Frequency Response / Acoustic Data:

120 dB

Quasi-Anechoic FR

SPL VS FREQ
SVS SB16-ULTRA SUBWOOFER

110

100

90

80

70

60

10   20   30   50   100   200   300   Hz

* Frequency response graph does not denote maximum output capability
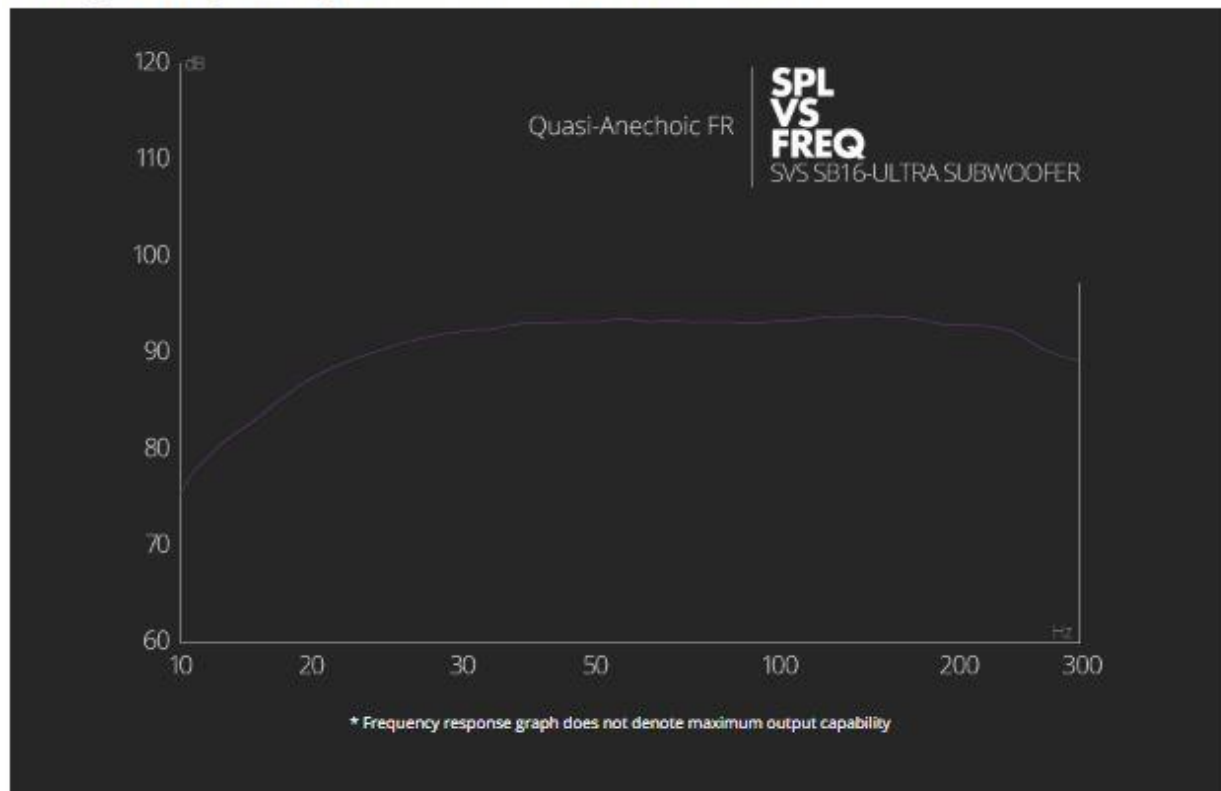
» 16-460 Hz +/- 3 dB

» 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:

» Black Oak and Piano Gloss Black finish options

» Protective non-resonant steel mesh grille

» Front-firing 16" driver

» Rear-mounted amplifier

» Screw-in rubber feet

» Robust Medium Density Fiberboard(MDF) cabinet construction

» Cabinet Dimensions: 20" (H) x 19.5" (W) x 20.1" (D) (without grille)

» Cabinet Dimensions (with grille): 20" (H) X 19.5" (W) X 22.9" (D)

