

3000In-Wall Subwoofer System

3KIW System
New Graphic

OWNER'S MANUAL



Congratulations on bringing home one of the finest subwoofers ever made!

The SVS 3000 In-Wall Subwoofer embodies all the technology and engineering advancements made since we developed our first subwoofer nearly two decades ago. You can feel proud knowing your SVS 3000 In-Wall Subwoofer was masterfully engineered to deliver the deepest, most powerful, accurate and detailed bass experience possible. Between the new and unshakable dual 9-inch 3000 In-Wall drivers, massively powerful Sledge STA-800D2C amplifier, industry-first smartphone DSP and subwoofer control app and other breakthroughs, the 3000 In-Wall represents the finest subwoofer performance you can get for anything close to the price. It's the first In-Wall subwoofer worthy of the name SVS.

We know you are eager to get your new subwoofer set up, so in this manual, you will find instructions on placement, connection, tuning and more. Our SVS Sound Experts are also available seven days a week to take the guess work out of setting up your new 3000 In-Wall subwoofer. They are equipped to handle even the most complicated questions about placement, calibration, AV receiver settings and more.

One of the most useful features of your 3000 In-Wall subwoofer is the free SVS App, which can be used to fine tune performance and create custom presets from the comfort of your favorite seat and the convenience of your mobile device. Just visit the Apple® App® Store, Google Play™ Store or Amazon Appstore and search "SVS App" to get started.

If you have any questions about your SVS 3000 In-Wall Subwoofer, please contact us directly.

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Happy Listening!

The SVS 3000 In-Wall is designed for easy set-up and integration in both multi-channel home theater and two-channel (stereo) systems. It is best to familiarize yourself with the subwoofer connections and the rear panel of your AV receiver or preamplifier before setting your subwoofer up. **Be sure your 3000 In-Wall is switched to Off before plugging it in or connecting to your AV receiver.** It's also best to use cables with secure connections for optimal bass performance.

The convenient SVS mobile app for both Apple® iOS® and Google Android™ allows you to make adjustments for room layout, personal preferences, movies vs. music, and more. It's the best way to fine tune your subwoofer for perfect performance from the comfort of your favorite seat.

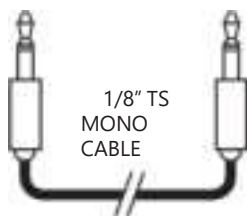
In addition to the SVS mobile app you can control the primary features of the amp using the Intelligent Control Interface (ICI) back-lit user interface on the amplifier plate.

A full explanation of all the advanced subwoofer DSP controls is available in this manual, as well as in the SVS subwoofer app tutorial. The following sections cover basic connections and control settings when integrating the 3000 In-Wall into a surround sound or two channel system.

BACK PANEL FEATURES

((FRONT PANEL GRAPHIC))

- 2 On/Off Switch** - Turns Subwoofer On/Off.
- 3 3V-12V Trigger Input** - This feature will automatically turn the subwoofer on/off when a signal is sent to the trigger input from another component in the system (typically the pre/pro or AV receiver). The other component in the system must be equipped with a trigger output feature and requires a TS 1/8" mono cable (pictured below).



- 4 Unbalanced (RCA) Line Level Inputs**
- 5 Unbalanced (RCA) Line Level Outputs**
- 6 USB Type A Port** - Used for Firmware updates and powering a USB device like the SVS Sound-Path Wireless Audio Adapter.










Subwoofer (Binding Posts) Speaker Level Outputs (TOP)

Subwoofer (Binding Posts) Speaker Level Outputs (BOTTOM)



FRONT PANEL FEATURES

((FRONT PANEL GRAPHIC))

