Product Specifications





Leviton Spec-Grade Sound™ Indoor and Outdoor Speakers

APPLICATION

Leviton's Spec-Grade Sound™ Indoor and Outdoor Speakers combine the latest in top-of-the-line features and technologies with pricing that allows contractors, builders and homeowners to make high-end audio performance a viable installation option for every residential home entertainment venue. When combined with Spec-Grade Sound control and distribution components, they deliver sound quality limited only by the amplifier driving them and the quality of their sound source.

FEATURES

- Kevlar® composite woofer Woofer construction combines exceptional rigidity and lightness to provide the perfect linear movement needed to reproduce dynamic, tight bass and incisive midrange frequencies
- AeroNylon tweeter diaphragm Aerospace-grade nylon tweeter diaphragm combines very low mass and high tensile strength to provide crystal-clear treble response and exceptionally accurate tracking of even the most challenging musical transients
- AutoSurge™ circuit protection Built-in AutoSurge protection responds to potentially destructive power peaks automatically and resets after the event, helping prevent speaker damage
- Advanced phase/time alignment guide A precise phase/time waveguide is used to properly align sound without mis-aligning the tweeters a problem with many adjustable in-wall speakers in order to provide extremely accurate stereo imaging
- Precision dividing network The dividing network (or crossover) used in all Spec-Grade Sound speakers is made of high-spec components to ensure total audio signal electronic integrity up to the last microsecond before the signal is converted into sound
- Inert mounting frame with "dogleg" installation points To eliminate any transmitted vibrations that could color in-wall or ceiling sound quality, Spec-Grade Sound speakers rely on a baffle-frame assembly incorporating higher-density plastics and a series of adjustable "doglegs" to rigidly clamp the speaker to the wall or ceiling material

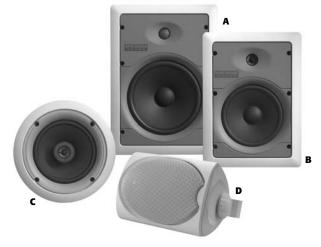
SPECIFICATIONS

6.5-inch Two-Way In-Ceiling Loudspeaker (Cat. No. SGC65-00W)

- 6.5-inch Kevlar composite cone low-frequency transducer
- .5-inch AeroNylon dome high-frequency transducer
- 2-way balanced precision crossover network with AutoSurge circuit protection
- Frequency Response: 50-20kHz +/- 3dB
- Sensitivity: 87.0 dB SPL @ 1Watt/1 Meter
- Power Handling: 120W peak/60W RMS
- Impedance: Nominal 8 Ohms/Minimum 6 Ohms
- **Dimensions**: Diameter: 9.02 in/229.2 mm; Depth: 3.25 in/81.3 mm to rear of baffle

6.5-inch Two-Way In-Wall Loudspeaker (Cat. No. SGI65-00W)

- 6.5-inch Kevlar composite cone low-frequency transducer
- .5-inch AeroNylon dome high-frequency transducer with phase/time alignment guide
- 2-way balanced precision crossover network with AutoSurge circuit protection



A) Cat. No. SGI80-00W; B) Cat. No. SGI65-00W; C) Cat. No. SGC65-00W; D)Cat. No. SGO99-00W

• Frequency Response: 50-20kHz +/- 3dB • Sensitivity: 88.0 dB SPL @ 1Watt/1 Meter

• **Power Handling**: 120W peak/60W RMS

• Impedance: Nominal 8 Ohms/Minimum 6 Ohms • Dimensions: 12 301 in/302 4 mm H v 9 001 in/218 4

• **Dimensions**: 12.301 in/302.4 mm H x 9.001 in/218.4 mm W x 3.20 in/72.5 mm D to rear of baffle

8-Inch Two-Way In-Wall Loudspeaker (Cat. No. SGI80-00W)

