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## **SPICA RESEARCH UNVEILS ITS LONG-AWAITED TC-60**

### **'TIME-COHERENT' LOUDSPEAKER**

LAS VEGAS, NV (January 6, 1994) -- Renowned loudspeaker designer John Bau is demonstrating SPICA Model TC-60, a logical and evolutionary step up from the highly acclaimed TC-50, introduced more than 10 years ago, here at Suite 6246 of the Sahara Bi-Level Complex during the Winter Consumer Electronics Show.

The TC-60 (the "TC" stands for "Time-Coherent") incorporates a 6 1/2" bass/midrange woofer and 1" soft-dome tweeter mounted in a distinctively designed ported sloping baffle cabinet. It carries a suggested list price of under \$800 the pair.

SPICA President John Bau says the unique baffle is only one of the elements that contribute to Time Coherence. Other interdependent variables include a thick acoustic blanket which helps control energy dispersion in the critical lower treble range and reduce cabinet resonances, a unique crossover system which virtually eliminates time delay errors, and careful matching of drivers and crossovers.

"By careful computer modeling and exhaustive measurements, we were able to make all of the parts work as a whole in our quest to reduce volume-dependent frequency response fluctuations and distortions of all kinds" Bau claims.

-more-

## SPICA Research TC-60 2.2.2.

At the heart of the system is the remarkable crossover network which allows the acoustic response of both drivers to arrive at the ears as though the signal had never been split in the first place. "Reproduced sound at the ears is both spatially and time dependent," Bau notes. "Our computer-generated crossover design has resulted in epithets from the press praising our 'imaging' and 'soundstaging.'"

SPICA's computer research was far ahead of its time, Bau notes, incorporating a powerful numbers-crunching computer and tailor-made software. "In fact, after more than a decade, there aren't many speakers whose imaging and depth begin to compare with the original TC-50s," he claims.

"Time Coherency is to so-called time-aligned speakers as CD sound is to a transistor radio."

SPICA is a wholly owned subsidiary of Parasound Products of San Francisco. It was founded in 1978 by speaker designer and engineer John Bau.

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