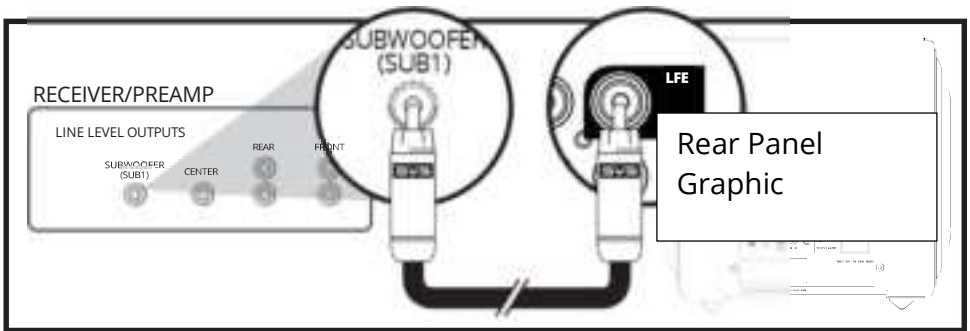
-  **AC Power Cord Receptacle**
-  **[+]** - Push repeatedly or long press to increase volume, raise the low pass frequency cut-off or to set to LFE, or to increase Phase degree.
-  **[-]** - Push repeatedly or long press to decrease volume, lower the low pass frequency cut-off, or reduce phase degree.
-  **Auto/On** - Press this button to select "ON" which keeps the subwoofer on continuously so it will not go into Standby mode. The button will be Blue when in "On" mode. Press again for "Auto" and the button will light up Amber. The subwoofer will go into standby after 10 minutes if there is no audio signal.
-  **10 LOW PASS** - Press this button to adjust the Low Pass Filter frequency to ensure a smooth sonic transition and flat frequency response between the speakers and subwoofer. The right most LED on the status bar indicates the subwoofer is in LFE mode.
-  **11 LED Bar** - Displays the level for Volume, Low Pass Filter Frequency, and Phase.
-  **12 PHASE** - Press this button to adjust the phase.
-  **13 VOL** - Press this button to adjust the volume.
-  **Front Display** - The Front display provides real time feedback from front panel controls and from the SVS Control App.

AC Power Connection

Connect the subwoofer power cord to the subwoofer amplifier and directly into an AC outlet. Convenience outlets located on the rear panel of some AV receivers or pre/pros are NOT recommended for your 3000 In-Wall as these outlets are not meant for high power devices.

Line Level Connection – Single LFE Channel

The most common way to connect your 3000 In-Wall is with a single RCA interconnect cable going from the LFE or SUB1 Output on your AV receiver or preamplifier to the LFE Input on your 3000 In-Wall. This allows your processor to perform the upstream bass management and send the subwoofer a pre-filtered mono signal.

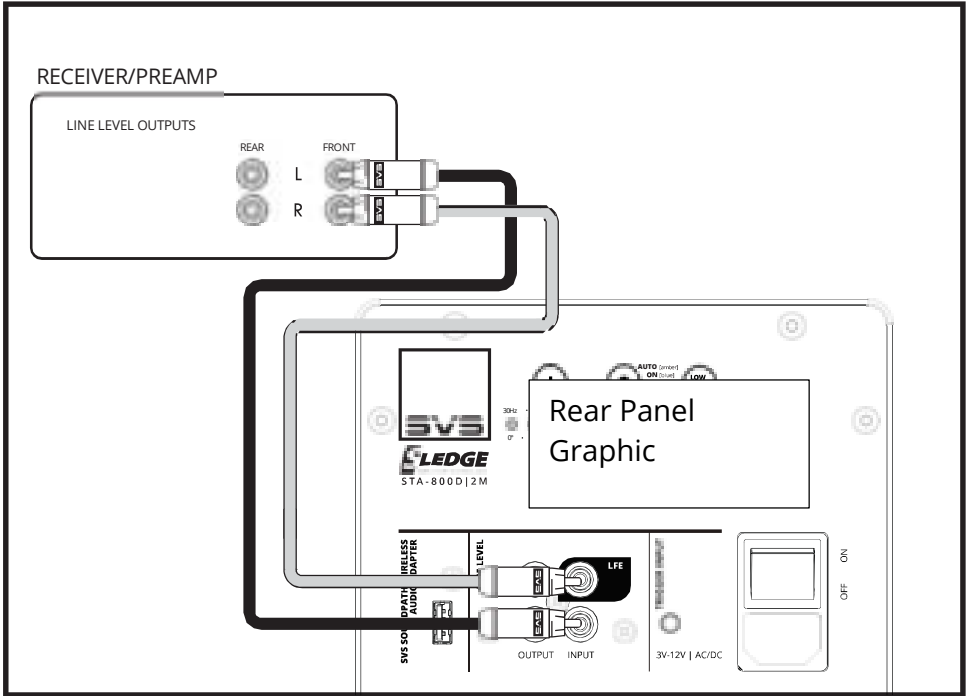


Line Level Connection – Stereo Receiver or Preamplifier Left/Right Channels

Both Left and Right inputs on your 3000 In-Wall can be used in a two-channel stereo application with a stereo preamplifier that has Left and Right line level outputs.

