

**SONOS**<sup>®</sup> | **SONANCE**<sup>®</sup>

INSTALLATION MANUAL

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SONOS IN-WALL  
BY SONANCE

## Introduction

Thank you for purchasing SONOS IN-WALL by SONANCE Speakers. When properly installed your new speakers will give you years of entertainment pleasure.

### Box Contents

- (2) SONOS In-Wall Speakers
- (2) Paintable Grilles
- (2) Mounting Cut-out Templates

**WARNING: THESE SPEAKERS HAVE FASTMOUNT TABS THAT PREVENT THE SPEAKER FROM FALLING OUT OF THE MOUNTING HOLE DURING THE INSTALLATION PROCESS. THE EDGES OF THE FASTMOUNT TABS ARE VERY SHARP. USE CAUTION WHEN HANDLING THE SPEAKER.**

## Home Theater Speaker Placement

### Surround Speakers - 5.1-Channel System

Locate the surround channel speakers on the side walls 2 - 6 feet (0.6 - 1.8m) behind the listening position, 5 - 7 feet (1.5 - 2.1m) from the floor (see Figure 1).

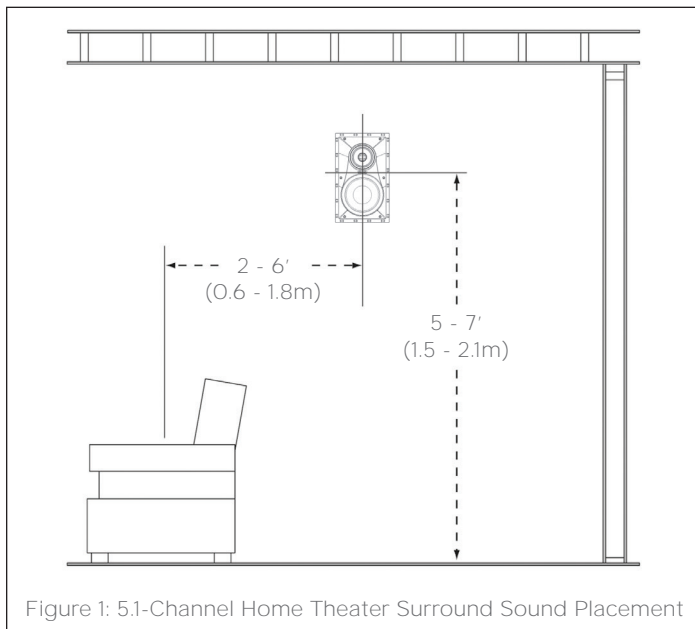


Figure 1: 5.1-Channel Home Theater Surround Sound Placement

### Surround Speakers - 7.1-Channel System

- Left & right surround speakers: Place the left and right surround speakers directly to the sides of the listening position, 5 - 7 feet (1.5 - 2.1m) from the floor.
- Surround back speakers: Place the surround back speakers in the rear wall, 3 - 6 feet (0.9 - 1.8m) apart and at 5 - 7 feet (1.5 - 2.1m) from the floor (see Figure 2).

## Stereo Speaker Placement

### 2-Channel System

- Place the left and right speakers 6 - 10 feet (1.8 - 3m) apart, with the main listening position as close to midway between the speakers as possible.
- The speakers should be at least 2 feet (0.6m) away from the side walls.
- The main listening position should be 4 - 10 feet (1.2 - 3m) away from the speakers.

- In most cases pivoting the midrange/tweeter of each speaker directly towards the main listening position will help maximize the stereo soundstage.

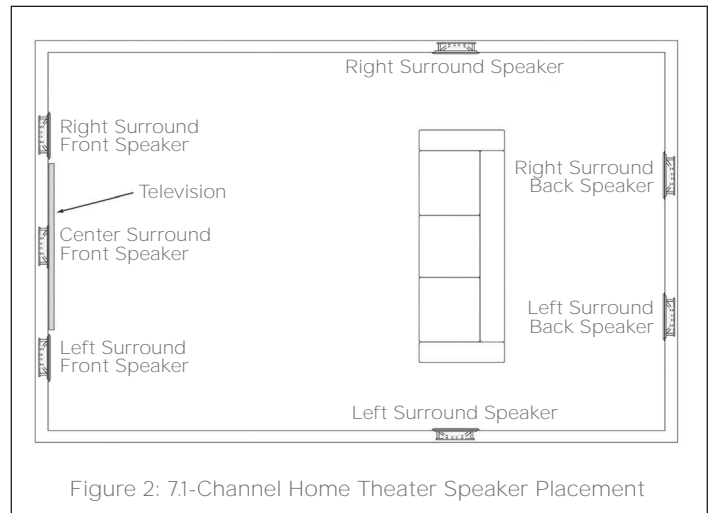


Figure 2: 7.1-Channel Home Theater Speaker Placement

## Before Installation: Retrofit

1. Determine the location for the speaker (see Figures 1 and 2).
2. Perform an obstruction survey using a stud finder to be certain that there are no studs, conduit, pipes, heating ducts, pocket doors or air returns in the wall cavity that will interfere with the speaker. If you are unsure about obstructions, drill a small hole in the center of the outline and insert a coat hanger wire into the hole to feel around for possible obstructions.
3. Cut the mounting hole using a keyhole or drywall saw, and run the speaker wires from the mounting hole to the amplifier location.

**NOTE: CONSULT LOCAL BUILDING CODES BEFORE RUNNING SPEAKER WIRES THROUGH WALLS.**

## Installation

SONOS IN-WALL by SONANCE speakers feature an integral Roto-Lock® mounting system for quick mounting directly into existing walls.

1. Strip 1/4 - 1/2" (6 - 12mm) of insulation from each speaker lead. Twist the strands or tin the exposed wire with solder to ensure that there are no stray strands.

**NOTE: STRAY STRANDS THAT TOUCH EACH OTHER CAN CAUSE A SHORT-CIRCUIT THAT CAN DAMAGE THE AMPLIFIER.**

2. The speaker's terminals are spring-loaded. Push the top of each terminal down to open the connector and insert the exposed wires into the holes in the spring terminals. The speaker's positive spring terminal is labeled with a red dot; the negative spring terminal is labeled with a black dot. Double-check that you connected amplifier "+" to speaker "+" and amplifier "-" to speaker "-".
3. Make sure all the Roto-Lock toggle feet are retracted so that they are tucked within the mounting hole's border. Insert the speaker into the hole in the wall (see Figure 3). The Roto-Lock system can accommodate a wall material thickness of 1-1/4" (32mm) with the toggle foot cap removed the system can accommodate a wall material thickness of 1-7/8" (48mm).



