



**ELAC**  
**PREMIUM**  
 SUBWOOFERS

**POWERFUL**  
**BOLD**  
**DYNAMIC**

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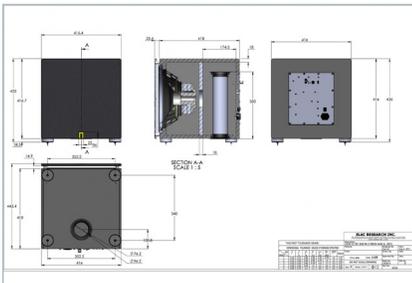
## TOTAL PERFORMANCE

### Begins With Design

*Eliminate the challenges of placement with ELAC's AUTO EQ*

ELAC's new Premium subwoofer series provides unbeatable power and performance with a sleek, modern design. These new models deliver huge performance at an affordable price. With advanced features such as BASH Amplification, Advanced App Control and ELAC's revolutionary Auto EQ system, the new Premium Series is the perfect solution for completing your home theater or music setup.

## PRODUCT DETAILS



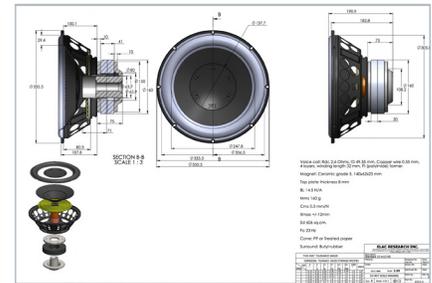
### Custom Design

Vinyl wrapped, elegant and acoustically balanced, 30mm cabinet, damped and internally braced eliminating unwanted resonance for maximum performance.



### Custom Amplifier

Powerful BASH amplifier with Dual 4-channel DSP and 32-bit DACs. BLE APP control.



### Custom Driver

Treated paper cone with a large 2.0" voice coil for increased power handling and thermal management, resulting in higher output SPL.



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# ELAC

## FEATURES

## PREMIUM SUBWOOFERS

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● **DSP** (Digital Signal Processor) – A dual 28-Bit DSP with a 147mHz master clock frequency is utilized to process audio signals with high accuracy and minimum latency.



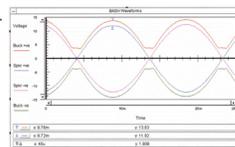
● **Treated Paper Cone** – These new high excursion woofers utilize a lightweight paper cone that has been treated to enhance stiffness and reduce any affects caused by temperature or humidity changes.



● **Large Diameter Voice Coils** – All three Premium Series subwoofers feature a large 2" voice coil for increased power handling and thermal management, resulting in higher output SPL.

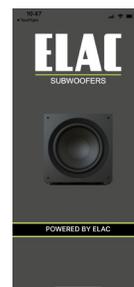
● **Auto Room EQ** – Finding the perfect location for your subwoofer can be difficult or just not visually appealing. Utilizing our new Sub Control 3.0 app and your smartphone microphone, the subwoofer will optimize room EQ automatically, allowing greater flexibility in placement without sacrificing performance.

● **BASH Amplifier** – This new amplifier uses a modulated switched mode power supply allied to a conventional class AB amplifier.



Switching at more than 400,000 times per second, the supply tracks the incoming audio signal to ensure that the Class AB amplifier gets only the voltage necessary (with a little headroom) to cope with today's dynamic movie and music content, thus maximizing the efficiency and potential of the amplifier.

● **Advanced APP Control** – Doing away with traditional analog controls, our new Premium Series subwoofers incorporate our advanced digital control system. Simply download the ELAC Sub Control 3.0 app for your Android or iOS phone or tablet and you have complete control of multiple subwoofers from the comfort of your sofa.



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## SPECIFICATIONS

## PREMIUM SUBWOOFERS

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	PS250-BK	PS350-BK	PS500-BK
SPEAKER TYPE	BASS REFLEX		
WOOFER	10" TREATED PAPER	12" TREATED PAPER	15" TREATED PAPER
FREQUENCY RESPONSE (ANECHOIC)	27HZ TO 150HZ	24HZ TO 150HZ	20HZ TO 150HZ
FREQUENCY RESPONSE (IN ROOM)	24HZ TO 150HZ	21HZ TO 150HZ	16HZ TO 150HZ
MAXIMUM OUTPUT LEVEL, SPL DB/1M ANECHOIC	107 DB	108 DB	115 DB
LOW PASS CROSSOVER, HZ	40HZ TO 150HZ	40HZ TO 150HZ	40HZ TO 150HZ
AMPLIFIER POWER, @4 OHM (RMS/ PEAK)	250/500 WATTS	350/700 WATTS	500/1000 WATTS
APP CONTROLLED (BLE)	IOS AND ANDROID		
AMPLIFIER TOPOLOGY	BASH		
STANDBY POWER CONSUMPTION	< 0.5W		
INPUTS	RCA LINE LEVEL, SPEAKER LEVEL		
DATA CONNECTION	USB (FIRMWARE UPDATE)		
CABINET FINISH	BLACK VINYL		
ACCESSORIES INCLUDED	GRILLE, AC POWER CORD, SPIKES		
HEIGHT	381 MM	437 MM	480 MM
WIDTH	360 MM	416 MM	460 MM
DEPTH	360 MM	418 MM	460 MM
NET WEIGHT	16.4 KG	21.8 KG	25.9 KG

