

# Residential Solution Guide

# SONOS

Complete solutions for a sound system delivered by a leader in home audio



## Audio expertise meets great design

Since 2002, Sonos has built an ecosystem that encompasses everything from compact smart speakers and soundbars to amplifiers, making 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.



## The best audio solution for your home

Sonos leads the industry in providing premium residential audio solutions that can be completely customized for any home. The Sonos Architectural line of speakers delivers premium sound, discreetly installed. Designed and tuned in collaboration with Sonance, combine with Sonos Amp to offer a complete system.

Engineered for simple setup and operation, Sonos Architectural offers flexibility with a range of speaker options and unique features like Trueplay™, overdrive protection, and custom tuning. Create a signature Sonos experience at home with Sonos Architectural and Amp. Pair with Sonos active speakers and subs, expand an existing system, or integrate with third-party smart home platforms.

### Premium

Sonos Architectural speakers, when paired with Amp, provide superior sound and seamless control.

### Discreet

Sonos Architectural offers in-wall, in-ceiling and mounted speakers that blend into any aesthetic.

### Simple to install

Install your complete system with integral Roto-Lock® that allows quick mounting into ceilings and walls.



## The heart of your Sonos system

To power Sonos Architectural speakers and maximize system performance, there are two options to choose from: the Sonos Amp Multi or Sonos Amp.

A flexible multi-zone streaming amplifier, Amp Multi delivers 125W per channel and up to four zones. A single unit is capable of powering up to 24 Sonos Architectural speakers – perfect for large, distributed installations.

For smaller systems with up to 3 pairs of Architectural speakers, the WiFi-enabled Sonos Amp remains the smart choice. Create a unique audio zone with each Amp, which may then be grouped together or operate independently.

### Sonos Amp Multi

Assign any number of outputs to a zone and manually tune your system with ProTune. You have complete control to create a truly bespoke audio experience.



### Sonos Amp

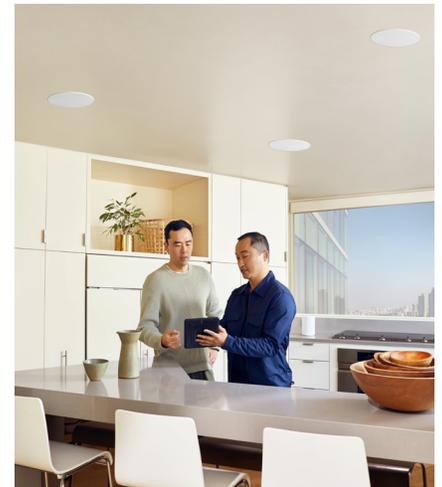
Effortlessly tune your space with Trueplay™. Simply use your iOS device to analyze your room, and Amp will automatically tune your system for perfectly balanced, clear sound.



## High performance sound meets low-key design

Combining Sonos Architectural speakers with Sonos amplifiers gives you an end-to-end audio experience, with a system tuned to the exact requirements of each room. Add wired or wireless subwoofers for deeper bass and higher performance.

From smaller residences through to large multi-room spaces, Sonos delivers a seamless audio experience.



## The Sonos app: curation and control

Available for all smart phones and tablets, the Sonos app 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, 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.

# Build your listening experience

Sonos Architectural In-Ceiling, In-Wall, and Outdoor passive loudspeakers transform your home into a premium listening experience. Paired with Sonos Amp or Amp Multi, our solutions deliver crisp, focused coverage and natural, powerful sound. Go beyond traditional setups by adding a wireless subwoofer for deeper bass, a Port for connecting other audio equipment, a home theater system for immersive entertainment with Dolby Atmos, and so much more.

## Passive speakers

### 8" In-Ceiling Speakers



This two-way speaker features an 8" polypropylene woofer and 1.2" tweeter. A newly designed, high-excursion motor produces powerful output and defined bass, and an optimized waveguide delivers uniform, controlled dispersion.

