

Bass Cubism Revised: SUB 211.2 ESP



To provide even more spectacular bass punch and still make the subwoofer a flexible component for surround and stereo applications alike, we have designed the SUB 211.2 ESP - a smart solution in technology and design. Its core is a technologically sophisticated powerful digital amplifier, driving a 250mm aluminium sandwich woofer, which ensures higher sensitivity and more bass power. For an independent bass management, a newly developed terminal design provides connections for the simultaneous connection of three front channels plus one LFE channel - for optimum bass performance with stereo and surround sound applications alike.

Drive Units

- 250mm aluminium sandwich woofer at the front and a down-firing passive radiator to exclude ventilation noise and provide higher levels down to the lowest frequencies

Technical features/benefits

- ESP® is a frequency and power dependent electronic stabilization programme for controlled bass performance even in extreme situations, even under maximum power no background noises can be detected. In comparison to conventional active subwoofers, it is now practically impossible to overdrive ELAC ESP® subwoofers.
- connection of up to 3 loudspeaker inputs in parallel (e.g. left, right, centre) and LFE connection of the surround receiver at the same time
- continuous adjustability of upper cutoff frequency for maximum flexibility - to adapt the SUB 211.2 ESP to different acoustics, satellite speakers and personal preference
- positive addition of subwoofer and satellites throughout the crossover area is supported by a self-resetting fuse
- 15 min auto power off delay



Electronical features

- volume and cutoff frequency are continuously adjustable
- class D digital amplifier with 300W pulse power - driven by 4th order filters with ESP for perfect adaptation to drive units, amplifier and cabinet
- standby mode (indicated through red LED on the back panel)
- polarity switch 0° / 180°
- energy saving auto-power circuit with 15 min. power off delay
- 3 LS inputs + LFE connector for bass management independent of the surround receiver

Mechanical features

- new feet provide stable set-up and optimum decoupling from the floor for resonance-free performance, adjustable in height and optionally with spikes or silicone caps
- mains connector: IEC power inlet
- RCA connector LFE input
- high quality gold-plated binding posts for speaker cable inputs and satellite outputs L/R/C

Finishes: cherry veneer, silver shadow, titan shadow, black high gloss

Dimensions H x W x D	475 x 335 x 390 mm	Amplifier Power	300 W (pulse), 250 W (sine)	Outputs	LS: LS filtered with 220 µF
Gross Volume	56 l	Input Impedance	Line: 35 kOhm LS: 220 Ohm, floating	Input sensitivity	Line: 1 x 200mV LS: 3 x 2.5V
Weight	23 kg	Power Consumption	max 1.8 W standby, 380 W at full power	Upper Cutoff Frequency,	40 ... 180 Hz, adjustable
Type	1-way, active, passive radiator	Mains Connection	220...240 V/ 50...60 Hz 110...120V/ 50... 60 Hz	Frequency range	24 ... 240 Hz
Woofer	1 x 250mm AS, 300mm AS passive radiator	Mains Fuse	T 2,5 A L250V (230V/50Hz) T 5 A L250V (115V/60Hz)	S/N	>100 dB (A), rel to full output

