



212/SE



Join the Pursuit™



QUANTITY MEETS QUALITY

We believe in quality first, not simply power and boom. We believe that 1,000 watts is only desirable if it's conveyed with speed and control, not only making your heart pound and the walls shake, but restoring midrange warmth and harmonic structure.

This "quality first" ethos inspired the all-new 212/SE, our largest and most comprehensive single box subwoofer. 212/SE is designed exclusively for larger systems and rooms and allows state of the art speakers to spring to full voice. Housed in just over 1.5 square feet of floor space is an awe inspiring 1,000 watt amp coupled to twin long-stroke 12" bass engines, partnered with dual 12" passives (down and rear), creating a robust sound experience far beyond its modest footprint.

DELIVERING MUSIC AT SCALE

Musically, its combination of speed, power and grace makes it ideally suited for high-end 2-channel, filling even larger grand rooms with a warm, rich, fuller mid-range, while minimizing the sorts of peaks and valleys subs focused only on boom so often create.

CALLING ALL THEATER MAVENS

212/SE produces the attack and visceral thrill needed to reproduce even the largest special effects. It delivers extremely high levels of dynamics and deep bass, combining power with speed in an effortless manner. Use of multiples is recommended for the grandest of theaters.



DOUBLE UP

TO PRODUCE OUR HIGHEST OUTPUT SINGLE-BOX SOLUTION, WE DOUBLED UP ON THE CONTINUOUS CAST™ ALLOY BASS ENGINES THAT CONTINUE TO BRING CRITICAL ACCLAIM TO OUR SERIE S. OUR CONTINUOUS CAST™ ALLOY CONES REDUCE MOVING MASS WHILE MAINTAINING RIGIDITY, PRODUCING FAR MORE SPEED AND PRECISION THAN PRIOR DESIGNS.





SOUND BEYOND ITS SIZE

Our approach to passive radiator design results in performance more akin to a variable ratio driver size—as more power and deeper bass is demanded, the passive comes to life, gradually expanding the capabilities of the active engines. The 212/SE uses two matching Continuous Cast Alloy passives that are stiff, lightweight and incredibly well behaved.

The down-firing passive produces deep, floor-crawling bass that makes a room shudder. The rear-firing passive produces wrap around “atmospheric” bass coupling with either the rear wall or corner of a room. This produces an ease and effortless quality unique to single-box designs.



COMMAND AND CONTROL

Beyond our proprietary drivers, the performance of a REL is determined by our unique input filters mated to proprietary amplifiers. 212/SE uses a simple filter-type that is very fast—about 8 milliseconds in group delay—to cross out unwanted higher frequencies to our driver. This speed and gentle crossover slopes allow for seamless blending of RELs with the main speakers.

212/SE’s power amplifier is a powerful NextGen3 1,000W Class D amplifier. This robust, professional-grade amplifier allows each driver to output over 110 dB with ease—power enough to drive very large rooms to very high outputs.



FREEDOM

LongBow™ permits very fast, uncompressed bass to be sent wirelessly within the same room approximately 45 feet (somewhat dependent upon room clutter). We have selected an uncompressed format as it results in natural, quick delivery compared with conventional wi-fi or Bluetooth systems. Because it is a REL, we developed LongBow with both high level (or low level with crossover intact) AND .1 channel delivery so that REL Theatre Reference performance can be maintained even when using our wireless delivery system.

212/SE SPECIFICATIONS

Type	(2) Front-firing active drivers, (1) rear, (1) down-firing passive radiator
Active Drive Unit	(2) 12 in., 300mm long-throw, Continuous Cast Alloy™ cone structure, cast chassis
Passive Radiator	(2) 12 in., 300mm, Continuous Cast Alloy™ cone structure, cast chassis
Lower Frequency Response in Room	19 Hz at -6 dB
Input Connectors	Hi Level Neutrik Speakon, Left and Right Lo Level phono, LFE phono, SMA for wireless Antenna
Gain Control Range	80 dB
Power Output	1,000 Watts (RMS)
Phase Switch	Yes, 0 or 180 degrees
Amplifier Type	NextGen3 Class D
REL Longbow Wireless capability	Yes - Requires REL Longbow™ transmitter; sold seperately
Fully Electronic with Limitless™ Limiter	Yes
D.C. Fault	Yes
Output Short	Yes
Mains Input Voltage	220-240 volts, 110-120 volts for certain markets
Fuses (semi delay)	7 Amp 220 volts operation; 15 Amp 120 volts operation
Standby	Yes - Meets European .5 Watt standards; switchable to Always On
Dimensions (W x H x D)	17.2 x 32 x 20 in. (436 x 815.5 x 507 mm)
Net Weight	122 lbs. (55.3 kg)