Connect the left and right outputs of your preamplifier to the left and right line level inputs of the 3000 In-Wall using RCA interconnects.

Line Level Connection – Stereo Receiver or Preamplifier Left/Right Channels (cont'd)



Enable and adjust the on-board low pass filter of the 3000 In-Wall for a smooth blend with the main speakers.

NOTE: For additional guidance on speaker/subwoofer crossover settings, please consult our SVS Sound Experts or our SVS Subwoofer Matching Tool at www.svsound.com/merlin.

Single Subwoofer Connection

Single Subwoofer amplifier connection Copy

((Single Subwoofer Amp Connection))
((REAR PANEL GRAPHIC))

Dual Subwoofer Connection

Dual Subwoofer amplifier connection Copy

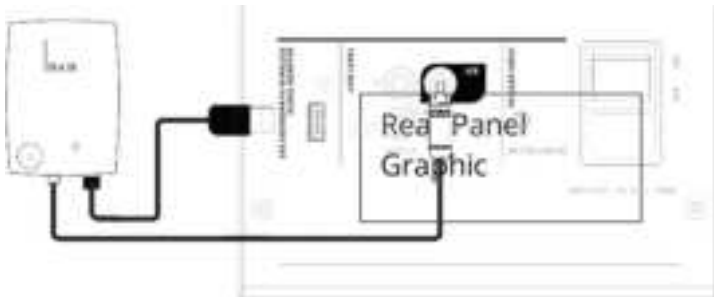
Remove Rubber cover from bottom binding pots

((Dual Subwoofer Amp Connection))
((REAR PANEL GRAPHIC))

Going Wireless

If you want to add wireless connectivity via the SVS SoundPath Wireless Adapter (sold separately), your 3000 In-Wall conveniently includes a USB input on the amplifier plate to easily power the Receiver. Set-up is simple and quick and separate instructions are included with the adapter.

NOTE: The 3000 In-Wall amplifier should be turned off when making all connections.



Control Settings for AV Receiver & Processor

If using your 3000 In-Wall subwoofer with an AV Receiver or preamp with bass management, it is recommended to leave all control settings in the default position, aside from the volume, which allows you to adjust the level of output based on your personal preferences.

NOTE: Always re-run AV Receiver auto-set-up after moving the subwoofer to a different location to ensure the acoustic distance and calibration levels are set correctly.

NOTE: If you want to run the subwoofer louder than the initial auto-set-up level, adjust the subwoofer channel level upward in the AV receiver menu until you get the experience and performance you want. An increase of 2-4 dB louder than initial set-up level is common for many customers. Volume can be controlled from your mobile device via the Free SVS App or using the buttons on the rear panel interface.

Please consult the Advanced Subwoofer Controls section of this owner's manual or contact our SVS Sound Experts if you have questions about any of the control settings.

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Control Settings for Stereo Receiver or Pre-Amplifier

Most Stereo Receivers and Pre-Amplifiers do not have bass management. Instead you will use the Left and Right full-range outputs and make adjustments through the DSP amplifier on the subwoofer.

Be sure to connect both Left and Right outputs to the Left and Right inputs on the subwoofer.

Set the Low Pass Filter to "On" and adjust the Crossover Frequency and Slope to achieve a smooth blend and transition with the main speakers.

Once blended, adjust the Subwoofer volume to match the volume level of your main speakers.

For finer tuning, the **SVS Subwoofer Matching Tool** on our website provides the recommended low pass filter frequency and slope setting for most loudspeakers on the market. Just choose your brand and model of speakers from the menus and Merlin does the rest. It's available 24/7, 365 at <https://www.svsound.com/pages/merlin>. Our SVS Sound Experts are also standing by to help with any connection or control questions you have about any of the controls or settings.

NOTE: Volume and low pass filter can be controlled from your mobile device via the Free SVS App, or using the buttons on the rear panel interface.

