

## [TITLE]

SVS 3000 In-Wall Subwoofer | Reference Subwoofer Performance Goes Architectural

## [DESCRIPTION]

Stunning depth and output from dual 9-in high-excursion drivers and 800 watt RMS amplifier.

### SHORT DESCRIPTION:

Immersive, cinematic bass from an architectural subwoofer for the first time. SVS 3000 In-Wall subwoofer is primed for easy retrofit installation or new construction and features dual active 9-inch high-excursion drivers powered by an 800 watt RMS, 2,500+ watts peak amplifier with discrete MOSFET output.

### LONG DESCRIPTION

#### **Massive Cinematic Bass, No Floorspace Required.**

Engineering in-wall subwoofer capable of deep, chest-pounding output, while maintaining effective thermal and energy management that's also easy to install, has always been a noble pursuit for subwoofer brands. Many of tried, all have failed. Until now.

Shallow and narrow enough to fit between standard wall studs with options for retrofit or new construction, SVS 3000 In-Wall Subwoofer thrills music and home theater fans with breathtaking bass from an enclosure that remains virtually invisible in a room and requires no floorspace.

SVS engineers bent the laws of physics designing a subwoofer ecosystem capable of producing massive, effortless response with pinpoint control and accuracy. Solid aluminum front and rear baffles with reinforced internal bracing ensure the sealed cabinet remains acoustically inert, even as the dual active 9-in high-excursion drivers are being driven to extreme levels.

Reference amplifier technology from the flagship SVS 16-Ultra subwoofers was applied in the Sledge STA-800D2C amplifier. Rated conservatively at 800 watts RMS, 2,500+ watts Peak Power with discrete MOSFET output, the 3000 In-Wall amplifier unleashes ample on-demand current with unerring control to maximize the dual 9-in driver's potential. All available in an easy to install 2U rack-mount amplifier.

As with all SVS models, the 3000 In-Wall Subwoofer features the groundbreaking SVS Subwoofer Control Smartphone App. It offers the most convenient way ever to control volume, access multiple DSP functions, and program custom preset tuning profiles optimized for music, movies, gaming, and more. All accessible with a single touch from your favorite seat.

### QUICK SPECS

Driver | Active Front-Firing Dual 9-in

Amplifier | 800 watts RMS (2,500+ watts peak)

Freq. Response | 22-250 Hz  $\pm$ 3 dB

Dimensions w/ Grille | 26.76" (679.6mm) H X 13.76" (349.6mm) W X 1.34" (34mm) D

### **3000 In-Wall Exploded View**

#### **Dual Active 9-in Drivers**

Lightweight, yet rigid in design, the custom motor and driver design ensure massive output and deep bass extension without a hint of distortion.

#### **Sledge STA-800D2C Amplifier**

Rated conservatively at 800 watts RMS, 1,500 watts peak power, produces effortless power on demand with discrete MOSFET output and Class D efficiency to fully maximize on the dual driver's potential.

#### **50 MHz Analog Devices Audio DSP**

Powerful processor with precision 56-bit filtering enable seamless blending with all types of loudspeakers, optimized frequency response curves to maximize room gain, and advanced DSP controls not available from other subwoofer.

#### **Custom Formed Aluminum Baffles**

Front and rear baffles are custom formed aluminum to ensure sonically inert cabinet with no resonance for pristine low frequency playback.

#### **SVS Subwoofer Control Smartphone App**

Most convenient way ever to control subwoofer volume, access multiple DSP functions, and program custom preset tuning profiles optimized for music, movies, gaming, and more.

#### **Acoustically Transparent Grille Cover**

Magnetic grille protects drivers and is paintable to blend with any room décor.

### **Inspired Engineering for Breathtaking Performance.**

#### **Dual Active 9-In Drivers Deliver Extreme Output with Control and Accuracy**

All new oversized motor design, custom-tooled basket, and rigid yet lightweight aluminum cones on the pair of active 9-in drivers are optimized for maximum acoustic output from a compact enclosure. Over-engineered to deliver chest-pounding low frequencies without distortion, 3000 In-Wall drivers are a true feat of engineering.

