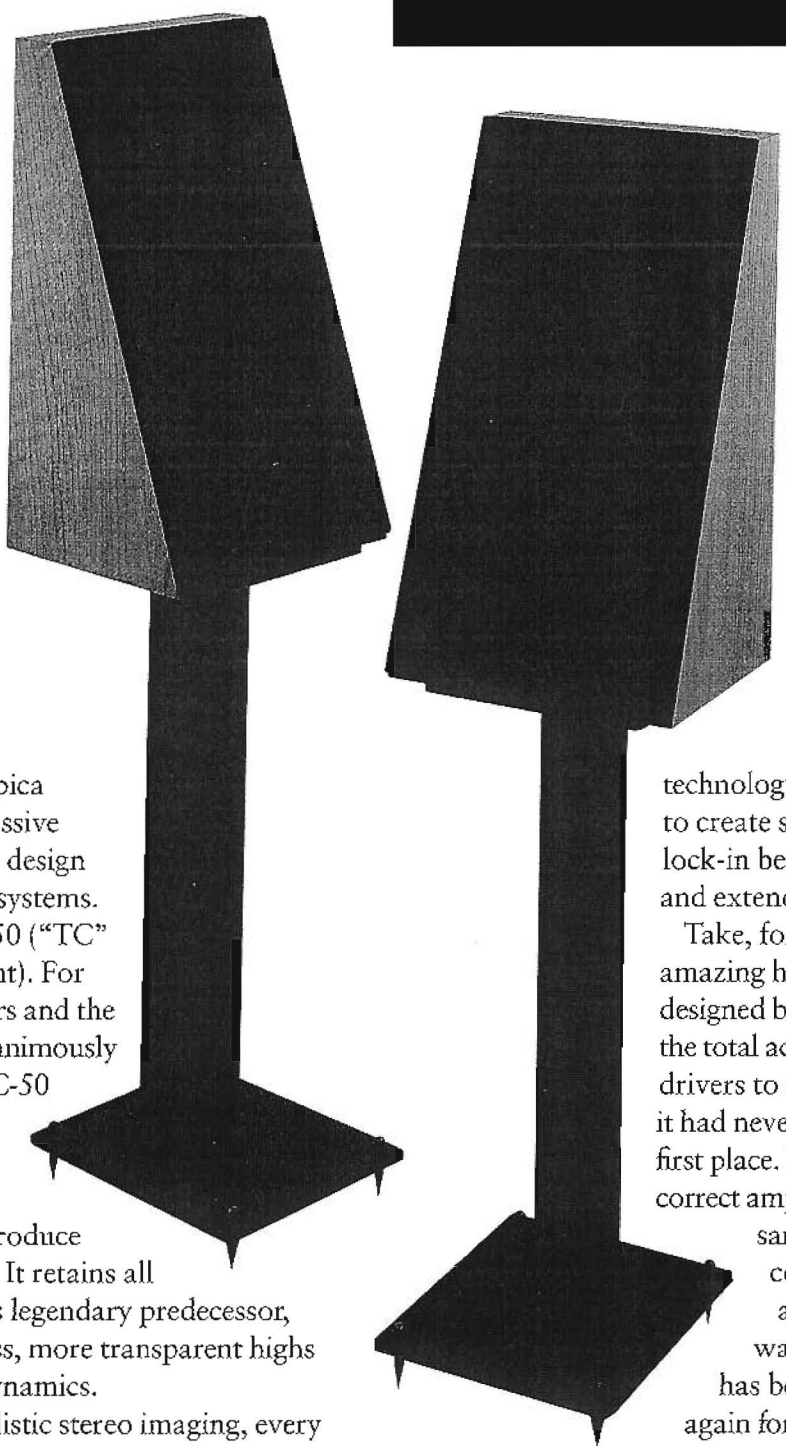
TC-60

TIME COHERENT LOUDSPEAKERS



In the early '80's, Spica embarked on a massive research project to design time-coherent speaker systems. The result was the TC-50 ("TC" stands for time-coherent). For years, customers, dealers and the high-end press have unanimously proclaimed the Spica TC-50 without peer for its pinpoint imaging and ultra-wide soundstage.

Now, we proudly introduce the remarkable TC-60. It retains all the characteristics of its legendary predecessor, plus it has extended bass, more transparent highs and vastly improved dynamics.

