

# SA-200 & SA-400

SUBWOOFER AMPLIFIERS



REDEFINING THE WAY YOU EXPERIENCE SOUND.™

# RBH Sound Subwoofer Amplifiers

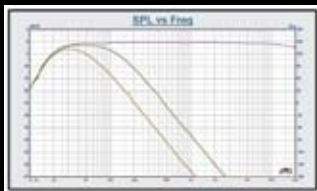
RBH Sound Subwoofer Amplifiers provide the power you need for an intense, pulse-pounding home theater experience. Packed with features, the RBH Sound SA-200 and SA-400 amplifiers make it easy to add deep, clean and powerful bass to your audio system.

## SA-200 & SA-400 Features and Specifications:

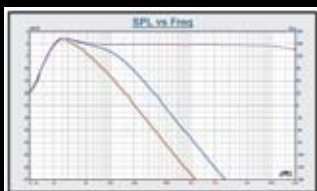
- Variable level control
- Auto turn on/off (defeatable)
- Short circuit & thermal protection
- 0°-180° Continuously variable phase control
- 4 ohm stable
- Accepts speaker or pre-amp level audio signals
- Bass Boost (defeatable)
- Satellite high-pass crossover (when speaker-level inputs used)
- Variable low pass crossover (defeatable)
- 115/230 V ~ 60/50Hz

### Excellent For:

- In-wall Subwoofers
- In-floor Subwoofers
- In-ceiling Subwoofers
- Heat Sensitive Installations
- Multiple Subwoofers
- Custom Subwoofer Designs



**Frequency Response (no boost)**  
 — Filter off  
 — Filter on, set at 180 Hz  
 — Filter on, set at 40 Hz



**Frequency Response (with boost)**  
 — Filter off  
 — Filter on, set at 180 Hz  
 — Filter on, set at 40 Hz

The RBH SA-200 or SA-400 coupled with an RBH passive subwoofer provides a flexible alternative to the typical "built-in" subwoofer amplifier.



### SA-200 Subwoofer Amplifier

**Amplifier Type:** Discrete Class A/B  
**Power Output:** 200 Watts @ 4 Ohms  
**Distortion (THD):** < .04% @ 1 Watt  
**S/N Ratio:** > 82dB (without filter)  
**Input Impedance:** 45 Kohms (line level)  
 200 Ohms (speaker level)  
**Input Sensitivity:** 80 mV (line level)  
 2.8 V (speaker level)  
**Crossover Slope:** 12 dB/octave  
**Crossover Freq. Range:** 40Hz-180Hz -3dB (variable)  
**Auto Turn-on Sensitivity:** 2 mV @ 50 Hz  
**Turn-off Delay Time:** 15-20 Minutes  
**Frequency Response:** 20Hz-40kHz -3dB (filter off)  
 15Hz-40kHz -3dB (boost on)  
**Boost:** 4 dB @ 25 Hz  
**Damping Factor:** > 200  
**Dimensions:** 17 3/4" W x 4" H x 14" D  
 (without rack mounts) (451mm W x 102mm H x 356mm D)  
**Dimensions:** 19" W x 4" H x 14" D  
 (with rack mounts) (483mm W x 102mm H x 356mm D)  
**Rack Mount Holes:** 18" (457mm) (center to center - horizontal)  
 3" (76mm) (center to center - vertical)  
**Weight:** 17 Lbs. (7.71 Kg)

### SA-400 Subwoofer Amplifier

**Amplifier Type:** Discrete Class A/B  
**Power Output:** 400 Watts @ 4 Ohms  
**Distortion (THD):** < .03% @ 1 Watt  
**S/N Ratio:** > 84 dB (without filter)  
**Input Impedance:** 45 Kohms (line level)  
 200 Ohms (speaker level)  
**Input Sensitivity:** 80 mV (line level)  
 2.9 V (speaker level)  
**Crossover Slope:** 12 dB/octave  
**Crossover Freq. Range:** 40 Hz to 180 Hz -3dB (variable)  
**Auto Turn-on Sensitivity:** 2 mV @ 50 Hz  
**Turn-off Delay Time:** 15-20 Minutes  
**Frequency Response:** 20 Hz — 40 kHz -3dB (filter off)  
 15 Hz — 40 kHz -3dB (boost on)  
**Boost:** 4 dB @ 25 Hz  
**Damping Factor:** > 200  
**Dimensions:** 17 3/4" W x 4" H x 14" D  
 (without rack mounts) (451mm W x 102mm H x 356mm D)  
**Dimensions:** 19" W x 4" H x 14" D  
 (with rack mounts) (483mm W x 102mm H x 356mm D)  
**Rack Mount Holes:** 18" (457mm) (center to center - horizontal)  
 3" (76mm) (center to center - vertical)  
**Weight:** 25 Lbs. (11.34 Kg)



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