Swissonor.ch Contra.C10

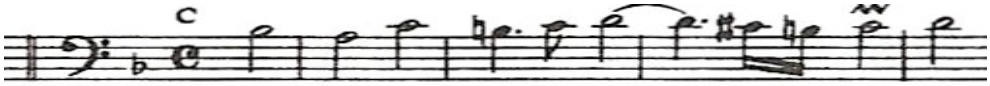
“Bringing back life to music »

Contra.C10 = Active subwoofer with 10” driver

Compact high-efficiency active woofer with fully adjustable parameters. The hard suspension long stroke bass speaker produces much faster response than the classic rubber suspension types, and matches therefore perfectly with medium- to high-efficiency loudspeakers.

Innovative and unique solutions, combined in a compact high-end concept, bring you uncompromised sonic performance.

This product is handcrafted in Switzerland, with mostly European components.



Goals

The basic idea was the design of a high-efficiency subwoofer for general use, allowing reproduction of living music as vector of intense emotions:

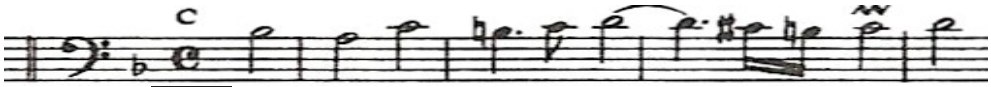
- **Relaxed listening** of all music styles, from very low to very high levels
- **The use of a class D plate amplifier** with many easy to use adjustments for easy room and setup integration.
- **Reproduction down to 30 Hz** with the full dynamics of classic or modern music.
- **Extreme dynamics** thanks to the high efficiency combined with high power. That's the only way to avoid the audible thermal compression of classic loudspeakers.
- **Easy placement,** adjacent to wall or even corner, in single or double configuration. In the latter mode, it can be used as support for the Swissonor B.A.C.H.8d and B.A.C.H.10d speakers.
- **Long term reliability** and value conservation due to oversized long-life components. All parts have been selected by numerical simulation, measuring and during hundreds of listening hours using objective and subjective quality criteria.

- Driver for professional use, designed and built in Europe. Cast aluminium frame, vented core and spider, impregnated natural paper cone and hard long-stroke suspension.
- Plate amplifier — Class D with 450W toroïdal transformer
- Protection — Output shortcut and DC error
- Internal wiring : — Swissonor cables in quad configuration
- Connectivity: — RCA connectors L/R and Mono signal or loudspeaker terminals. A high quality sensor cable using gold plated stackable 4mm connectors is part of the package.

Technical specification

Continuous output at 8 Ohm.....200 W
Continuous output at 4 Ohm .....400 W
Sensitivity (Thiele half space reference efficiency).....93 dB(1W/1m)
Maximum acoustic output (1 subwoofer).....114 dB from 40 Hz on
Maximum acoustic output (2 subwoofers).....120 dB from 40 Hz on
Crossover frequency.....30 – 120 Hz adjustable
Bass boost.....20 – 50 Hz adjustable
Phase correction.....+/- 180 Degrees
Subsonic filter .....12 Hz 4th order
Mains voltage.....115 or 230 V with external selector
Polarity : Positive voltage on red terminal gives forward cone motion
Housing : Handmade from plywood with white structural paint, wild cherry or coral wood natural veneer
External dimensions (including feet)..... 500 x 316 x 500 mm

Hearing is believing, come in for a listening session at:



Swissonor.ch Frei CH-1256 Troinex, Fax 0041/ 22 784 63 69
http://www.swissonor.ch, info@swissonor.ch