

PC4000 Piano Gloss black SVS

2 749,00 €

**Galerie**



## Description courte du produit

- Driver | 13.5"
- Amplifier | 1200 watts RMS (4000+ watts peak)
- Freq. Response | 17-200 Hz  $\pm 3$  dB (20 Hz mode)  
16-200 Hz  $\pm 3$  dB (16 Hz mode)  
15-200 Hz  $\pm 3$  dB (sealed mode)
- Port Size & # | Triple 3.5"

## Description du produit

### PC-4000 Subwoofer

A tower of bass without peer across the world of audio, the PC-4000 is an icon of SVS design innovation standing tall as the most sophisticated cylinder subwoofer SVS has ever developed. Room-energizing output and deep bass extension below the threshold of human hearing with less than half the floorspace required of comparable ported box subwoofers. An effortlessly powerful amplifier and driver combine with advanced DSP technology for a level of performance and user control not seen at this price before. The PC-4000 also comes standard with the SoundPath Subwoofer Isolation System for cleaner sounding bass with increased definition and more punch without room rattle and reduced bass bleed to the rest of the house.

### Reference Caliber Bass with Less Floorspace Required

The SVS PC-4000 powered subwoofer astounds with its ability to command a room with massive low frequency output and deep bass extension that can be heard and felt while maintaining accuracy and control, all from a cylinder cabinet measuring only 16" in diameter. With trickle down technology from the 16-Ultra Series, named top subwoofers in the world by nearly every audio publication and industry group in 2017, the PC-4000 shatters expectations and delivers a level of unrivaled subwoofer performance only available from SVS.

## High-Excursion SVS Driver – Legendary SVS Output and Control

The PC-4000 subwoofer driver delivers on the full potential of the Sledge STA-1200D amplifier's immense power with precision and control to produce room energizing SPLs and effortless low frequency extension with pinpoint accuracy at all drive levels.

- Dual ferrite magnet motor assembly weighing nearly 40lbs generates immense magnetic force and excursion of the 13.5-inch driver to produce massive low frequency output well below the limits of human hearing.
- Edge wound voice coil with eight-layer aluminum flat wire minimizes distortion and power compression while providing excellent heat dissipation and linearity ensuring precise control.
- Lightweight and rigid composite cone with premium glass fiber dustcap generate massive output with pinpoint accurate frequency response.
- Proprietary injection molded gasket and long-throw parabolic surround ensure longevity and allow extreme excursion and SPLs.

## Sledge Amplifier – Massive Output, Sophisticated DSP, Advanced Power Management

Rated conservatively at 1,200 watts RMS, and 4,000+ watts peak power, the PC-4000 Sledge STA-1200D amplifier uses an efficient Class D design combined with fully discrete MOSFET output and a sophisticated Analog Devices DSP engine. The result is a level of effortless power and advanced processing not available from any other powered subwoofer manufacturer.

## High Current Output of Fully Discrete MOSFETs with Efficiency of Class D Amplifier

Efficiency of a Class D amplifier with the ability to move massive amounts of current through the fully discrete MOSFETs enabling immense output and precise control for outstanding real-world subwoofer performance at all drive levels.

## Sophisticated 50Mhz High Resolution Analog Devices Audio DSP

Most advanced digital processor ever used in a subwoofer maintains pinpoint accuracy and pristine sound quality through advanced in-room tuning, optimized frequency response curves, powerful DSP controls and more.

## Variable Port Tuning Modes

Foam port plugs come standard with the PC-4000 and allow for variable tuning. Each response curve for the three port tuning modes; standard, extended and sealed, is fully configured to the respective mode to achieve balanced and accurate low frequency response with all tuning preferences.

## Active Power Factor Correction (PFC) & Ground Loop Isolation

Serves as a line conditioner, surge suppressor and voltage regulator letting the amplifier deal with wide voltage fluctuations and ensuring the subwoofers operate flawlessly on any household circuit no matter how unstable the incoming current. An isolated circuit creates a vanishingly low noise floor by eliminating the potential for ground loop hums from outside components resulting in absolute sonic transparency.

## PC-4000 Smartphone App – Easiest Way Ever to Manage Subwoofer DSP and Control

Groundbreaking smartphone app works with Apple iOS® and Android® devices to unleash the full depth, force and nuance of the PC-4000 powered subwoofer by controlling all DSP functions including: volume, parametric EQ, low pass filter, phase, polarity, room gain, port tuning, custom presets and system settings.

- Connects via Bluetooth for convenient control even when subwoofer is out of sight.
- 3-band parametric EQ controller allows precise adjustments for frequency slope and Q factor down to the single Hz level with four different slopes, so users can improve performance by eliminating peaks, nulls and other room issues.
- Stores 3 custom presets for movies, music and other listening experiences such as sports or gaming.
- 2-way feedback shows updates in real time on both the app and subwoofer interface

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## SoundPath Subwoofer Isolation System for Cleaner, Tighter Bass with Less Room Rattle

Elastomer feet on the PC-4000 improve bass performance while reducing floor and wall vibrations, noise artifacts and complaints from neighbors or roommates. De-coupling a subwoofer from the floor results in inherently tighter and cleaner sounding bass. It's also the next best thing to sound-proofing and ideal for carpeted rooms, hardwood floors or any space where room rattles, buzzes or vibrations are present.

## Acoustically Inert and Rigidly Braced Ported Cylinder Cabinet Design

An inlaid front panel display, the first of its kind for an SVS cylinder subwoofer, and a stylish and durable fabric cabinet covering give the PC-4000 a refined yet commanding look that blends visually with home theaters and high-end audio systems. The unique cabinet design goes vertical to increase cabinet volume to achieve incredible low frequency output on par with much larger ported box subwoofers, but with much less floorspace required.

