

C O L T R A N E

VIRTUOSO PERFORMANCE



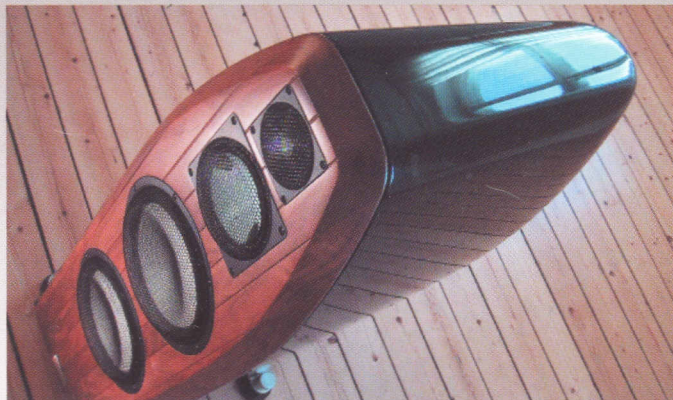
Coltrane is like a dream come true...
a combination of elegance in design with high-tech materials and
excellent components. Tradition and modernism unite to make
Coltrane deliver true Virtuoso Performance.

M A R T E N
D E S I G N

C O L T R A N E

Virtuoso Performance

• Coltrane's unique cabinet is made of extremely rigid and stiff carbon fiber laminate. The box is one of the most sophisticated constructions ever to be undertaken in the field of high-end loudspeakers.



• Coltrane employs a unique tweeter driver with a membrane made of pure diamond. The first resonance is at 100kHz - distortion is hardly measurable.

• The bass and midrange drivers have extremely stiff ceramic membranes. They have no resonances at all in their working areas.

• The frequency range of Coltrane is 20 Hz - 100,000 Hz within +/- 2 dB.

• Bybee Quantum purifiers coupled to each driver eliminate high-frequency distortion, lower the noise level, and enhance the dynamics.

• Coltrane's crossover has been designed for high performance and transfer of signal to the drivers with minimal loss. It is one of the most sophisticated designs on the world market today. The series coil to the bass drivers is custom made, with a Teflon core that alone weighs 8 kg. The crossover allows bi-amping as well as bi-wiring.



Coltrane in the listening environment

Loudspeakers should not only sound good but be easy on the eyes. They should be an addition, not a subtraction, to the living environment. This requires perfect design and the highest-quality materials. Coltrane comes in four standard finishes (Walnut, Maple, Cherry, or Oak), combined with high-gloss

black (other finishes and colors are available as options). Thanks to the elegance of the design of Coltrane, the speakers look smaller than they really are. Coltrane can be easily integrated into a living environment, as they are not overly sensitive to placement. Bass adjustment of +/- 1.5 dB allows the Coltrane to be easily adjusted to the listening room. Coltrane performs very well in rooms as small as 17 square meters (156 square feet), up to very large rooms.



Coltrane - Technical Specifications

Frequency range:	20-100000 Hz +2dB
Power rating:	300 W
Sensitivity:	89 dB/w/m
Impedance:	4 ohm (2.7 ohms minimum, with bass-adjust in normal)
Type:	Ported system, port resonance 19 Hz
Drive units:	Two 9" ceramic-bass, 4" ceramic-mid, 3/4" diamond-tweeter
Crossover frequency:	Second order, 300 & 4000 Hz
Terminals:	Biwiring, WBT
Cabinet:	25mm carbon fiber laminate, 61mm wood front (2x30 with deadening glue)
Stands:	Polished steel with Black Diamond Racing cones and pucks
Dimensions:	WxHxD 31.3 cm(12.3")x113.0 cm(44.5")x61.0 cm(24.0")
Netweight:	47 kg (104 lbs)
Finishes:	High-gloss black with wood front panel in Maple, Cherry, Oak, or Walnut

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