

## **PB-3000 R|Evolution QUICK SPECS:**

- **Driver:** High-Excursion 13-inch SVS Driver
- **Amplifier:** 1,200 watts Continuous (4,000+ watts peak), Class D
- **Frequency Response:**
  - 16Hz to 235Hz +/-3dB (standard mode – all ports open)
  - 17Hz to 270Hz +/-3dB (sealed mode – all ports sealed)
- **Dimensions:**
  - Dimensions: 21.9" (557mm) H X 18.3" (465mm) W X 24.7" (626mm) D

## **Frequency Response / Acoustic Data:**

- 16Hz to 235Hz +/-3dB (standard mode – all ports open)
- 17Hz to 270Hz +/-3dB (sealed mode – all ports sealed)
- Expect 2-3Hz deeper extension in small to mid-size rooms.
- 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 and Premium Black Ash options
- Front Firing 13-inch high-excursion driver
- Dual High-flow 3.5-inch ports
- Amplifier Rear Panel OLED and control interface provide fast and direct control of the most important features and includes a convenient "Display Flip" function.
- Protective non-resonant extra-thick ABS grille frame with fabric mesh cover shields driver to prevent damage while ensuring longevity.
- Robust Medium Density Fiberboard (MDF) cabinet construction with internal bracing for resonance free performance at highest drive levels.
- Screw-in Iso-elastomer feet reduce noise artifacts and improve stability
- Dimensions (w/ grille): 21.9" (557mm) H X 18.3" (465mm) W X 24.7" (626mm) D
- Dimensions (without grille): 21.9" (557mm) H X 18.3" (465mm) W X 23.5" (597mm) D
- Shipped Dimensions: 26.6" (675mm) H X 24.4" (619mm) W X 29.1" (739mm) D
- Weight (unboxed): 85.1 lbs. (38.6 kg)
- Shipped Weight: 104.3 lbs. (47.3 kg)

## **Driver Specs:**

- Proprietary 13-inch long-throw driver with high-precision tuned overhung motor configuration.
- 24.1lb (10.5kg) pound Woofer with 18.5lb (8.4kg) pounds motor
- 30.1mm Xmax, 72.9mm Xmech precision aligned excursion
- SVS industry leading flat edge wound split-wind voice coil provides maximum magnetics at high excursion while reducing mass and improving overall driver efficiency. Built around an premium grade aluminum 2" former for maximum thermal conductivity

- Two massive, dedicated toroidal Y30 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.
- High density FEA-optimized Powder-coated cast aluminum basket provides unequalled levels of rigidity, tensile strength, and energy transference available from a subwoofer.
- Two balanced 24-strand silver plated Litz wire high temperature leads woven through the 6.5" 2-ply Nomex composite linear spider provide a pristine electrical connection from the amplifier to the voice coil.
- Vented 13" 1100 Aluminum cone ensures a light, rigid, 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 T07A steel T-yoke and SPHC steel top plate provide superior cooling and improved magnetics for maximum performance and efficiency.
- 6063 Aluminum shorting sleeve reduces gap induction and distortion, enhances thermal conductivity, and improve magnetic linearity.
- Nickel-plated high-tension spring terminals.
- Proprietary injection molded gasket and SBR extreme-excursion surround maintains ideal piston motion for pinpoint accuracy and control.

#### **Amplifier Specs:**

- Massively powerful 1,200-watt continuous Class D design with over 4,000 watts of Peak Power.
- 50% Higher Continuous power output than the previous 3000 Series
- High resolution 295Mhz Analog Devices Audio DSP with double precision 56bit filtering, with over 5x the processing power of our previous subwoofers, the most advanced subwoofer processor available for perfect audio reproduction.
- The Switch Mode Power Supply (SMPS) employs dual discrete 65Mhz PMUs (Power Management Unit) that work with the DSP to monitor amplifier output voltage and current, AC main input voltage and current, and numerous temperature sensors. This maximizes system performance and reliability under all operating conditions with optimal efficiency.
- DSP runs real time complex power management algorithms, monitoring the real-time power, driver excursion, and current thousands of times per second. This allows the DSP to drive precisely regulated clean voltage, greatest headroom, and maximum current to push the driver's voice coil with optimized efficiency.
- Advanced audiophile grade 56bit digital audio processing and premium DACs (Digital-to-Analog Converters) with more than 120 dB Signal-to-Noise Ratio provide greater headroom, lower noise, and flawless fidelity.
- Discrete Class D amplifiers create effortless and endless power from four massive 60A 200V MOSFETs, resulting in lower EMI and highest efficiency while providing effortless power each voice coil, producing SPLs and low frequency output with pristine clarity well beyond reference listening levels.
- All new Switch Mode Power Supply (SMPS) with a high-efficiently resonant LLC ensuring a

consistent regulated 160V rail voltage for the amplifier.

- < 0.05% THD+N at rated power (70% to 90% lower than previous generation), ensuring exacting signal integrity at all drive levels.
- New convective cooling plate design pulls cool outside air through vents at the bottom of the amplifier plate, flowing over the amplifier components and internal heat sinks, eliminating the need for an external heatsinks.
- Customer EQ and DSP limiter settings specifically for the 3000 R|Evolution series allow the subwoofer to take control of a room and pressurize it with accurate, heart-pounding, acoustically tuned bass.
- Unbalanced RCA 10kohm input impedance (compatible with consumer and professional audio up to 4Vrms inputs)
- Balanced XLR 18kohm input impedance (compatible with consumer and professional audio up to 4Vrms / +14dBu inputs)
- OLED and control interface with easy control of the most important features
- USB 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.
- Auto/On and Trigger options through App for maximum installation convenience (3.5mm trigger Input 3-12V AC/DC)
- 3.5mm IR input for easy integration with control systems
- Green 0.5-watt low standby power consumption
- RoHS compliant, lead-free construction, world-wide safety certifications.

#### **SVS App Features:**

- Compatible with Apple iOS, Google Android, and Amazon Fire platforms, the industry leading SVS Subwoofer Control Smartphone app allows convenient and intuitive management of all subwoofer controls.
- The Analog Devices DSP supports a comprehensive menu of functions, including volume, fully adjustable low pass filter, phase, polarity, six PEQs, room gain compensation, tuning modes, power management settings, and more.
- Includes three convenient memory presets for fast and easy global system adjustments to match listener preferences.
- Subwoofer Auto Room Equalization (Coming Soon) will use your mobile device built-in microphone, or an accessory microphone (Coming Soon) to measure the acoustic performance of your subwoofer in your room and automatically calculate precision equalization filters to optimize the subwoofer and room combined performance at your listening position.
- Unique bidirectional feedback shows adjustments in real time on both app and subwoofer interface.
- Easy-to-follow tutorial provides clear guidance for all functions.

#### **Included Accessories:**

- Protective non-resonant extra-thick ABS grille frame with fabric mesh cover
- Iso-elastomer feet

- 2 Foam port tuning plugs
- Extra heavy-duty, high current 6' power cord
- Quick Start Guide