INTRO COPY FOR In-Wall Subwoofer Placement

Retro Fit with Dogs

**((Single Subwoofer Amp Connection))
((REAR PANEL GRAPHIC))**

Retro Fit with stud screws

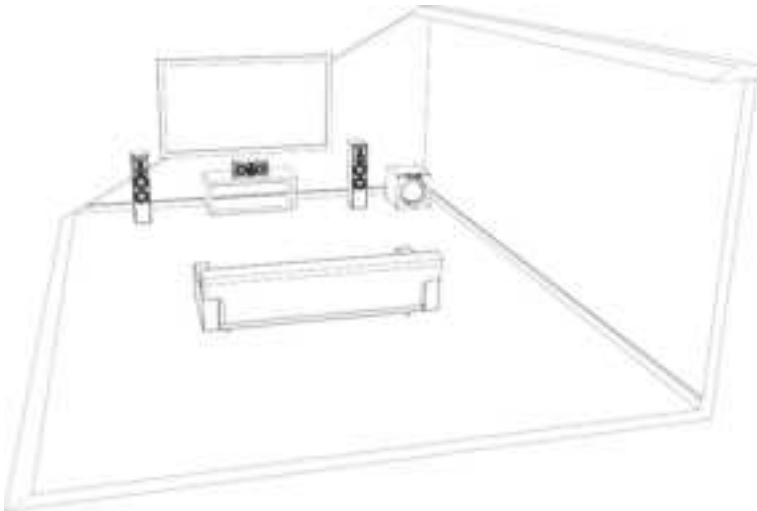
**((Single Subwoofer Amp Connection))
((REAR PANEL GRAPHIC))**

New Construction with Pre-Construction Bracket (sold separately)

**((Single Subwoofer Amp Connection))
((REAR PANEL GRAPHIC))**

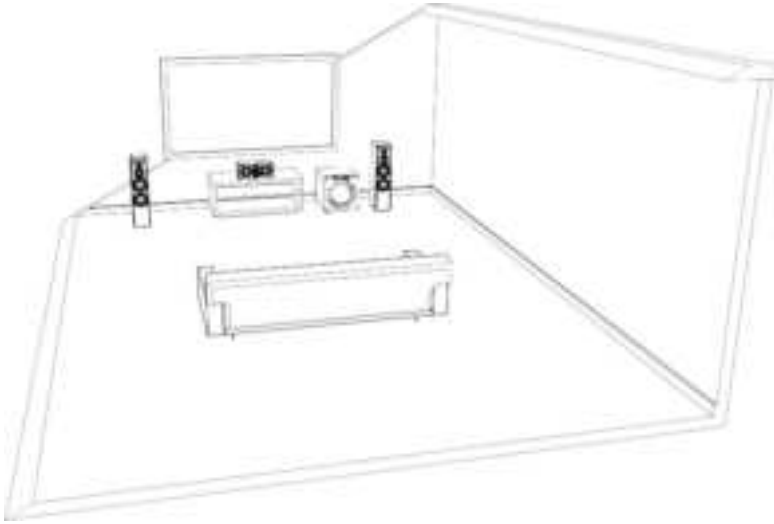
Corner Placement

Corner placement of a subwoofer reduces the potential to encounter nulls, which are acoustic cancellation points or 'dead spots' in the room. While this can often make for hugely impactful bass, it can sometimes result in a "boomy" sound depending on your listening position. If you experience this, you can use the tuning controls to blend your 3000 In-Wall more smoothly with your speakers or try pulling it further away from the walls to smooth out the bass response.



