

VREL electroacoustic

bequadro series loudspeaker system

BEQUADRO SERIES (Current production)

VREL Electroacoustic bequadro loudspeakers

Dipolar loudspeakers, open baffle, two ways, D'Appolito modified with MCD horn, mechanical crossover only.



bequadro 1 to 3

bequadro uno (1), 2 ways, 3 speakers (2 x 255A, 1 x HDPP driver 26A/X2 + MCD horn), efficiency 92 dB, impedance 8/11 ohm, output span range 35 to 18.000 Hz, +/-2 dB, max power 100w RMS (suitable 10 to 150w rms amplifier @ 8 ohm), overall size 450w x 1100h x 340d, mm

bequadro due (2), 2 ways, 4 speakers (3 x 255A, 1 x HDPP driver 26A/X2 + MCD horn), efficiency 95 dB, impedance 11/11 ohm, output span range 30 to 18.000 Hz, +/-2 dB, max power 150w RMS (suitable 10 to 200w rms amplifier @ 8 ohm), overall size 450w x 1400h x 340d, mm

bequadro tre (3), 2 ways, 3 speakers (2 x 385A, 1 x HDPP driver 26A/X2 + MCD horn), efficiency 97 dB, impedance 8/11 ohm, output span range 30 to 18.000 Hz, +/-2 dB, max power 200w RMS (suitable 10 to 300w rms amplifier @ 8 ohm), overall size 650w x 1400h x 340d, mm

bequadro quattro (4), 2 ways, 4 speakers (3 x 385A, 1 x HDPP driver 26A/X2 + MCD horn), efficiency 100 dB, impedance 11/11 ohm, output span range 25 to 18.000 Hz, +/-2 dB, max power 300w RMS (suitable 10 to 400w rms amplifier @ 8 ohm), overall size 650w x 1900h x 340d, mm

VREL Electroacoustic bequadro gravis: bass enhancers loudspeakers (SMES system, except for gravis uno, that is a floor reflex-based system)

Dipolar speakers, open baffle, bass enhancers to be connected to the side (side by side), to complete the loud-low range into stereo and multichannel systems, PA, theater and auditorium, ideal to be driven by LFE channel.



bequadro 4 + gravis 4 (left), bequadro 2 + gravis 2 (right)

gravis uno (1), 1 speakers (1 x 302C), efficiency 92 dB, impedance 8 ohm, output span range 35 to 1.000 Hz, +/-2 dB, max power 100w RMS (suitable 10 to 150w rms amplifier @ 8 ohm), overall size 450w x 300h x 340d, mm

gravis due (2), 3 speakers (3 x 255B), efficiency 94 dB, impedance 11 ohm, output span range 25 to 4.000 Hz, +/-2 dB, max power 150w RMS (suitable 10 to 200w rms amplifier @ 8 ohm), overall size 450w x 1400h x 340d, mm

gravis tre (3), 2 speakers (2 x 385B), efficiency 97 dB, impedance 8 ohm, output span range 25 to 18.000 Hz, +/-2 dB, max power 200w RMS (suitable 10 to 300w rms amplifier @ 8 ohm), overall size 650w x 1400h x 340d, mm

gravis quattro (4), 3 speakers (3 x 385B), efficiency 99 dB, impedance 11 ohm, output span range 20 to 18.000 Hz, +/-2 dB, max power 300w RMS (suitable 10 to 400w rms amplifier @ 8 ohm), overall size 650w x 1900h x 340d, mm

VREL Electroacoustic bequadro vox, center channels

(dipolar speakers, horizontal central channel types, D'Appolito modified with CW horn, under screen or rear screen, for multi-channel AV systems, PA, theater and auditorium, mechanical crossover)

vox alpha, 2 ways, 4 speakers (2 x 165A, 2 x HD driver 26B + CW horn), efficiency 94 dB, impedance 8/11 ohm, output span range 40 to 18.000 Hz, +/-2 dB, max power 100w RMS (suitable 10 to 150w rms amplifier @ 8 ohm), overall size 1100w x 200h x 140d, mm

vox beta, 2 ways, 5 speakers (3 x 205A, 2 x HD driver 26B + CW horn), efficiency 98 dB, impedance 11/11 ohm, output span range 30 to 18.000 Hz, +/-2 dB, max power 240w RMS (suitable 10 to 300w rms amplifier @ 8 ohm), overall size 1400w x 254h x 140d, mm

vox gamma, 2 ways, 7 speakers (4 x 255A, 3 x HD driver 26B + CW horn), efficiency 100 dB, impedance 8-16/11 ohm, output span range 30 to 18.000 Hz, +/-2 dB, max power 340w RMS (suitable 10 to 300w rms amplifier @ 8 ohm), overall size 1900w x 345h x 140d, mm

Abbreviations and terminology: “Uno, due, tre, quattro” words mean: 1, 2, 3 and 4 type. “Gravis” mean deep sound. “Vox” mean voice; “SMES” mean “Scalar Mutual Extension System”; “MCD” horn mean “Modified Constant Directivity”; “HDPP” driver mean “High Dynamic Push Pull”; “CW” horn mean “Carrier Wave”;

Type of systems: open baffle, dipolar, modified D’Appolito, no crossover; also for high frequency (HD and HDPP drivers): no compression chambers, full dipolar system.

Finishing: we can provide a standard of at least 6 different types of wood finish, in high-value solid wood, with natural color, and six different finishes for the faux leather front panel. Naturally, the front grilles (detachable, of high value) and rear, are offered in 6 colors, tone on tone. Or in special execution, in laser processing on birch wood.

Loudspeakers and drivers: VREL(R) brand name loudspeakers and drivers, designed and made into ADCOMM facility (central Italy); VREL 165A, 6.5”, VREL 205A, 8”, VREL 255A, 10” extended range, VREL 255B, 10” bass range (gravis), VREL 385A, 15” extended, VREL 385B, 15” bass. HD and HDPP(R) driver for high range, full dipolar emission, no compression or resonance chambers, with VREL MCD and CW horns (no resonance assembly).

SMES system for gravis loudspeakers: the lateral support system, which allows to extend the downward extension and the sound consistency, without resorting to traditional subwoofer systems, which have very poor transient characteristics, in comparison. With SMES, you can easily configure bequadro in a Hi End multichannel system, or in a high performance stereo system.

Impedances: because no network crossover, almost resistive load.

Wiring: suitable for bi-wiring, or bi-amping.

Amplifiers: very easy load (not complex inductive and/or capacitive due no-electric crossover design) and the high efficiency, Very musical, vintage, low current amplifiers are welcome .

The interface characteristic favors tube amplifiers, low SE or high power PP types.

Loudspeakers frequency range : very wide band characteristics, with very deep , powerful and controlled bass, frequency response that also depends on the environment

Positioning: not particularly problematic; it is recommended to move from the back wall by a distance equal to the width of the front panel. They can be placed between two half-spaces, because they have complete emission even behind. Suitable for any environment.

Listening position: not particularly binding; they can be listen in any position, without loss of the stage, which is rebuilt faithfully, and as a live event. The soundbox effect completely disappears.

Incoming: bequadro cinque (a giant type bequadro loudspeaker, 3 ways, 6 speakers).



VREL 255A 10”



VREL 385A 15”



HDPP 26A/X2



MCD horn

VREL Electroacoustic, Italy

(R)VREL Electroacoustic, made in Italy by ADCOMM Srls, via Delle Industrie 22, 06034 Italy