

HSS Model 3000 Twin Emitter Stereo* System with HyperSonic® Sound

Focus sound exactly where you want it
and nowhere else

*Single emitter mono product also available



Innovative Directed Audio Solutions™

Representing a leap forward in directional audio capability, HSS-III products offer directional control with superior audio quality. HSS-III is the newest generation of HyperSonic Sound systems from multi-award winning inventor Elwood "Woody" Norris.

HSS-III directional audio solutions provide ultimate directional control without trading sound quality as experienced in the past. Directional audio control has not always been feasible due to lack of performance and/or prohibitively high equipment prices.

A no-compromise solution is now available from Parametric Sound Corporation. HSS-III will impress customers with an immersive audio experience adding a new dimension to both video and traditional display applications. The small, light-weight form factor and ease of installation provide for limitless application possibilities.



The HSS Advantage:

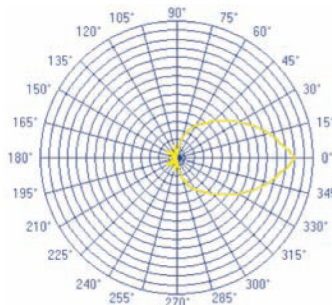
- Superior audio quality for all media
- High quality design
- No additional equipment or custom cabling required
- Easily embedded into most hardware configurations
- Lowest total cost of ownership to meet directional audio budgets
- HSS-III continues to be the industry standard for directional audio



Electrical	
AC power cord length	1.5 meters (5 feet)
Speaker cord length	1.5 meters (5 feet)
Power requirements	
Wattage	Only 15 watts per channel required
Electrical ratings	
Universal power supply	
Input	100V-240V-50/60 Hz
Output	30V DC @ 1.5 Amps
Mechanical	
Emitter physical dimensions (each):	12.5 x 6.5 x 1.0 inches
HSS-3000 amplifier box	6.5 x 6.5 x 2 inches
Unit weight (complete with two emitters)	6 pounds (2.7 kg)
Colors	
Black	HSS-3000B
White	HSS-3000W
Environmental	
Operating temperature	0°C to 40°C (32° to 104°F)
Storage temperature	-20°C to 50°C (-4° to 122°F)
Operating humidity range	0 to 95% (non-condensing)
Storage humidity range	0 to 95% (non-condensing)
Ultrasonic and DSP Processing	
Carrier frequency	In range of 40 to 50 kHz
Modulation method	Proprietary and patent pending processing
Ultrasonic emitter type	Proprietary, patented and patent pending monolithic film transducer
Audio	
Input impedance	10k Ohms
Input connectors	1 RCA style connector (per channel)
Emitter cable connectors	2 banana style connectors (per channel)
System configuration	Stereo 2 channel or 2 separate mono channels
Max input for max output	160 mVrms per channel
Frequency response	250 Hz to 15kHz
System	
Max audio SPL output	90 dB @ 1 kHz/1 Meter (single emitter) 89 dB @ 1 kHz/3 Meter (single emitter)
Power amplification	
Amplifier type	Customized Class D digital
Power requirement for full output potential	15W per channel



Single Emitter Polar Plot @ 1kHz



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