

500-Watt Multiple Use Subwoofer Amplifier



RSA-500

While the RSA-500 subwoofer amplifier was primarily designed for use with the RW-5802 in-wall subwoofer, it also features custom settings for the AW-800-SW outdoor subwoofer and the RW-5101-C in-ceiling subwoofer.

This high-powered device will drive up to two of any of these subwoofer modules and delivers 300 watts into an 8-ohm load (one subwoofer module) and 500 watts into a 4-ohm load (two subwoofer modules). It also comes with rack ears for fast and secure placement into any standard 19-inch rack.

To keep end users from inadvertently tampering with performance levels, the majority of the RSA-500's controls are housed on its rear panel. The fuse is also included on the back for quick and easy replacement. A detachable IEC power cord allows for the simple removal and reinstallation of the entire amplifier unit. The RSA-500 was also designed to "play nice" by offering standard input/output connectivity that will support any type of system.

- EQ switch for use with different subwoofers
- Selectable signal-sensing or voltage triggered auto-on/off circuit
- 300 watts continuous into 8 ohms or 500 watts continuous into 4 ohms
- Line and speaker level inputs
- Rack ears included

SPECIFICATIONS

FREQUENCY RESPONSE	20Hz-1kHz \pm 3dB
ENCLOSURE TYPE	Use only with RW-5802, RW-5101-C and AW-800-SW subwoofer enclosures (either one or two)
AMPLIFIER	BASH Hybrid
AMPLIFIER POWER	FTC Rated Power: 300W into 8 ohms, 500W into 4 ohms, 20Hz-1kHz @ <1.5% THD Dynamic Power: 875W into 8 ohms,
AUTO POWER ON	2 second ON delay, 15 minute OFF delay
LOW PASS CROSSOVER	Continuously variable from 40-120Hz,
INPUTS	2 Gold-plated speaker binding posts, 2 Gold-plated RCA phono jacks plus single LFE
OUTPUTS	2 Gold-plated unfiltered RCA phono jacks plus single LFE
PHASE	Switchable between 0 and 180 degrees
DIMENSIONS	3.5" (8.9cm) H x 17" (43.2cm) W x 12.6" (32cm) D (without rack ears)
WEIGHT	18 lbs. (8.2kg)
FINISH	Black anodized aluminum face plate
VOLTAGE	110/120 VAC 60Hz
FEATURES	Selectable EQ, Speaker Level In, Low voltage trigger, rack ears included

Dynamic power indicates the actual power this amplifier will deliver to the woofer under normal operating conditions. While the FTC power rating indicates power available on a continuous, long-term basis, subwoofers do not rely on that type of power. Instead, the amplifier is called upon to deliver large, short-term peaks of power to be able to support the wide dynamics required by today's digital music and movie formats. In addition to the required FTC power rating, we've provided the dynamic power rating as a better indication of the product's true performance.

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