- Frequency response (With DSP): 29Hz - 20kHz ( $\pm 3$ dB)
- Nominal impedance: 8 $\Omega$
- Power handling (Program): 225W max
- Nominal coverage angle: 100° axisymmetric
- Color: White magnetic steel grille can be painted to match any ceiling color

Works with ProTune and Trueplay™



### 6" In-Ceiling Speakers



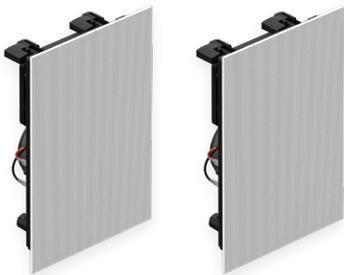
A versatile overhead solution for small to medium-sized spaces, this compact two-way speaker features a 6.5" polypropylene woofer and 1" cloth tweeter for focused coverage and clear, full-range sound.

- Frequency range (With DSP): 36Hz – 20kHz ( $\pm 3$ dB)
- Nominal impedance: 8 $\Omega$
- Power handling (Program): 130W max
- Nominal coverage angle: 90° axisymmetric
- Color: White magnetic steel grille can be painted to match any ceiling color

Works with ProTune and Trueplay™



### In-Wall Speakers



Sharing the same components as the 6" In-Ceiling model, these speakers provide a similar acoustic experience. They produce smooth mids, rich bass, and crystal-clear highs anywhere you want them.

- Frequency range (With DSP): 36Hz – 20kHz ( $\pm 3$ dB)
- Nominal impedance: 8 $\Omega$
- Power handling (Program): 130W max
- Nominal coverage angle: 90° horizontal x 90° vertical
- Color: White magnetic steel grille can be painted to match any wall color

Works with ProTune and Trueplay™



### Outdoor Speakers



These surface-mount speakers withstand water, UV rays, and extreme temperatures. Inside, a 1" tweeter and 6.5" woofer for expansive sound. FastMount brackets allow installation on brick or stone surfaces.

- Frequency range (With DSP): 48 Hz-20 kHz  $\pm 3$  dB
- Nominal impedance: 8 $\Omega$
- Power handling (Program): 130W max
- Nominal coverage angle: 80° horizontal x 90° vertical
- Protection rating: IP66 and Mil Spec 810 for humidity, salt spray, temperature, UV

Works with ProTune



## Components



### Amp Multi

Built for professional installation, Amp Multi provides unmatched multi-zone flexibility with GaN and PFFB technology to power up to 24 Sonos Architectural speakers across up to four fully configurable zones.

- Amplification: Class D, 8 x 125W into 8Ω
- Inputs: Stereo RCA and USB audio in
- Outputs: Binding post, RCA subwoofer out
- Form factor: 1.5U with innovative 2U rack mount
- Other: ProTune manual sound optimization controls



### Amp

Packing 125 watts per channel, Sonos Amp powers up to six Sonos Architectural speakers. The app's "Optimize Sonos Speakers" 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 Optimization, 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

## Powered speakers



### Arc Ultra ○●

Our premium soundbar delivers immersive sound for home theater and music, thanks to a 14-driver array that fires sound in all directions and support for Dolby Atmos. Add a Sonos Sub and In-Wall surrounds for an even more enveloping soundstage, and optimize response with Trueplay.

- Driver array: 7 silk-dome tweeters, 6 midwoofers, 1 Sound Motion™ dual-membrane woofer
- Amplification: 15 x Class D amps
- Supported formats: Dolby Atmos, Dolby Digital, Dolby Digital Plus, Dolby True HD, DTS
- Connections: HDMI eARC, HDMI ARC, optional optical audio adapter (sold separately), Ethernet
- Control: Sonos app, Sonos Voice Control, Bluetooth 5.3, Apple AirPlay 2, Works with Alexa



### Sub 4 ○●

This wireless subwoofer adds rich, impactful bass to music and movies, extending low end to 25Hz 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.

