



SAT USB-250F System Management Amplifier

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The SAT USB-250F is a powerful 250W system management amplifier designed for versatility and reliability.

Equipped with multiple input options including Bluetooth, USB, and AUX, it is perfect for a variety of audio setups.

Its robust build, graphic equalizer, and built-in protection features make it ideal for professional and commercial applications.

Key Features

- 250W RMS power output for medium-sized installations
- Built-in Bluetooth for wireless audio streaming
- Supports USB, SD card, and AUX inputs for versatile connectivity
- 5-band graphic equalizer for precise audio tuning
- Multiple microphone and line inputs with independent volume controls
- Overload, short-circuit, and overheat protection features
- Standard rack-mount design (2U/3U) with durable construction
- LED indicators for power and signal monitoring





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Technical Specifications

Specification	Details
Power Output	250W RMS supporting 4Ohm, 8Ohm, 70V, or 100V
Frequency Response	50Hz - 16kHz
Input Sensitivity	MIC: 600 Ohms, LINE: 10k Ohms
Output Impedance	4Ohm, 8Ohm, 16Ohm, 70V, 100V configurations
Bluetooth Range	10-15 meters (depending on environment)
THD (Total Harmonic Distortion)	Less than 0.5% at full power
Dimensions	Standard rack-mount size (2U/3U)
Power Supply	AC 220-240V, 50/60Hz
Weight	Approximately 6-10kg (varies by build)