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Omega CS 12

THE PERFECT ADDITION TO ANY HI-FI OR HOME CINEMA SYSTEM

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Omega CS 12

A DEEP BASS RANGE AND PERFORMANCE PERFECTED

- High-performance active subwoofer with 30 cm long-throw woofer and extra-large diaphragm mount
- High-power Class-D amplifier unit with up to 1100 watts of peak power
- Enclosed housing construction for a deep and precise bass response
- High-speed digital sound processor (DSP) for frequency response linearization and control of the limiter control circuit
- Various setting options including adjustable bass extension for perfect combination with home cinema speakers
- Innovative extended surface dampers (ESDs) for enhanced stability
- Remote control for volume adjustment and a large display to indicate the current setting

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WHETHER HI-FI OR HOME CINEMA – A SUBWOOFER ALWAYS HELPS

Active subwoofers are something of a universal genius. They help to achieve an optimum sound in both stereo systems and home cinema systems alike. When it comes to more compact main speakers, be it audiophile shelf speakers or a surround system, a subwoofer is almost a must.

EVERYTHING FOR THE BASS

The specially hardened and coated material has been constructed in a dual cone configuration measuring an impressive 30 cm in diameter. The drive is provided by a 70 mm high-performance coil and a 170 mm ferrite magnet. Together with the bonded and additionally stitched longthrow surround, the overall result is a sub that has been optimized using Klippel laser technology and can optimally reproduce frequencies between 18 and 200 Hz.

UNOBTRUSIVE WITH PERFECT WORKMANSHIP

The elegant high-gloss black finish blends in well with any interior on the one hand, yet it is so discreet on the other that the Omega CS 12 is hardly conspicuous. A two-digit display informs the user of the currently selected volume, thereby preventing any surprises. To acoustically decouple the active subwoofer from the floor, special „Extended Surface Dampers“ (or ESD for short) are used, which also ensure the unit is seated and positioned securely.

UP TO 1100 WATTS OF BRUTE POWER

The integrated Class-D power amplifier delivers a brutal 525 watts in continuous operation and up to 1100 watts of peak power. The high-speed DSP also linearizes the frequency response and enables continuous adjustment of the crossover frequency, the phase and the adjustable bass extension at 35 Hz. This means all of the prerequisites are in place for harmonious integration of the Omega CS 12 into a hi-fi or home cinema system.

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OMEGA CS 12 – TIMELESS, COMPACT, SOLID

It couldn't be much more compact: The developers have constructed an ultra-solid MDF housing that is hardly any larger than the 12 inch chassis. The enclosed construction radiates sound towards the front of the unit and thus minimizes room interference. In its high-gloss black finish, the Omega CS 12 is discreet yet elegant at the same time, immaterial whether it's located in a prominent position or set up discreetly in the background.

A ventilated 75 mm high-performance voice coil with aluminum voice coil support guarantees maximum operational reliability

A two-digit display informs the user of the currently selected volume, thereby preventing any surprises

Additional to the bonded and double-stitched construction, the woofer has been optimized using our laser measuring technology from Klippel.

Omega CS 12

WOOFER:

- 300 mm high-power long-throw woofer with Klippel®-optimized magnet system
- Magnet system with 170 mm high-performance ferrite ring
- Special cone construction that has been optimized for the subsonic frequency range and consists of a hardened and specially coated dual cone, which is bonded with an extra-wide long-throw surround and double stitched seams
- A ventilated 75 mm high-performance voice coil with aluminum voice coil support guarantees maximum operational reliability
- Extremely sturdy speaker basket made of die-cast aluminum

AMPLIFIER:

- High performance class-D amplifier
- DSP-controlled filter and limiter unit
- Adjustable volume
- Volume and Power ON/STBY mode can also be controlled via remote control
- Crossover frequency can be adjusted between 50 and 150 Hz
- Phase can be adjusted between 0° and 180°
- Adjustable bass extension between 0dB and +6dB at 35 Hz center frequency
- Active frequency response equalization up to 150 Hz for easy integration into AV environments
- A large two-digit display indicates the current volume
- Automatic standby function with a low power consumption of <0.5 watts (can be deactivated)
- Mains voltage: 100-240 V
- Power switch

CABINET:

- Very sturdy, low-resonance MDF housing
- Elegant high-gloss black finish
- Bass speaker in a ‚front-firing' configuration
- Enclosed housing construction for a deep and precise bass response
- Large „Extended Surface Dampers" (ESDs) for enhanced stability

FEATURES:

- Stereo low level inputs (RCA connections)
- Mains connection

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OMEGA CS 12
The perfect addition to any hi-fi or home cinema system

PRINCIPLE
Active closed subwoofer, ‘frontfire’

DRIVERS
1 x 12“ powered subwoofer

POWER HANDLING (RMS/MAX)
525 / 1100 watts

FREQUENCY RESPONSE
18 – 200 Hz

CROSSOVER FREQUENCIES
50 – 150 Hz adjustable

PHASE
0° - 180° adjustable

CABINET SURFACE
Piano black

DIMENSIONS (WxHxD)
Cabinet: 385 x 400 x 450 mm
Cabinet dimensions incl. amplifier: 385 x 400 x 465 mm

WEIGHT
24 kg

ART.NO. /EAN
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RRP
999 €