

# INSTALLATION MANUAL

## ORIGINAL SERIES LARGE ROUND SPEAKERS



### Introduction

Thank you for purchasing Original Series Large Round speakers. When properly installed, these speakers will give you many years of entertainment pleasure. To get the most out of your new speakers, please read this manual thoroughly before you begin installation.

Since all of the Original Series Large speakers have the same exact footprint and have identical installation requirements, the directions in this manual apply to each model. This manual covers the following speaker models: 832x and 831x.

To achieve the best performance, Sonance recommends that these speakers be installed by a Sonance Authorized Dealer/Installer.

### SAFETY 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 SPEAKERS.

See Figure 5 for complete information about the FastMount tabs.

### Parts List

Your Original Series Large Round speakers include the following:

- [2] Original Series Large Round Speakers
- [2] Paintable Grilles
- [2] Plastic point plugs to protect speakers during painting
- [1] Mounting cutout template (in packaging)

### Speaker Placement

The locations of the speakers should be determined by considering the primary listening location, the primary use for the speakers (distributed audio, 2-channel or home theater) and aesthetic values. For optimum results contact your Authorized Sonance Dealer for advice.

### Distributed Audio Placement

Original Series Large Round speakers have very smooth and predictable off-axis response, increasing placement options while providing excellent coverage in distributed audio systems. The following chart shows how far apart the speakers can be placed while still providing good coverage. The distances are based on ear heights of 62" (1.5 m) for standing listeners and 40" (1 m) for seated listeners.

### Speaker Spacing for a Distributed Audio System

	Standing Listener	Seated Listener
8-foot ceiling	5.7 ft (1.7 m) apart	9.5 ft (2.9 m) apart
10-foot ceiling	9.7 ft (3.0 m) apart	13.5 ft (4.1 m) apart
12-foot ceiling	13.7 ft (4.2 m) apart	17.5 ft (5.3 m) apart
14-foot ceiling	17.7 ft (5.4 m) apart	21.5 ft (6.6 m) apart

### Home Theater Placement



Figure 1: 5.1-Channel Home Theater Placement

### Left, Center and Right Speakers

- Place the left, center and right speakers from 1 to 2 feet (30 - 60 cm) in front of the video screen, anywhere from 6 feet to 10 feet (2 - 3 m) apart, with the center channel speaker as close to midway between the left and right speakers as possible.
- Place the left & right speakers at least 2 to 3 feet (60 - 90 cm) away from the side walls.
- The main listening position should be between 4 and 10 feet (1.2 - 3 m) away from the speakers.
- If necessary, pivot the Sonic Eye (tweeter) and the woofer of each speaker towards the listening position to maximize the soundstage.

Use Figure 1 as a guide.

# Sonance 831dr Speakers Owners Manual

**David Weems**



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