

# CYGNUS



// You can buy these and never look back.

— Jeff Fritz, *SoundStage! Ultra*

Rockport Technologies

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The Cygnus features our new Aluminum/MDF hybrid construction, where the baffle is machined from two ¾ inch thick, aircraft grade aluminum plates that sandwich a viscoelastic polymer, forming a 1½ inch thick, constrained mode damped composite sub-baffle. This aluminum sub-baffle assembly is in turn bolted and bonded onto the enclosure's 3 inch thick MDF inner baffle. All of the drive units are mounted to the aluminum sub-baffle assembly, which results in a dramatically lower noise floor, as well as greater dynamic articulation and resolution from the drive units themselves.

The Cygnus' beryllium tweeter is mounted into a custom, machined aluminum waveguide which improves the acoustic impedance match of the tweeter at the low end of its range, allowing for lower distortion and greater dynamic expression from the tweeter itself, and improved dispersion characteristics at the midrange/tweeter crossover point. The waveguide is precision diamond-machined and then anodized, rendering a beautiful 3-D luster, and providing an ideal mounting surface for the tweeter.

The Cygnus loudspeaker benefits from our latest generation midrange, and uses Rockport's state-of-the-art, variable section thickness, carbon fiber sandwich composite cone matched to our enormously powerful, ultra-low distortion motor system. When matched to our new waveguide mounted beryllium tweeter, the Cygnus midrange is extraordinarily resolved, textured, and dynamically engaging, and presents music with a coherency so natural it's uncanny.

Genuine, first octave extension is delivered via two, all new, custom designed and built 10 inch carbon fiber/sandwich composite woofers per channel. The woofer's massive 3 inch diameter motor system provides enormous thermal and mechanical headroom and also exhibits the same vanishingly low distortion figures as our midrange driver (-60 dB!).

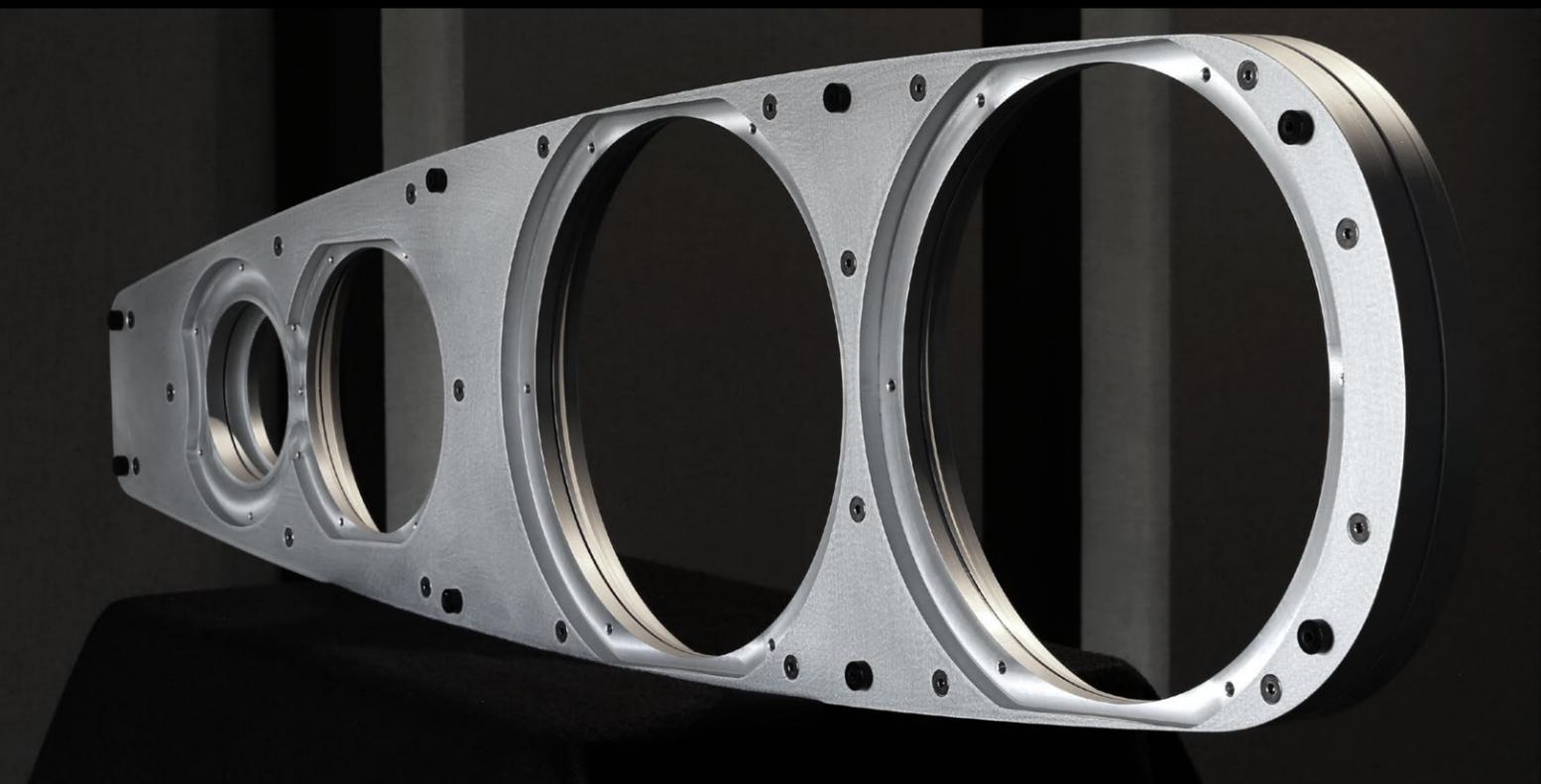




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Like all Rockport Technologies loudspeakers, the singular purpose to re-create a musical experience is echoed in each design choice, and every detail of the Cygnus is finished to the highest standard. The result is a loudspeaker that transcends the boundaries of technical excellence and enters the realm of actually making music.

Woofers	(2) 10" carbon fiber sandwich composite
Midrange	6" carbon fiber sandwich composite
Tweeter	Waveguide mounted 1" beryllium dome
Height	50.50"
Width	13.50"
Depth	27.50"
Weight	285 lbs. each
Frequency Response	20 Hz – 30 KHz, -3dB
Nominal Impedance	4 ohms
Sensitivity	90 dB SPL/2.83 v
Minimum Amplifier Power	30 watts



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