#### **Optimized Motor Assembly for Dual Active Drivers**

An oversized, vented motor structure is optimized for efficient thermal and mechanical-energy management in a confined space. Massive electromagnetic force produced by the motor, in symphony with the high current driving power of the Sledge amplifier, allows the 3000 In-Wall to maximize on the output potential of the dual 9-in active drivers.

#### **Potent and Groundbreaking Sledge STA-800D2C Amplifier**

Conservatively rated at 800 watts RMS, 2,500 watts Peak Power, the 3000 In-Wall amplifier platform adapts flagship SVS technology for the challenges of in-wall design. Combining the high-current output of discrete MOSFETs with Class D efficiency and the processing power of an Analog Devices 50MHz DSP, the 2U rackmount amplifier effortlessly produces sustained high-current output for extreme SPLs at the

deepest frequencies without a trace of distortion.

### **Sophisticated 50 MHz DSP Engine – Unrivaled Processing Power from a Home Audio Subwoofer**

A 50 MHz Analog Devices DSP, normally reserved for high-end separate audio components, delivers sophisticated control and custom response curves optimized for real-world output and acoustically tuned room gain.

DSP plays a major role in making the 3000 In-Wall subwoofer sound far bigger than its enclosure. SVS engineers painstakingly crafted an in-room frequency response curve that fully maximizes the potential of a room's boundaries to produce greater output and deeper bass extension without bloat or boominess. The result, a subwoofer that far exceeds expectations given its low profile.

### **3000 In-Wall Smartphone App – Easiest Way Ever to Manage Subwoofer DSP and Control**

The most convenient way ever to control volume, access multiple DSP functions, and program custom preset tuning profiles optimized for music, movies, gaming, and more. All accessible with a single touch. Adjust crossover frequencies, a three-band parametric EQ, polarity, room gain and more, all from your favorite seat.

- **Connects via Bluetooth** for convenient control even when subwoofer is out of sight.
- **Saved custom presets** for one-touch tuning with optimized settings based on listening preferences for movies, music, and more, with one-touch access.
- **3-band parametric EQ controller** allows precise adjustments for boost or cut, Q-factor, and frequency down to the single Hz level to eliminate peaks, nulls and other room issues

### **Sledge Amplifier Inputs and DSP Controls**

External amplifier unit features inputs for connecting single or dual subwoofers and convenient tuning controls.

- **Level Control** to fine tune the overall output level that best matches the system and room
- **Low pass filter control** to ensure smooth sonic transitions and seamless blending with the main speakers
- **Phase control** to align the subwoofer's output timing with the main speakers or additional subwoofers
- **USB port** provides power for the SVS SoundPath Wireless Audio Adapter (sold separately) which eliminates the need for a cable run to the subwoofer from the source component.
- **RCA Audio Interconnect Input** for use with most AV receivers and preamplifiers
- **Speaker Level Stereo Inputs** for use with legacy receivers

### **Acoustically Inert and Rigidly Braced Sealed Cabinet**

Aircraft grade aluminum panels were custom formed into rigid 2.5mm thick front and rear baffles around an MDF frame to create an unyielding, sonically inert enclosure for the drivers. Extensive front to back bracing eliminates any potential cabinet resonances even at extreme playback levels.

Detachable magnetic grille is acoustically transparent and paintable for seamless blending into any home environment.

### **Easy Install for Retrofit and New Build Construction**

3000 In-Wall Subwoofer installation is by way of dog-leg mounting, or direct-to-stud screw down points within standard 16-in stud spacing. Connection options are available for single LFE channel or stereo left/right with dedicated speaker cable banana terminals for easy connections between the source, amplifier, and subwoofer. Pre-construction kit, mounting templates and set up guide are also available.

### **Go Dual Subwoofers for More Even Bass Response**

Every Sledge STA-800D2C amplifier is equipped with a second set of binding posts for dual subwoofer configurations. This option exists for users with extremely large listening areas who want a truly over-the-top experience with more even bass response throughout the room.

In this case, a single 2U amplifier would change impedance and split the 800 watts RMS (400 watts x 2) evenly between the two drive units. No second amplifier needed.