

## **Fedelta del suono (Italien) Sept./Okt. 2003 Massimo Di Biagio ESS GAS Tower**

Quotations:

### **“The Epiphany”**

...“Its goal is to realize the best possible temporal ‘alignment’ of the transmission of different signal transducers. The basis of this goal is formed by a great deal of study material that has apparently born fruits, because one remains deeply moved since the first auditory impression. Looking at the GAS Tower in front of you, while they deliver their sound, can be amazing. Like in an ‘encounter of the third kind’ one feels compelled to change his convictions about positive listening experience by the impact of this new fascinating reality.”

“A correct alignment allows for the realization of the following goals:

- 1) a extremely linear transmission down to the lowest and deepest octaves;
- 2) a natural sound pattern, covering a broad acoustic range;
- 3) an astonishing detachment of the sound that does not seem to come from the loudspeakers any more. For as big as they are, they tend . . . to become invisible. Until now I have not encountered a synergy level like the ability of the GAS Tower to blend itself into the surroundings.”

“These loudspeakers, however, remind me of a ‘lasting’ experience that I had with the legendary JBL 4395 WXA, only here it comes with such a superb holographic excellence that I would not have imagined possible with those storied monitors made in the USA.”

“To say in a nutshell, the sound, all things considered, is in many important parameters absolutely first-class.”

“It reproduces therefore the emotions of a live listening experience, including those that get under one’s skin, and force even the most phlegmatic and scatter-minded audience to show reaction.”

“The intentions of the designing engineer are crystal clear, the road he takes to implementation just as well ... and I cannot agree with him more!”

“In fact the philosophy behind the development of this loudspeaker can be summarized in one word: time. At the same time it seems strange that the majority of loudspeaker designing engineers do not bear in mind the factor ‘time’ at all in a world of digital sophistication and hyper technological analysis. Because the loudspeaker is in every sense the only link in the hi-fi chain that still strongly distorts the temporal coherence of the incoming signal. Whatever one wants to call it, whether time behavior, acoustic phase or group delay, the fact remains that impulse signal is reproduced with distortion by the vast majority of loudspeakers on the market.”

“Michael Weidlich, the designing engineer of the GAS Tower, has no doubt that the time coherence is the first parameter that must be under control. Perhaps Richard Heyser, who devoted himself to this idea decades ago, would be proud of him.”

“The end refers to the beginning, namely to the realization of an ideal time-aligned system by maximal use of the components’ intrinsic characteristics and immaculately supported by the crossover design.”