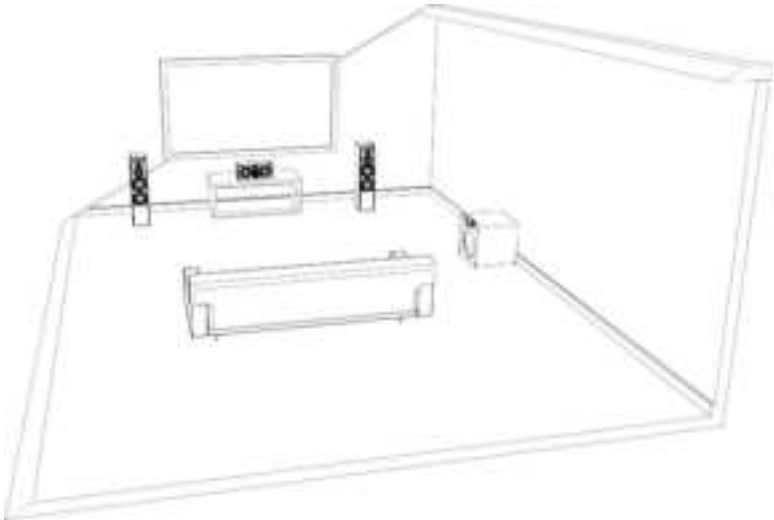
Front Placement

Front of the room placement in between or just to the side of the front channel speakers is another common choice. Front of the room placement usually results in the best blending with the main speakers and center channel and minimizes localization effects.



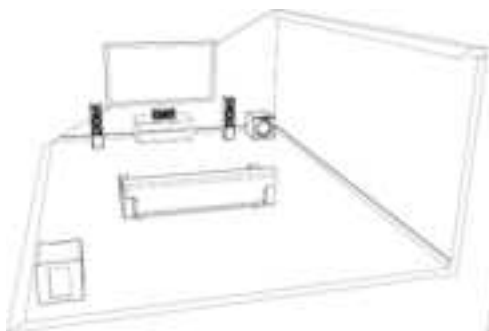
Side Wall Placement

Side wall placement is less frequently used but can be an effective subwoofer location for excellent accuracy and output.

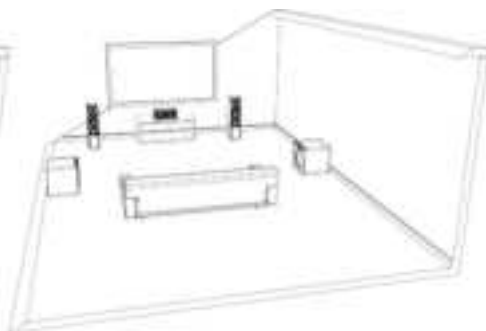


Dual Subwoofer Placement

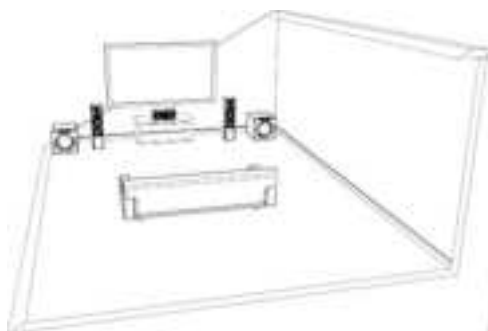
Based on our own extensive testing, and research done by the professional audio community, we recommend the following placement options for dual subwoofers:



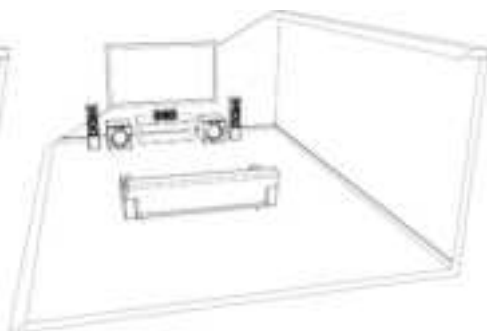
- Opposite diagonal front/rear corners.



- At the mid-points of the side walls.



- Front stage in the corners.



- Front stage flanking the center channel to the inside of the main speakers.

While the first two options are proven performers with typically excellent results, they are often difficult to implement in a living/family room environment. All rooms are different, so we recommend staying flexible and trying all possible placement options for the best results.

Your SVS 3000 In-Wall Subwoofer can be controlled from the SVS Mobile App or via the rear panel for unprecedented flexibility when optimizing performance for room layout, speakers, system set-up and more.