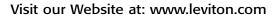
- 8-inch Kevlar composite cone low-frequency transducer
- 1-inch AeroNylon dome high-frequency transducer with phase/time alignment guide
- 2-way balanced precision crossover network with AutoSurge circuit protection
- Frequency Response: 44-20kHz +/- 3dB
- Sensitivity: 86.5 dB SPL @ 1Watt/1 Meter
- Power Handling: 160W peak/80W RMS
- Impedance: Nominal 8 Ohms/Minimum 6 Ohms
- **Dimensions**: 14.20 in/403.3 mm H x 10.25 in/291.3 mm W x 3.52 in/96.7 mm D to rear of baffle

Outdoor/Utility Two-Way Loudspeaker (Cat. No. SGO99)

- 5.25-inch Silicate-fiber cone low-frequency transducer with butyl rubber surround.
- 5-inch Polydome high-frequency transducer
- 2-way balanced precision crossover network with AutoSurge circuit protection
- Element-resistant polypropylene enclosure, gold-plated binding terminals, and aluminum mounting bracket (with stainless-steel hardware)
- Frequency Response: 50-20kHz +/- 3dB
- Sensitivity: 87 dB SPL @ 1Watt/1 Meter
- Power Handling: 120W peak/60W RMS
- Impedance: Nominal 8 Ohms/Minimum 6 Ohms
- **Dimension**: 8.50 in/ 215.9 mm H x 6.79 in/172.4 mm W x 6.03 in/153.2 mm D (without bracket)



59-25 Little Neck Parkway, Little Neck, NY 11362-2591 • Tech Line: 1-800-722-2082 • FAX: 1-800-832-9538



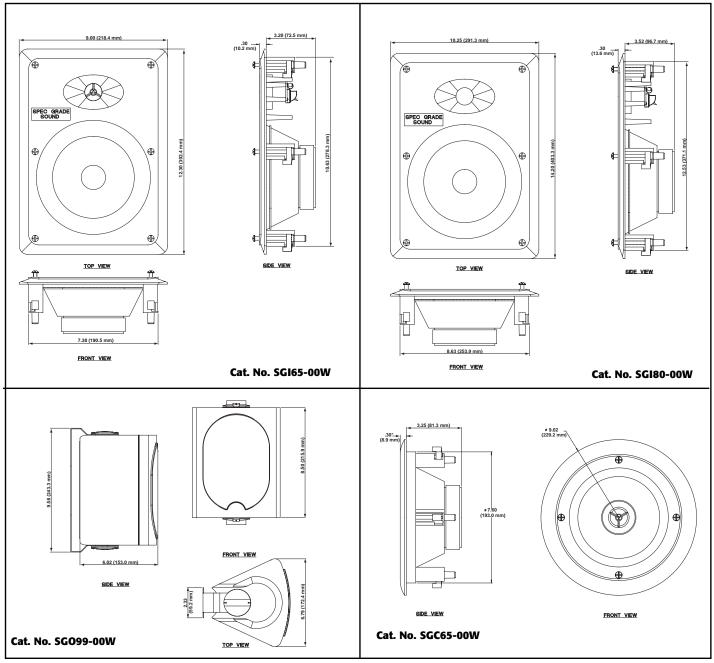
Product Specifications



ORDERING INFORMATION

| Cat. No. | Description - Speakers | Cat. No. | Description - Accessories |
|-----------|--------------------------------------|-----------|---|
| SGC65-00W | 6.5-inch Two-Way Ceiling Loudspeaker | PCI65-KIT | Rough-in bracket for 6.5" In-wall Loudspeaker |
| SGI65-00W | 6.5-inch Two-Way In-Wall Loudspeaker | PCI80-KIT | Rough-in bracket for 8" In-Wall Loudspeaker |
| SGI80-00W | 8-inch Two-Way In-Wall Loudspeaker | PCC65-KIT | Rough-in bracket for 6.5" Ceiling Loudspeaker |
| SGO99-00W | Outdoor/Utility Two-Way Loudspeaker | | |

DIMENSIONAL DRAWINGS:



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