



SAT 6.5 - 6½" Active Satellite

General Specifications

Input Impedance	40k Ohms balanced
Common Mode Rejection Ratio	40dB typical 60Hz
Voltage Sensitivity	200mV = 90dB SPL @ 1M
Maximum Input Level	+24dBu balanced
Frequency Response	+/- 1.5dB 200 to 10kHz +/- 3.0dB 80 to 20kHz
Low Frequency Cutoff	80Hz
Low Frequency Rolloff	12dB per octave
System Q	.707
System Crossover Frequency	1.5kHz
System Crossover Slope	4th order Linkwitz-Riley Acoustic

Enclosure

- * Solid ¾" MDF construction with 1" front and rear baffle
- * Viscoelastic energy absorbing front baffle coating
- * ¼"x 20 inserts for attachment of OmniMount type 60 brackets (formerly known as the 100 Series).
- * Dimensions are 12" H x 8" W x 10 ¼" D (11.88" with heatsink and tweeter wave guide)
- * Weight 27lbs.

6½" Hemispherical Woofer

- * Long excursion design with a cast aluminum frame
- * 1½" aluminum voice coil with vented motor for high power handling
- * Copper shorting ring for lower distortion.
- * Ultra-Low power compression
- * Mica filled polypropylene cone and rubber surround
- * Fully video shielded

1" Tweeter

- * Dual concentric diaphragm with integral wave guide
- * High power handling neodymium motor structure
- * Fully video shielded
- * Sub 1Khz primary resonance

Satellite Amplifier

- * Discrete symmetrical bipolar design with localized feedback
- * 100-Watts RMS into 4-Ohms for the woofer
- * 100-Watts RMS into 4-Ohms for the tweeter
- * THD + Noise less than 0.015% at rated output @1kHz
- * XLR balanced input
- * Adjustable gain control.
- * Computer optimized crossover