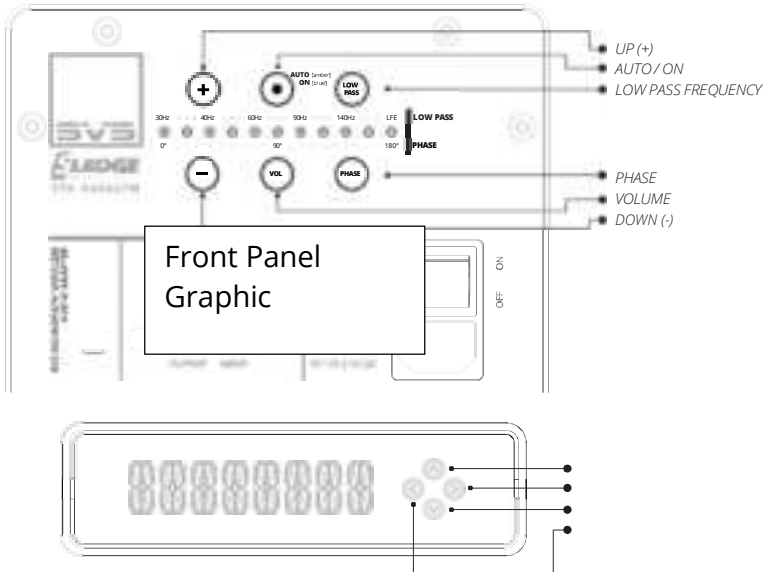
SVS Subwoofer App

Our groundbreaking SVS Subwoofer DSP app is available for free via the Apple® App® Store, Google Play™ Store and Amazon Appstore. Just search "SVS App" and follow the prompts to download to your mobile device. Once installed, there's a helpful tutorial that will guide you through each option and provide common settings to simplify the process. The SVS App operates via Bluetooth and is the only way to access all of the advanced control features available on your 3000 In-Wall. It is the most convenient option for controlling every feature.



Amplifier Front Panel

The amplifier front panel features intuitive control options for adjusting volume, low pass frequency and phase.



Volume

Adjust to make your system's low end more powerful and extended while remaining accurate. The subwoofer should sound like it's naturally adding bass for all the speakers without overly drawing attention to itself. Different content has different levels of output so it's normal to adjust volume based on source material and your personal listening preferences.

Low Pass Filter

Enables smooth sonic transition and flat frequency response between speakers and the subwoofer. This allows you to control the upper frequency cut-off to blend with main speakers. It also allows you to adjust slope, or the rate at which the low pass filter rolls off. If using an AV Receiver with a Subwoofer Output, leave in the OFF position.

Phase Adjustment

Solves sound wave cancellation issues at specific frequencies and perfectly aligns the arrival of output from speakers and subwoofers to your listening position. Normally set to 0° if the subwoofer is near the main speakers. Adjusting Phase shifts timing of the subwoofer output to align with the main speakers or additional subwoofers.

Polarity (SVS App Only)

In some cases, reversing polarity solves dips or humps at the crossover frequency between a subwoofer and speaker and can be used to fix bass nulls or overly boomy spots in the listening area. Reversing the electrical polarity of the subwoofer amplifier makes it so the woofer moves in when speaker drivers move out and is normally set to positive.

Parametric EQ (SVS App Only)

Powerful tool for removing peaks and dips in your listening area, and for creating custom subwoofer output based on personal listening preferences. Works best when used with acoustic measurements.

Allows you to set the desired center frequency of the filter, increase or decrease the SPL dB of the filter, or adjust the bandwidth of the filter.

Room Gain Compensation (SVS App Only)

Fixes bloated sounding bass by optimizing low frequency output and extension when too much sound wave density is being created by a small room.

Presets (SVS App Only)

Allows up to three pre-saved settings for movie, music and custom. This enables easy switching to optimize your 3000 In-Wall's output and settings based on your specific listening preferences with different kinds of content. If using the SVS App, these presets can be renamed as desired.

System Settings (SVS App Only)

Allows you to make further customizations and reset your subwoofer to factory settings.

Subwoofer Name

Customize the name of your subwoofer for easy preset switching.

Subwoofer Standby

Choose whether to have your subwoofer in Auto, On (Default), or Trigger mode.

Subwoofer Display

Make adjustments for:

- Content shown on the subwoofer front panel interface: Volume (default), Logo, Off
- Number of seconds before the front panel interface times out
- Brightness of display

Reset

Resets 3000 In-Wall Subwoofer back to original Factory Settings.

About this App

Provides version number and other information about the SVS App and also allows you to turn performance monitoring on/off.

