



YAMAHA

SW500 POWERED SUBWOOFER





Add Punch to Your System

Portable PAs often lack the punchy, chest-thumping low-end delivered by club installs and concert rigs. Adding subs, crossovers, and more amplifiers in order to get it has been a pricey proposition...until now!

The SW500 powered subwoofer makes adding massive bottom end to your sound system an easy operation. Built into the high-grade plywood bass reflex enclosure is a 500-watt power amplifier that drives the long-throw, cast-frame 15" driver. The amplifier utilizes Yamaha's EEEEngine technology for greater performance and efficiency with low current draw, low heat and reduced weight.

On its back panel, the SW500 has dual XLR inputs (which accept either mono or stereo sources) and two sets of XLR outputs (one that passes a full range signal and one that incorporates a 100 Hz high pass filter). To further enhance its sonic performance, the SW500 has a phase reverse switch and a control for adjusting low-end roll-off frequency.

A pole mount is provided for adding a full-range cabinet above the SW500.

General Specifications

Frequency response	40Hz-120Hz (-10dB)
Maximum SPL	122 dB (1m)
Dimensions w/h/d	19" x 24 $\frac{3}{8}$ " x 24 $\frac{1}{4}$ "
Weight	80 lbs.

Loudspeaker Section

Driver	15" cast frame, with 3" voice coil
Enclosure type	Bass reflex
Cabinet material	Plywood
Finish	Elastomeric polymer coating

Amplifier

Output power	500W @ 100Hz, THD= 1%, RL= 8"
	650W burst power output
Input sensitivity	+4dB
Impedance	30k
Input connectors	2 x XLR-3-31 (balanced)
Line outputs	2 x Thru out XLR-3-32 (balanced)
	2 x High pass out XLR3-32 (balanced)
	(100Hz, 18dB/oct, +4dB)
Controls	Cutoff frequency control: 80Hz to 100Hz Phase switch: Normal/Reverse Level
Power requirement	AC120V/60Hz
Power consumption	200W (avg)
Optional accessories	48" speaker pole