

## SUB 2060 D The finishing touch for sophisticated music lovers

The SUB 2060 D subwoofer combines stylish mirror-finish design and high tech. With its compact dimensions, this brilliant performer can be easily integrated in any interior design. With its special ELAC-LLD woofer technology, the loudspeaker is set apart from the rest by its extremely precise and distortion-free bass reproduction both during quieter and louder musical passages. Thus the listener's enjoyment of music is not disturbed by any sound-related cabinet vibrations. Even when the music lover indulges his passion to the full with high bass levels, a champagne glass placed on the subwoofer remains unmoved.



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, including 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 seen in the low standby power consumption of less than 0,5 W.

A special feature is the ESP® electronic stabilisation programme, which operates in dependence of frequency and power. Comparable to a car's electronic stability program that permanently monitors the vehicle's drive stability and ensures that it stays safely on course even in extreme situations, the ELAC Subwoofer-ESP® performs an analogous role in sound reproduction. In contrast to "conventional" subwoofers it is practically impossible to over-modulate active subwoofers with ESP®. The electronic assistant also ensures that the drivers does not produce any noise, even under extreme loads.

### Operation/connection options:

Parallel connection options: Three loudspeaker inputs (e.g. left, right and centre) and simultaneously LFE connection for the surround receiver.

- Continuously adjustable volume and crossover frequency for a maximum flexibility.
- Phase can be adjusted to compensate phase differences between satellites and subwoofer
- Automatic on/off switch with approx. 15 min switch-off delay
- RCA socket, input for LFE signal (mono)
- High quality gold-plated screw terminals for loudspeaker inputs L / R / C
- A parametric equalizer, whose frequency and attenuation can be adjusted via the graphic user interface

### Drivers equipment

- 2 x 180 mm aluminium sandwich woofers in LLD woofer technology.
- Two powerful 250 mm AS woofers in push-push / pull-pull configuration – powered by two powerful ICEpower-Class D power amplifiers with a total peak output of 330 W – provide an enormously expressive, crisp and precise bass sound with a simultaneously very high performance. The complementary arrangement of the drivers ensures that the mechanical impulses that – in a conventional design – are directed to the cabinet, are virtually completely eliminated. Thus the listener's enjoyment of music is not disturbed by any sound-based cabinet vibrations. Even at high bass levels, a champagne glass placed on the subwoofer remains unmoved.

ELAC

SUB 2060 D

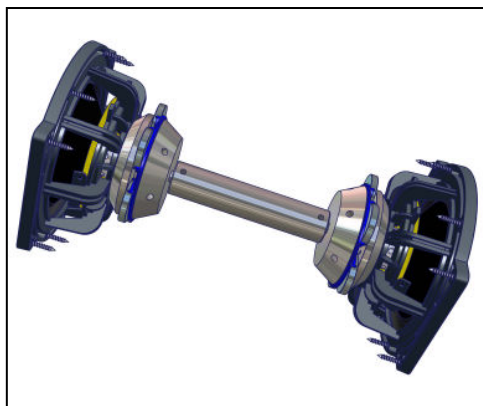
Product Information

A massive connecting shaft, which firmly attaches the two drivers to each other, further reduces cabinet vibration that would otherwise have an adverse affect on the sound quality.

The woofer configuration in the closed cabinet, where the two woofers radiate sound directly onto the top and base panels, functions as an acoustic low pass filter and thus serves to reduce unwanted noise.

#### Electronic features:

- Class D digital power amplifier with 330W short term – controlled by 4th order filter with ESP for perfect adaptation to drivers, power amplifier and cabinet.
- Standby mode (max. 0.5 Watts), indicated by blue LED on front



**Available finishes:** Titan Shadow, White High Gloss, Black High Gloss

#### Specifications

Dimensions H x W x D	433 x 230 x 300 mm
Gross volume	30 l
Weight	16.5 kg
Type	1-way active, 2 woofers in closed cabinet
Woofers	2x 180 mm AS Cone LLD
Amplifier output (short term)	330 W
Input impedance	Line: 35 kOhm, loudspeaker: 220 Ohm floating
Power consumption	max. 0.5 W (standby), max. 400 W (full load)
Mains voltages/ fuse	90 ... 240 V~ / 50 ... 60 Hz, Fuse: T 3.15 A L 250 V
Inputs	Line: 1x 200 mV (RCA), loudspeaker: 3x 2.5V, 1x remote start (3.5 mm phone jack)
Upper cut-off frequency	40 ... 180 Hz adjustable
Frequency range (IEC 268-5)	29 ... 240 Hz
S/NR (weighted)	> 100 dB(A) relative to full output