FEATURE OPTIONS & RANGES	
FEATURE	RANGE / OPTION
Volume	-60dB – 0dB (1dB/step)
Low Pass Filter	LP Frequency: 30Hz – 200Hz (1Hz/step)
	LP Slope: 6dB, 12dB, 18dB, 24dB
Phase	0° – 180° (1degree/step)
Polarity	Positive (+) / Negative (-)
Parametric EQ	PEQ Frequency: 20 – 200Hz (1Hz/step)
	PEQ Boost: -12.0 – 6.0dB (0.1dB/step)
	PEQ Q Factor: 0.2 – 10.0 (0.1/step)
Room Gain Comp	RGC Frequency: 25Hz, 31Hz, 40Hz
	RGC Slope: 6dB, 12dB

- Read these instructions.
- Keep these instructions.
- Heed all warnings.
- Follow all instructions.
- Do not use this apparatus near water.
- Clean only with dry cloth.
- Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- Do not defeat the safety purpose of any polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two prongs and a third grounding point. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- Only use attachments/accessories specified by the manufacturer.
- Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
- Unplug this apparatus during lightning storms or when unused for long periods of time.
- Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
- **WARNING:** To reduce the risk of fire or electric shock, this apparatus should not be exposed to rain or moisture and objects filled with liquids, such as vases, should not be placed on this apparatus.
- This apparatus conforms to the use requirement in tropical and moderate climates, with a maximum temperature of the environment not exceeding 45°C (113°F).
- If the subwoofer is to be used in a confined space (e.g. built into furniture), the space must be ventilated to allow sufficient air to circulate and cool the unit.
- To completely disconnect this equipment from the mains, disconnect the power supply cord plug from the receptacle.
- The mains plug of the power supply cord shall remain readily operable.



The lightning flash with arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of uninsulated "dangerous voltage" within the products enclosure that may be of sufficient magnitude to constitute risk of electric shock to persons.



The exclamation point within a triangle is intended to alert the user to the presence of importance operating and maintenance (servicing) instructions in the literature accompanying the product.

FCC Statement

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This device must not be co-located or operating in conjunction with any other antenna or transmitter.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

To comply with FCC's and Industry Canada's RF radiation exposure limits for general population/uncontrolled exposure, this device must be installed to provide a separation distance of at least 20cm from all persons.

***WARNING:** Any changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.*

IC Statement

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes: (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement. The device is compliance with RF field strength limits, users can obtain Canadian information on RF exposure and compliance.

Le présent appareil est conforme de ce matériel aux conformités ou aux limites d'intensité de champ RF, les utilisateurs peuvent sur l'exposition aux radiofréquences et la conformité d'acquérir les informations correspondante.

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada. CAN ICES-3 (B) /NMB-3(B).

Cet équipement est conforme aux limites d'IC RSS-102 sur l'exposition aux radiations qui sont déterminées pour un environnement non contrôlé. Cet équipement doit être installé et utilisé en observant une distance minimum de 20 cm entre la source du rayonnement et votre corps.

Your SVS Subwoofer may be gently cleaned as follows:

- Use a dry In-Wallfiber duster to remove any loose surface dust.
- Use a water-damp In-Wallfiber cloth to remove fingerprints, smudges and other contaminants. Wipe in one direction only, with the grain if applicable.
- Follow any damp cleaning immediately with a dry In-Wallfiber cloth. Again dry wipe in one direction only, with the grain if applicable.

WARRANTY & SUPPORT**5-YEAR UNCONDITIONAL WARRANTY**

SVS offers the industry's most comprehensive warranty on all our products. SVS warrants this subwoofer and all of its products to be free from defects in the workmanship for 5 years from date of purchase.

This, and all of the SVS customer Bill of Rights can be viewed online at:

www.svsound.com/bill-of-rights.

SHARE YOUR THOUGHTS

Our SVS Sound Experts are standing by from Monday to Friday from 9AM-9PM ET, Saturday from 12PM-6PM, and Sunday from 12PM-4PM to assist you with subwoofer set-up and optimization, AV Receiver settings and more. They can be reached by phone, email or chat via the options below.

Specialty Technologies LLC, 340 Victoria Rd Youngstown Ohio 44515, USA.

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We also invite you to share a review on our website and to join our fun and active social media community where we share reviews, featured systems, interesting audio articles and more.



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