more with rich, immersive sound.



Elevated TV audio

Take TV sound outside the box when you install a pair of in-wall speakers as a discreet alternative to a soundbar.

Sample system:

TV — Amp — In-Wall L and R

Amp

In-Wall Speaker

Cinematic surround sound

Configure a sleek 4.1 system that takes advantage of Sonos Amp's phantom center channel.

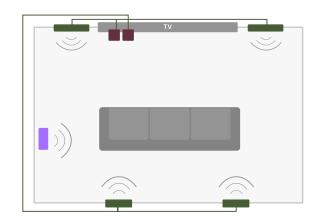
Sample system:

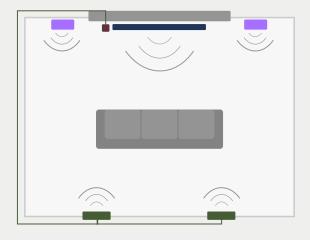
TV — Amp — In-Wall L and R, Amp — In-Wall rear surround L and R — Sub



In-Wall Speaker

Sub





Ultimate Dolby Atmos immersion

Pair a soundbar with In-Wall surrounds and low-profile subwoofers for rich, cinematic sound that fills the room while occupying minimal physical space.

Sample system:

5.1.2 home theater system

Arc soundbar — Amp — two In-Wall rear surround speakers — two Subs

Arc

Amp

In-Wall Speaker

Sub

Multiroom music

Curate the soundtrack to a party or relaxing after a long day with synchronized music streaming that offers independent volume control for each zone.

Sample system:

Dining room:

Amp — three 8" In-Ceiling stereo pairs

Living room:

Amp — three 8" In-Ceiling stereo pairs

Kitchen:

Amp — two 6" In-Ceiling stereo pairs

Hallway:

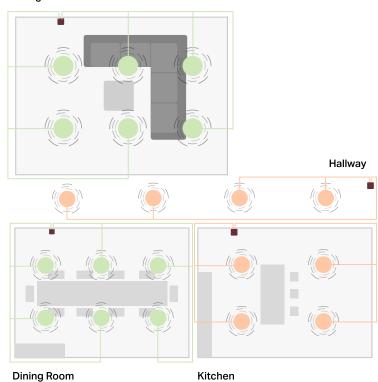
Amp (configured as dual mono) — four 6" mono-summed ceiling speakers

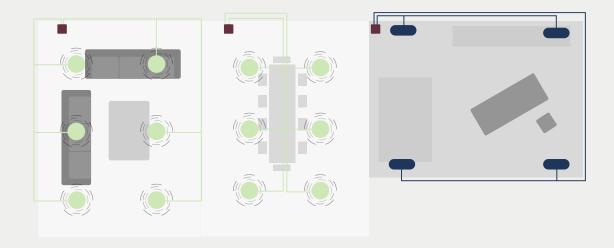
Amp

8" In-Ceiling

6" In-Ceiling

Living Room





All-weather audiophile

Enjoy superior sound, rain or shine, with the ultimate indoor/outdoor setup.

Sample system:

Indoors living room:

Amp — three 8" In-Ceiling stereo pairs

Indoors dining room:

Amp — three 8" In-Ceiling stereo pairs

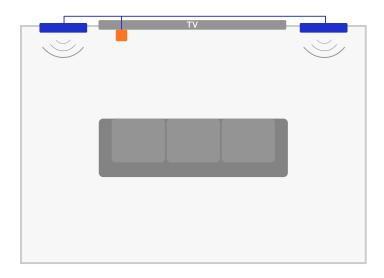
Outdoor patio area:

Amp in dual mono mode — four Outdoor speakers

Amp

8" In-Ceiling

Outdoor Speakers



Modern vintage

Bring wireless streaming and hands-free control to legacy players, amps, receivers, and loudspeaker systems.

Sample system:

 $\label{eq:port_loss} \mbox{Port} - \mbox{legacy integrated amplifier} - \mbox{legacy floorstanding or bookshelf loudspeakers}$

Port

Non-Sonos Speaker



Whole-house vinyl listening lounge

Seamlessly integrate a turntable into a Sonos system and extend the warm sound of vinyl throughout the home.

Sample system:

Living room/den:

Turntable (note as preamped or include a phono preamp) —

Amp — four In-Walls — App

Large/open kitchen:

Amp — four 8" In-Ceiling

Amp

In-Wall Speaker

6" In-Ceiling