- Connections: WiFi 6/5/2.4, Ethernet
- Amplification: Dual Class D
- EQ, level adjust, polarity invert
- Other: Compatible with Trueplay™

# A sound solution for every space

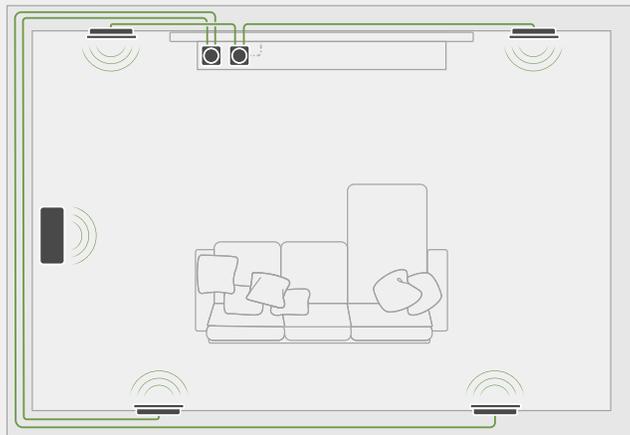
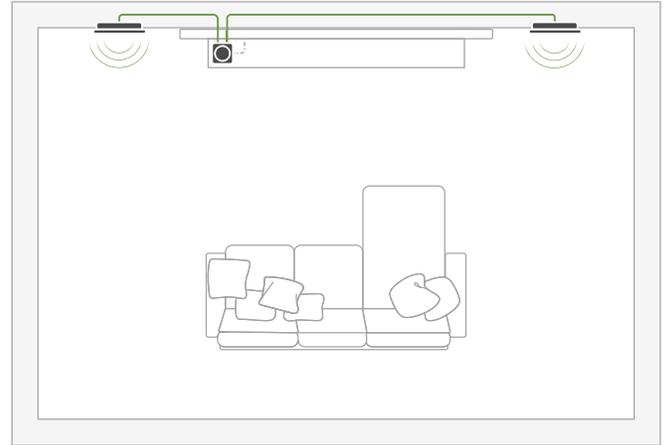
Transform any living space into a personalized entertainment haven. With Sonos Architectural speakers strategically placed throughout the home and managed via the Sonos app, everyone can enjoy movies, music, and more with rich, immersive sound.

## 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

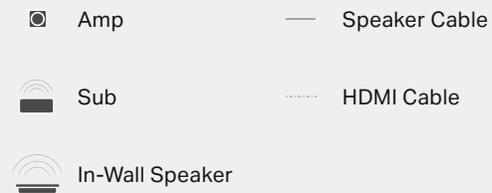


## Cinematic surround sound

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



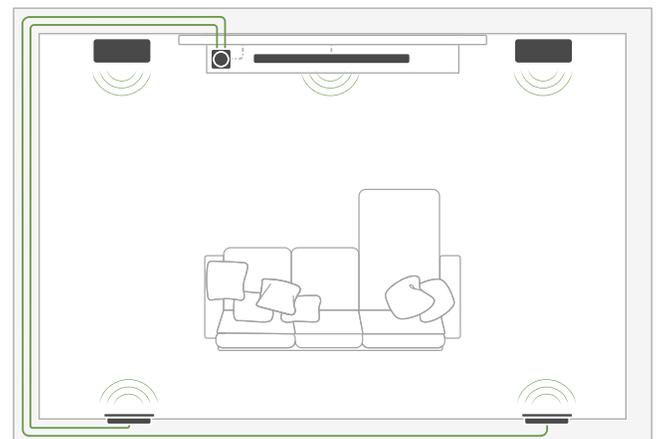
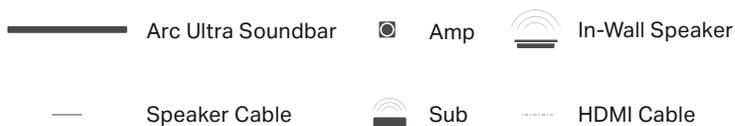
## Dolby Atmos immersion