» Shipped Dimensions: 24.9" H X 25.1" W X 30.3" D

» Weight (unboxed): 122 pounds

» Shipped Weight: 145.9 pounds

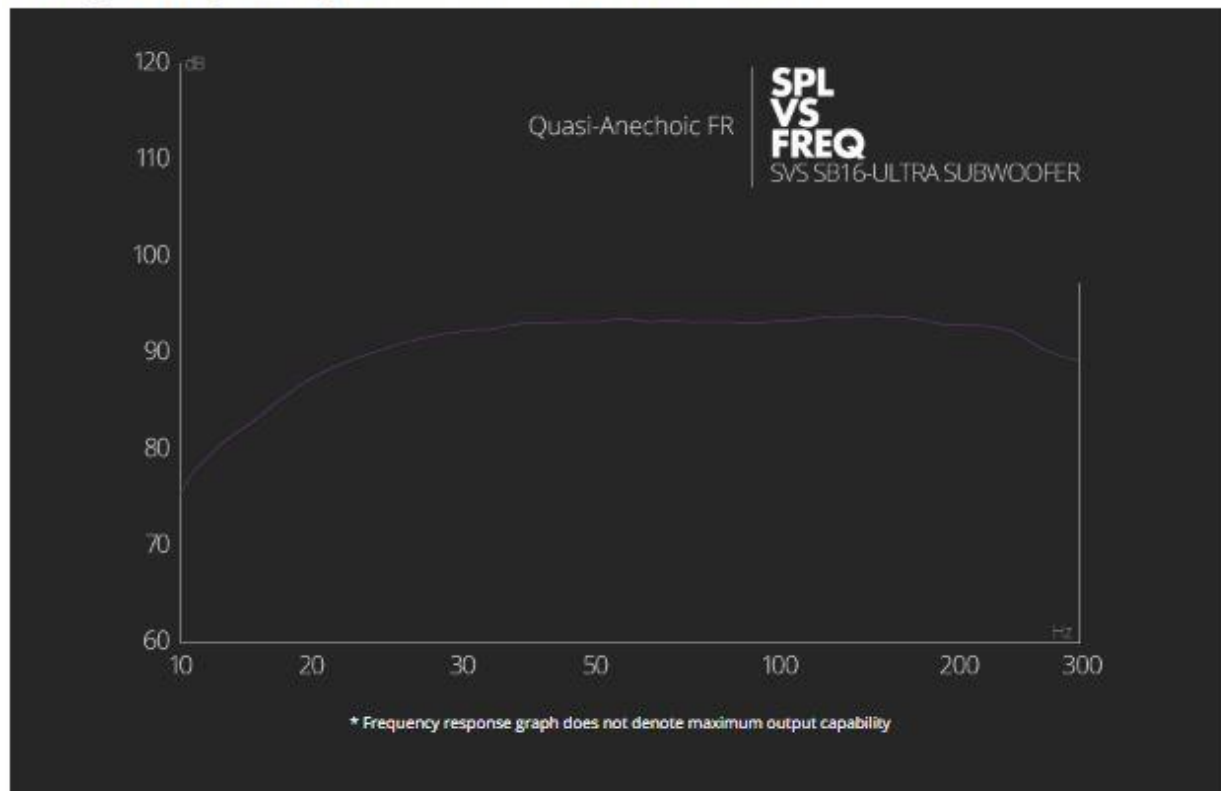## Driver Specs:

» SVS 16" Ultra-series driver

» Powder-coated cast aluminum basket

» Four high-grade ferrite magnets

» Finite Element Analysis (FEA)-optimized motor structure

» Dual shorting rings reduce gap induction and lower distortion

» Extended pole piece improves heat sink and thermal management properties

» 8" diameter, high-power edge wound voice coil

» 78mm peak to peak Xmech excursion (65mm Xmax)

» Upgraded Nomex spider for improved linearity and driver control at extreme drive levels

» Dual 24-strand copper and Nomex composite high-temperature leads provide a pristine electrical connection from the amplifier to the voice coil

» Premium glass fiber laminated dustcap and reinforced composite cone sub-structure ensure a light, ridged, and neutral radiating surface

» Low-creep rubber long-throw surround for excellent durability and longevity

Amplifier Specs:

- » Sledge STA-1500D DSP amplifier
- » 1,500 watts RMS continuous (5,000+ watts peak dynamic)
- » Efficient and cool-running Class D topology
- » High resolution 50Mhz Analog Devices Audio DSP with double precision 56bit filtering is most advanced subwoofer processor available for perfect audio reproduction
- » Active PFC (Power Factor Correction) ensures the cleanest 1500W output regardless of your home mains supply
- » XLR and RCA stereo input/output with ultra-wide input voltage for consumer and professional audio applications
- » Convenient front-mounted display with subwoofer controls and 8 digit LED display
- » Groundbreaking Subwoofer Control and Bass Management Smartphone App for Apple and Android Devices
- » IR Remote Control
- » Three user adjustable parametric EQs

- » Continuously variable volume/gain control
- » Continuously variable (0-180 degrees) phase control
- » Continuously variable (30-200 Hz) 6, 12, 18, or 24 dB/octave low pass filter frequency with disable/LFE setting
- » Main power rocker switch
- » Auto-On / On / Trigger Controls
- » 3-12V trigger with 1/8" (3.5 mm) TRS mini-jack input
- » Green standby mode with > 0.5 watts consumption
- » Input impedance 22kohm (RCA)/ 22kohm (XLR).
- » RoHS compliant, lead-free construction and world-wide safety certifications
- » Detachable power cord

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