

## Dual 12" Powered Subwoofer



# RSW-12

The RSW-12 powered subwoofer extends and intensifies low-frequency output in any audio system. Whether providing all the bass for a system built around small satellites or filling in and reinforcing the bottom end for full-range speakers, it dramatically enhances sonic impact and emotional intensity.

The RSW-12 has a rear-firing active driver and a front-mounted passive radiator, both with 12-inch Cerametallic™ cones and rigid, low-resonance cast-aluminum frames. The active driver's large magnet structure and high-temperature voice coil enable it to deliver rich, clean, thunderous bass down to the bottom of the audible frequency range without sacrificing clarity and detail. It is powered by a high-efficiency BASH® digital hybrid amplifier, capable of 2400 watts dynamic power output. The passive radiator enables the RSW-12 to generate high levels of very deep bass from a sensibly sized enclosure.

To ensure seamless blending with a system's main speakers, the RSW-12 incorporates an exceptionally steep 36dB/octave low-pass electronic crossover with a continuously variable frequency control and a phase switch. A bypass switch allows direct connection to the subwoofer amplifier for use with the crossover built into an A/V preamp or receiver. The RSW-12's level control is mounted on the side of the cabinet for easy access. Input is line-level via a stereo pair of RCA jacks; another pair of RCA jacks provides unfiltered output for connection to a second subwoofer or other component. An "auto power" feature enables the subwoofer to turn on and off automatically.

- Cerametallic cone driver and passive radiator; cast-aluminum frames
- High-efficiency BASH digital hybrid amplifier with very high power output
- Steep-slope 36dB/octave crossover filter with bypass option
- Side-mounted level control for easy adjustment
- Auto power feature turns sub on and off automatically

## SPECIFICATIONS

ENCLOSURE TYPE	12" Bass-reflex via 12" passive radiator
AMPLIFIER	BASH digital hybrid FTC Rated Power: 625 watts continuous @ <1%THD Dynamic Power*: 2400 watts @ <1%THD
AUTO POWER	2 second ON delay, 15 minute OFF delay
BANDWIDTH	22-120Hz ± 3dB
MAXIMUM OUTPUT	119dB @ 30Hz 1/8 space, 1 meter
LOW PASS	Continuously variable from 40-120Hz
CROSSOVER	36dB/octave slope above 120Hz
INPUTS	Two line level RCA phono jacks, low pass enable/disable switch for LFE mode
OUTPUTS	Two line level RCA phono jacks (unfiltered)
PHASE	Switchable 0-180 degrees
DRIVE COMPONENTS	One 12" (30.5cm) Cerametallic cone woofer and one 12" (30.5cm) Cerametallic cone passive radiator
NET WEIGHT	58 lbs. (26.3kg)
HEIGHT	16.2" (41.1cm)
WIDTH	15.6" (39.6cm)
DEPTH	22.8" (57.9cm) w/grille, 21.5" w/o grille
FINISH	Black Ash woodgrain vinyl
VOLTAGE	110/120 VAC 60Hz
EXPORT VERSION	230 VAC 50/60Hz

\*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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