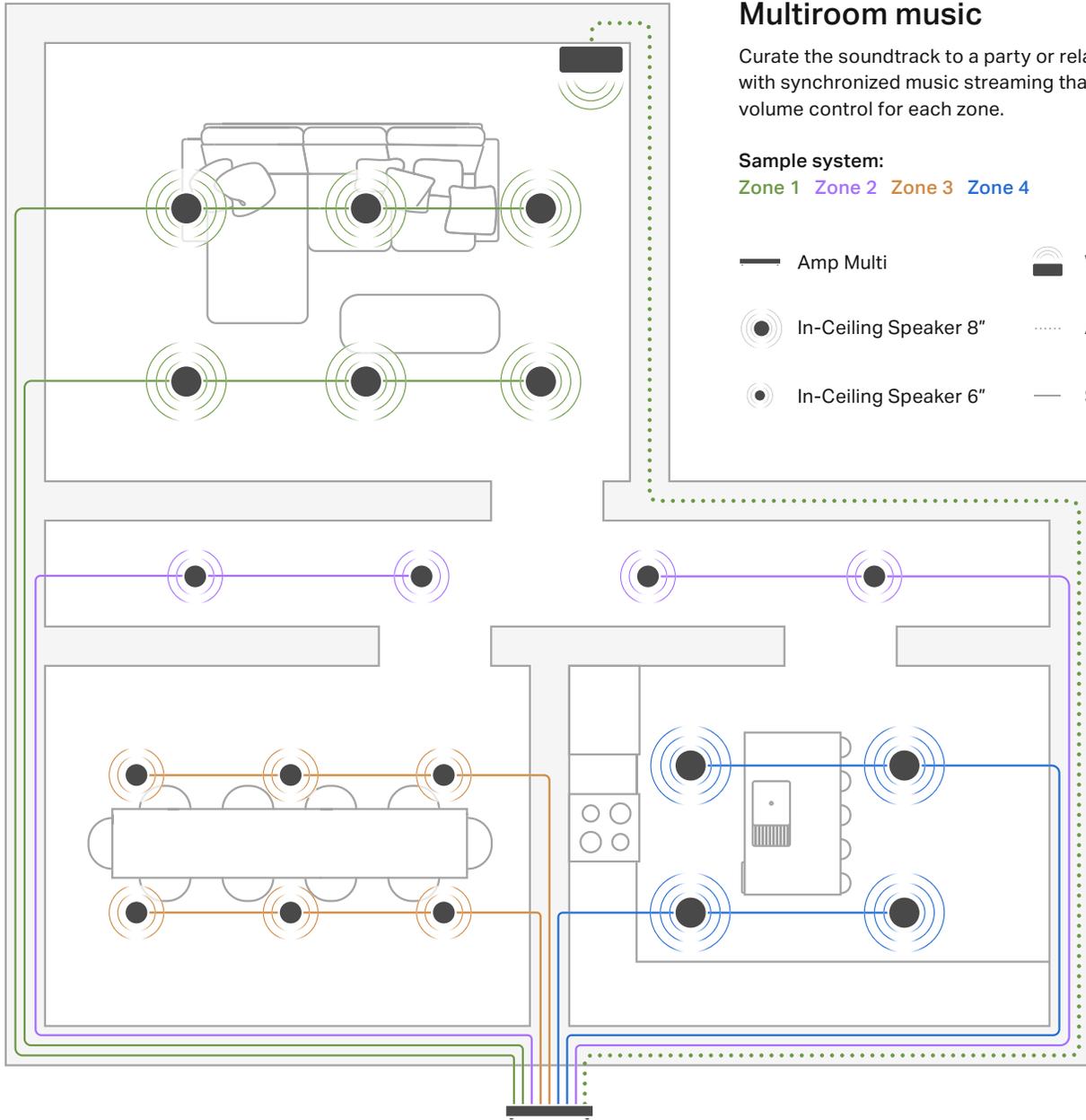
Pair a soundbar with In-Wall surrounds and low-profile subwoofers for rich, cinematic sound that fills the room while occupying minimal physical space.