- Double thick 2-inch MDF cabinet walls and rigid internal bracing to support the massive drive unit and to ensure an acoustically inert environment.
- Highly reinforced internal design and acoustic insulation eliminates all coloration or resonance from the cabinet, even when the deepest low frequencies are played at reference volume.
- Protective, non-resonant steel mesh grille and custom elastomer feet for reducing noise artifacts within a room.

SVS Subwoofer Design Philosophy Frequency Response / Acoustic Data: \* Frequency response graph does not denote maximum output capability

- 17-200 Hz  $\pm$  3 dB (standard mode)
- 16-200 Hz  $\pm$  3 dB (extended mode)
- 15-200 Hz  $\pm$  3 dB (sealed mode)
- Roll-off slope specifically optimized to take maximum advantage of available room gain.
- 2-meter ground plane away from reflective structures (quasi-anechoic).

## Subwoofer Specs:

- Piano Gloss Black finish
- Protective non-resonant steel mesh grille
- Down-firing 13.5" driver
- Rear-mounted amplifier
- Screw-in elastomer SoundPath Subwoofer Isolation System
- Robust Medium Density Fiberboard (MDF) cabinet construction
- Cabinet Dimensions: 46.9" (1190mm) H X 16.5" (419mm) Diameter
- Shipped Dimensions: 50.9" (1292mm) H X 18.8" (478mm) W X 19.2" (487mm) D
- Weight (unboxed): 92.4 lbs. (41.9 kg)
- Shipped Weight: 108.8lbs (49.35kg)

## Driver Specs:

- High performance SVS 4000 Series Subwoofer Driver - optimized for ported cabinet design.
- Proprietary 13.5" Down-Firing Driver with finely tuned Underhung Motor Configuration
- 49.6lb (22.5kg) pound Woofer with 44.3lb (20.1kg) pounds for the motor
- Underhung 53mm Xmax, 91.6mm Xmech precision aligned excursion
- 8-layer aluminum flat wire edge wound 3" voice coil for ultra-low distortion, efficient heat dissipation, exceptional linearity and nearly zero power compression.
- Two massive, dedicated toroidal ferrite magnets generate unparalleled levels of magnetic force to drive the highest levels of excursion, SPL, and start/go power for the deepest and most authoritative bass possible.
- All-new High density FEA-optimized cast aluminum basket provides unequalled levels of rigidity, tensile strength, and energy transference available from a subwoofer.
- Dual 24-strand copper and Nomex composite high-temperature leads woven through the suspension provide a pristine electrical connection from the amplifier to the voice coil.
- Premium glass fiber laminated dustcap and reinforced and vented paper-composite cone sub-structure ensure a light, ridged, and neutral radiating surface.
- Precision machined motor elements and narrow tolerance suspension parts produce unmatched linearity at full excursion for exceptionally tight and fast output, even at reference volumes.
- Extreme oversized low carbon vented steel U-yoke and top plate provide superior cooling and improved

magnetics for maximum performance and efficiency.

- Copper ring shorting sleeve reduces gap induction and distortion, enhances thermal conductivity
- Nickle-plated high-tension spring terminals
- Proprietary injection molded gasket and parabolic SBR extreme-excursion surround maintains ideal pistonic motion for pinpoint accuracy and control
- Low carbon 1008 steel components with black electrophoresis plating

## Amplifier Specs:

- Massively powerful Sledge 1,200-watt continuous Class D design with 4,000+ watts of Peak Power.
- Unmatched intelligence from user adjustable low pass, phase, polarity and room gain compensation with three parametric EQs and port tuning (Ported models only) for absolute best alignment with speakers and optimized performance in any room.
- Groundbreaking SVS Bluetooth DSP control app for iOS and Android devices with three user presets allow custom tuning for every room and system.
- High efficiency cool-running Class D switching topology with massive 32 Amp 600 Volt MOSFET's result in lower EMI and highest efficiency while providing effortless power to produce SPLs and low frequency output with pristine clarity well beyond reference listening levels.
- High resolution 50Mhz Analog Devices Audio DSP with double precision 56bit filtering is most advanced subwoofer processor available for perfect audio reproduction.
- 100v-240v full range input active Power Factor Correction (PFC) pre-regulates mains to solid 360V DC regardless of mains voltage or quality so the sound quality never falters no matter what's coming out of the wall
- Active PFC lowers average current and smooths mains input current allowing for 1200W output from a standard 15A mains circuit.
- XLR and RCA stereo input/output with ultra-wide input voltage for consumer and professional audio applications.
- Convenient front-mounted display featuring new Intelligent Feature Control (IFC) with bright blue dimmable/defeatable 8-digit LED front display.
- Custom EQ and DSP limiter settings tuned specifically for the PC-4000 cylinder cabinet design. Auto/On and 3-30V AC/DC trigger for Maximum Installation Convenience.
- Input impedance 22kohm (unbalanced RCA)/ 22kohm (balanced XLR).
- Green 0.5-watt low standby power consumption
- RoHS compliant, lead-free construction, world-wide safety certifications

## SVS App Specs:

- The most powerful and flexible Bluetooth controlled subwoofer DSP app, works with both iOS and Android operating systems.
- Easiest and most convenient way to adjust crossover frequencies, parametric EQ, polarity, room gain and all other bass management functions.
- Three convenient custom presets allow for perfect tuning in any room or system, from your favorite seat.
- Single tap adjustment for controlling variable port tuning with standard, extended and sealed modes.
- Unique bidirectional feedback shows adjustments in real time on both app and subwoofer interface.
- Easy-to-follow tutorial provides clear guidance for all functions.