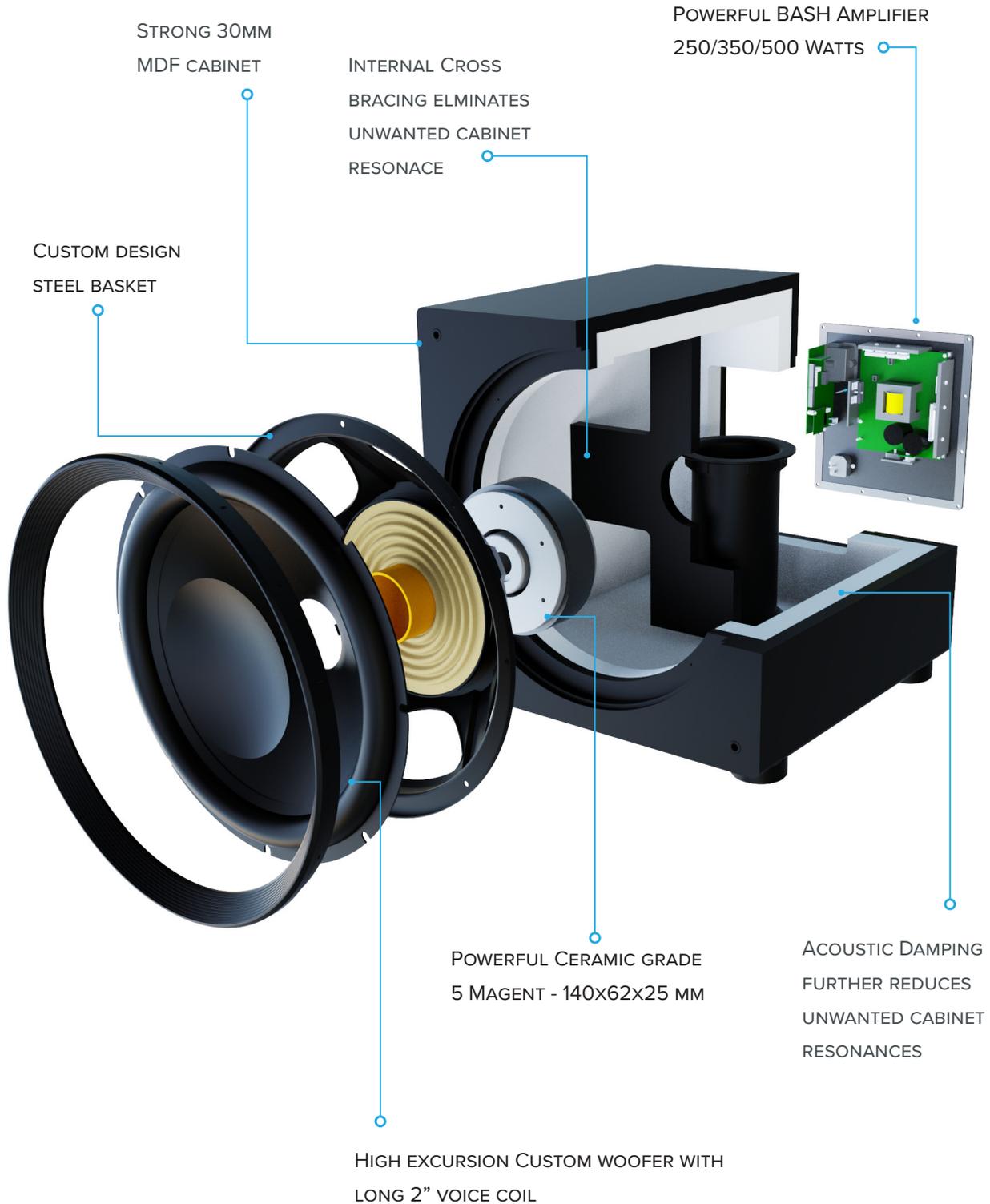


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# ELAC ANATOMY

## PREMIUM SUBWOOFERS POWERFUL • BOLD • DYNAMIC



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**“ DURABLE AND STRONG ”**



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