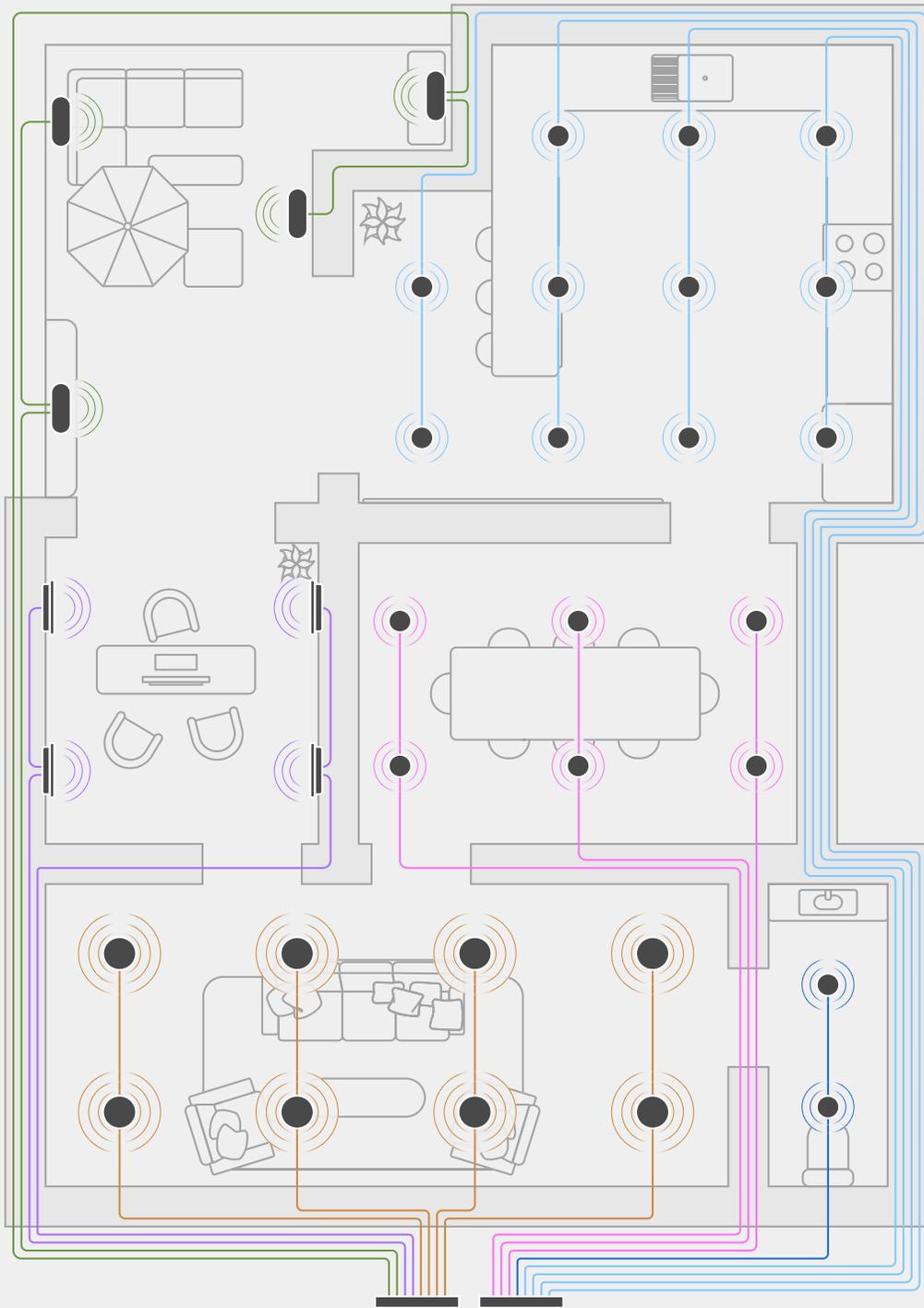
### Sample system:

9.1.4 home theater system

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







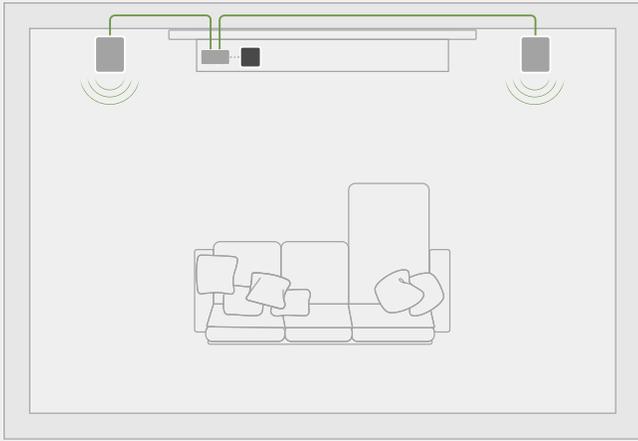
## Whole home harmony

In larger residences use more than one Amp Multi to deliver music into many rooms. Scale to systems using hundreds of loudspeakers.

Sample system:

Zone 1 Zone 2 Zone 3 Zone 4 Zone 5 Zone 6



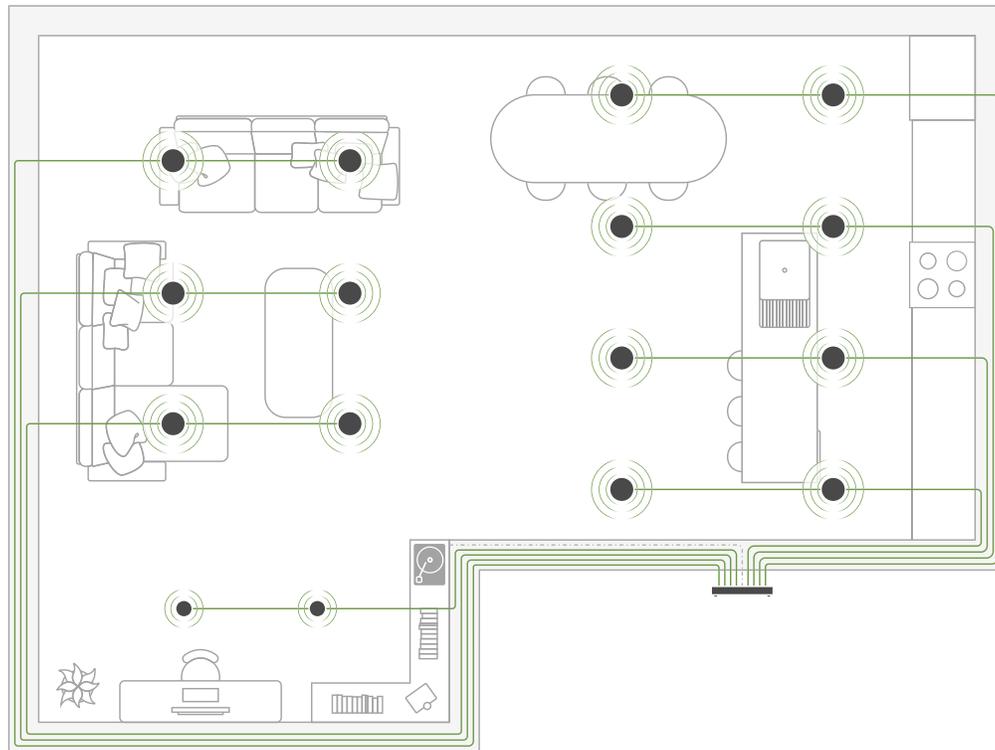
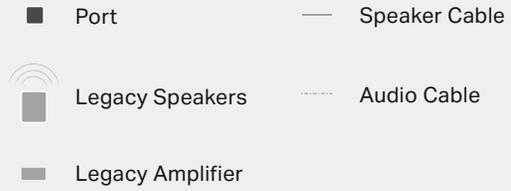


## Modern vintage

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

### Sample system:

Port — legacy integrated amplifier — legacy floorstanding or bookshelf speakers



## 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:

Zone 1



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