

## The deep: SUB 211 D



Besides representing an elegant combination of technology and design, the SUB 211 D is a flexible means for providing spectacular acoustic backdrops and exacting stereo sound. The heart of the SUB 211 D is a technologically advanced, high-output digital power amplifier that drives a 250 mm aluminium sandwich woofer and guarantees a high degree of efficiency and more bass output. A newly-developed concept allows the simultaneous connection of three loudspeakers and the LFE signal, which makes bass management unnecessary. A new feature: the 3 micro-controllers, which not only ensure smooth control of the analogue electronics but also for the first time provide a new operating concept which embraces a remote control, a graphic user-interface with high-resolution display and 3-key control on the device itself. The advantages of digital technology are expressed in the low standby power consumption of less than 0,5 W.

### Drivers

A 250 mm aluminium sandwich woofer on the baffle and a downward orientated passive radiator prevent ventilation noise and offer higher sound levels – even at the lowest frequency ranges.

### Technical features and characteristics

- ESP® is a frequency- and power-dependent stabilisation program for controlled bass reproduction even under extreme loads. The electronic assistant also ensures that the drivers do not produce any noise. In contrast to "conventional" subwoofers without ESP®, it is practically impossible to over-load active subwoofers with ESP®.
- Parallel connection options for 3 loudspeaker inputs (e.g. left, right and centre) and simultaneously, an LFE connection for surround receivers
- Continuously adjustable crossover frequency of volume for maximum flexibility – the SUB 211 D adapts with excellent results to satellites, differing listening preferences and speaker array options.
- Phase of the subwoofer to compensate phase differences between satellites and subwoofer can be adjusted
- Automatic on/off switch with approx. 15 min switch-off delay

### Electronic features

- Digital power amplifier with 250W short term output – controlled by 4<sup>th</sup> order filter with ESP for perfect adaptation to driver, power amplifier and cabinet.
- Standby mode (indicated by blue LED on topside)
- 1 parametric equalizer, whose frequency and attenuation can be adjusted via the graphic user interface

### Mechanical features

- Newly-developed loudspeaker legs offer improved stability and optimum decoupling from the floor for resonance-free sound reproduction, height-adjustable, optionally fitted with spikes or silicone caps.
- RCA socket, input for LFE signal
- High-quality gold-plated screw terminals for inputs with loudspeaker level

**Available finishes:** Cherry Veneer, Titan Shadow, Black High-gloss

### Specifications

Dimensions H x W x D	475 x 335 x 390 / 430 mm
Gross volume	68 l
Weight	22 kg
Type	1-way active + passive radiator
Woofers	1x 250 mm AS Cone, 1x 300 mm passive radiator
Amplifier output (short term)	250 W
Input impedance	Line: 35 kOhm, loudspeaker: 220 Ohm floating
Power consumption	max. 0.5 W (standby), max. 300 W (full load)
Mains voltage / fuse	90 ... 240 V~ / 50 ... 60 Hz, Fuse: T 6.3 A L 250 V
Inputs	Line: 1x 200 mV (RCA), Speaker: 3x 2.5V, 1x remote start (3.5 mm phone jack)
Upper cut-off frequency	40 ... 180 Hz adjustable
Frequency range (IEC 268-5)	24 ... 240 Hz
SNR (weighted)	> 100 dB(A) relative to full drive