

Nuovo Quaranta

3-way active floorstanding loudspeaker





Profel Nuovo Quaranta

high end studio sound in your living-room

An ideal combination of design and technology tamed for your entertainment. Superior power and sound clarity. Great control and precision for music and home theater applications. Versatile adjustments yield easy positioning and optimal listening.

Critical studio work sets high standards for audio experiences. To enjoy the expertise of sound professionals, we need matching tools for reproducing sound. Nuovo Quaranta has its heart and soul inherited from a long line of studio speakers designed to be precise tools in the hands of sound engineers all around the world.

Standing tall and slim, undoubtedly reveal that these speakers are designed for the living-room. Their simple but functional form hides advanced technology inside, making Nuovo Quaranta the flagship of our speaker product lines.

There are no compromises.
This is our passion
for perfection.





Dual design

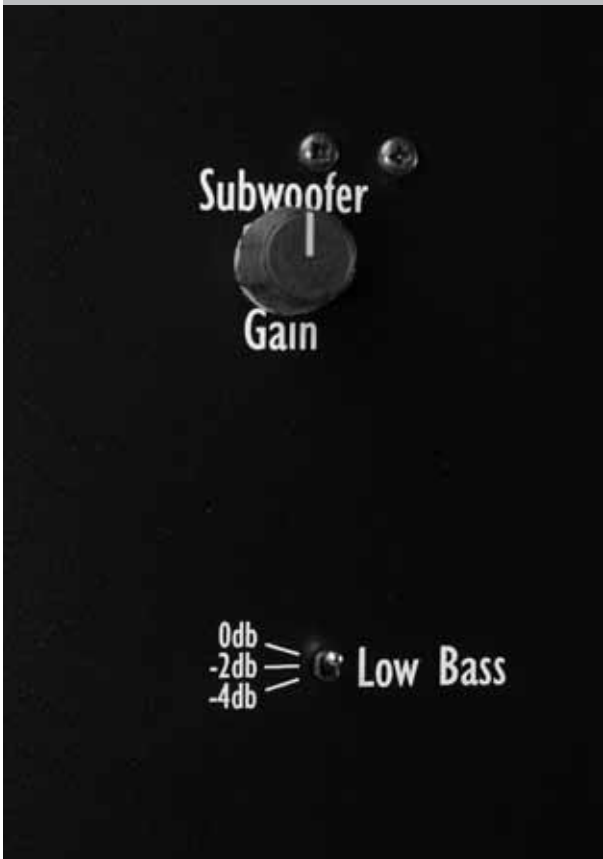
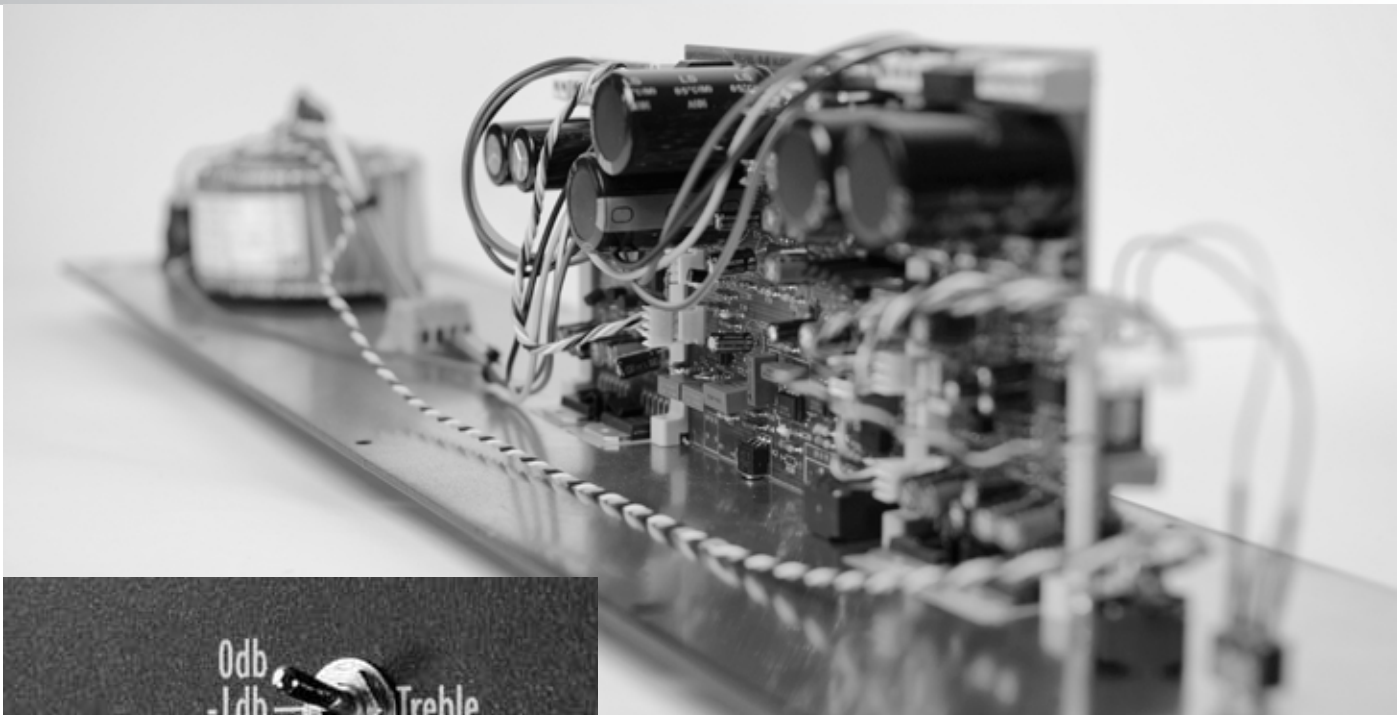
Nouvo Quaranta by concept has a dual structure. The top of the speaker features a closed cabinet enclosing a high precision metallic tweeter and a high-grade 4,5'' woofer. The metal dome is fitted deep within an engraved baffle waveguide. Both drivers have a dedicated 50W integrated amplifier. Quaranta also features tone control for finetuning high frequency output.

The bottom part of the MDF cabinet encloses a custom-design 8,5'' subwoofer mounted to the side. The subwoofer element is fitted to the opposite sides of the speakers in a pair to allow installations where the woofers may be facing in- or outwards.

The button section utilises bass-reflex design. The integrated reflex chamber is a part of the cabinet structure at the front of the speaker ending with a hidden flow port.

Bass reproduction is empowered by a 250W high-power amplifier. Bass output is controled with a descrete stepless gain controller allowing extra fine adjustment to balance overall bass levels. In addition, a bass roll-off switch is included to set low frequency roll-off to calibrated levels.

The overall output level for each speaker is adjusted by a dedicated stepless volume controller. Volume adjustment maintains the balance of all other settings intact. An integrated security curcuit guards the speakers from possible overload damages.



PROFEL NUOVO QUARANTA

Three-Way Active Speaker

1" metal tweeter with baffle waveguide
4,5" midwoofer with metal phaseplug
8,5" subwoofer facing to one side

350W of combined amplifier power
each speaker element is amplified by a
separate high-quality amplifier-unit

20-20000 Hz frequency range
122dB SPL per unit @1m

closed cabinet design for tweeter and
midrange (top), bass-reflex structure with
hidden elongated reflex port (front) for the
subwoofer (bottom)

unbalanced signal input, RCA
master volume
subwoofer adjustment (+/-16dB)
treble adjustment (treble 0dB, -1dB, -2dB)
bass roll-off adjustment (0dB, -2dB, -4dB)

integrated security circuit protecting from
possible overload damages



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