In order to create realistic stereo imaging, every single variable was carefully calculated for perfect time coherence. Proprietary software and measurement techniques allow us to offer results other manufacturers haven't been able to match. Spica technology seamlessly combines to create sonic images which lock-in between the speakers and extends far beyond them.

Take, for example, our amazing hand-built crossover – designed by John Bau. It permits the total acoustic response of the drivers to sum at your ears as if it had never been divided in the first place. It sums not only to the correct amplitude, but also at the same precise instant, for correct tonal balance and coherence. If you want to hear why Spica has been honored time and again for outstanding musical reproduction and unsurpassed value, take your favorite records or CDs to your nearest dealer. You'll find Spica the clear choice, even if you were prepared to pay two or three times more.

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L O U D S P E A K E R S

Features & Benefits

Smooth Frequency Response Reproduces vocal and instrumental timbres naturally, without coloration.

Linear Dynamics Consistently accurate tonal balance throughout soft passages and loud transient peaks.

John Bau-designed Bessel-based Crossover Network Controls acoustic response of the drivers to sum perfectly at your ears. Absence of time delay error contributes to incredible imaging.

Extensively Engineered Baffles Provides wavefront support to extend tweeter response down to lower frequencies for improved accuracy throughout the critical crossover region. Provides seamless and inaudible crossover transition.

Sloping Baffle Design Corrects for time delays between drivers as well as delays created by the crossover. Reduces "smearing" by eliminating unwanted sounds that draw your attention to the speaker's physical presence.

Thick Acoustic Absorption Blanket Prevents unwanted sound energy from reflecting into the listening area. Drastically reduces cabinet edge diffraction effects.

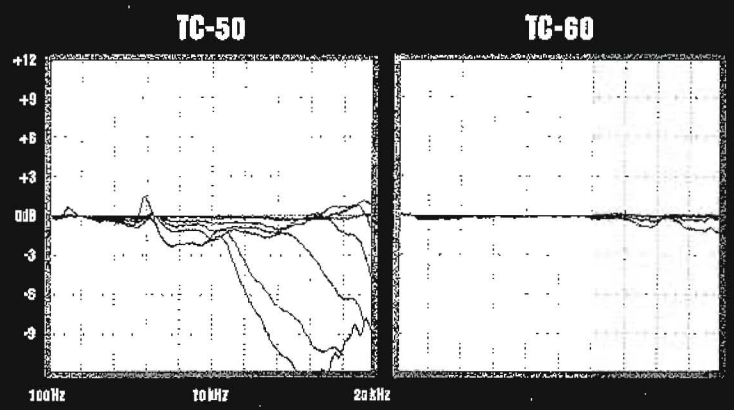
Mirror-imaged and Matched Speaker Pairs Careful matching of every part in both speakers, and symmetrical mirror-image placement of drivers on the baffles, are essential for pinpoint lateral placement of musical instruments across the soundstage.

Specifications

System Type	Ported, QB3 alignment
Frequency Response	(-3dB) 48Hz – 20kHz
Woofer	6.5" polypropylene cone
Tweeter	1" impregnated cloth dome
Woofer Crossover	4th order Bessel acoustic response
Tweeter Crossover	Computer-derived, approximately 1st order response
Input Impedance	8 ohms nominal, minimum 5.6 ohms @ 10kHz
Polarity	Both drivers positive
Sensitivity	87dB @ 1 watt, 1 meter
Power Handling	60 watts continuous, 120 watts peak
Size in inches(cm)	11.5 W x 21.25 H x 10.5 D (29.2 x 54 x 26.7)
Net Weight in lbs(kg)	26 (11.8) each
Finish	Natural Wood

Spica Gravity™ speaker stands provide optimum support for the Spica TC-60 speakers. They are massive, non-resonant, stable and adjustable. Because they're designed by Spica, you'll be guaranteed the best possible performance from your TC-60s.

Dynamic Linearity



Many speaker companies publish frequency response graphs which only depict the tonal balance of their speaker at one drive level. What they don't show you is the change of frequency response over a range of drive levels. The Spica Dynamic Linearity test demonstrates how a speaker's frequency response changes with 9 different input levels, from .1 volts to 10 volts. As shown, the remarkable TC-60 has near-perfect dynamic linearity. The TC-60 is clearly superior to its forerunner, the TC-50 — whose reputation for clarity and transparency still remains a benchmark.

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