

Product Information Sub 250 Compact



Active subwoofer Dynaudio Sub 250 Compact

- **Active subwoofer with integrated 200 Watt amplifier**
- **Long-throw woofer with extra-large pure aluminium voice coil**
- **Sealed box design for precise bass performance**
- **Ideal for stereo, home theatre and sub/sat systems**
- **Finished in High-Gloss Black or High-Gloss White lacquer**

Precise, deep bass performance from a most compact design.

The new Sub 250 Compact is the smallest high-performance Subwoofer from Dynaudio. Equipped with a powerful amplifier and a long-throw woofer, it delivers precise and deep bass from a very compact design. Available in either an elegant high-gloss black or high-gloss white lacquer finish, the Sub 250 Compact ideally and discreetly matches every room and décor. The sealed enclosure cabinet design and forward firing woofer offers remarkable bass precision and makes the Sub 250 Compact easy to position in any room.

Dynaudio driver technology delivers excellent bass quality

Featuring a 200 Watt amplifier and a 10" / 24 cm woofer, the Sub 250 Compact achieves excellent bass performance down to the lowest frequencies. As a true Dynaudio product it incorporates exclusive Dynaudio driver technology: The very light yet rigid MSP (Magnesium Silicate Polymer) diaphragm and ultra-light aluminium voice coil ensure a precise and detailed reproduction of both music and sound effects, while the powerful magnet system, extra-large 4" / 100 mm voice coil diameter and long-throw driver design result in a powerful, deep and dynamic low frequency performance. The cubic shape, the compact size and the highly rigid MDF cabinet construction serve to reduce resonance to an absolute minimum.

Improving low bass integration with compact subwoofers

The Sub 250 Compact is the ideal solution for use in home theatres, stereo systems and subwoofer/satellite systems where only a modest sized subwoofer would fit. Bass performance can be further enhanced by using a multi-sub configuration (with two or more subwoofer in parallel). By positioning multiple subs in a room, the bass is generally more evenly dispersed; therefore reducing standing waves and room resonance – thus effectively improving the overall sound quality of the system. In most rooms, two or more smaller subwoofers can even result in an ultimately better bass performance than that achieved via one large subwoofer.

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The Sub 250 Compact has a selectable mode where Sub 250 Compacts can be daisy-chained together through dedicated Slave-In/Slave-Out connections. This allows for operation of a multiple-subwoofer arrangement to achieve improved bass performance and minimize room resonance. The multiple, daisy-chained Sub 250 Compact are fed from one single amplifier output in this mode, making such multi-sub applications as easy to set up as possible.

Various inputs and settings for extensive system compatibility

The Sub 250 Compact features all the useful settings for any subwoofer setup: A selectable gain setting, a variable Low-Pass Filter (50 Hz to 150 Hz), and a selectable phase switch (0° or 180°) – all allowing one to find the best performance in any room.

In stereo systems, the Sub 250 Compact can be connected via its stereo input to the amplifier's pre-out. If the amp only has a pre out/main in loop, the Sub 250 Compact back panel also features a stereo output where the signal can be feed back into the amplifier.

In home theatre systems, the LFE (Low Frequency Effects) input is ideal for any AV-receiver's subwoofer output, as it bypasses the Low-Pass Filter of the Sub 250 Compact to allow for automatic speaker calibration and setup.

The Sub 250 Compact's stereo output has a selectable high pass (Flat/60Hz/80Hz) to facilitate subwoofer/satellite applications – allowing one to mate it to any of the Dynaudio compact monitors to comprise a high quality sub/sat system, for example.

Dynaudio Sub 250 Compact key features

- Active subwoofer with integrated 200 Watt amplifier
- 24 cm / 10" long-throw woofer with 100 mm / 4" pure aluminium voice coil
- Sealed box design for precise bass performance
- Automatic mute function
- RCA inputs for LFE or Stereo use
- Adjustable Gain
- Frequency Response (± 3 dB): 29 – 250 Hz
- Adjustable Low-Pass Filter (50 Hz – 150 Hz)
- Selectable Phase (0° / 180°)
- Selectable High-Pass Filter (Flat/60Hz/80 Hz) for Sub/Sat applications
- Selectable Slave-In/Slave-Out function for Multi-Sub applications
- Dimensions: (W x H x D): 266 x 271 x 270 mm / 10.5" x 10.7" x 10.7" (without grill)
(W x H x D): 266 x 271 x 286 mm / 10.5" x 10.7" x 11.3" (with grill)
- Internal Cabinet Volume: 13.1 litre
- Weight: 7.2 kg
- Finished in High-Gloss Black or High-Gloss White lacquer
- Detachable black fabric grille cover included