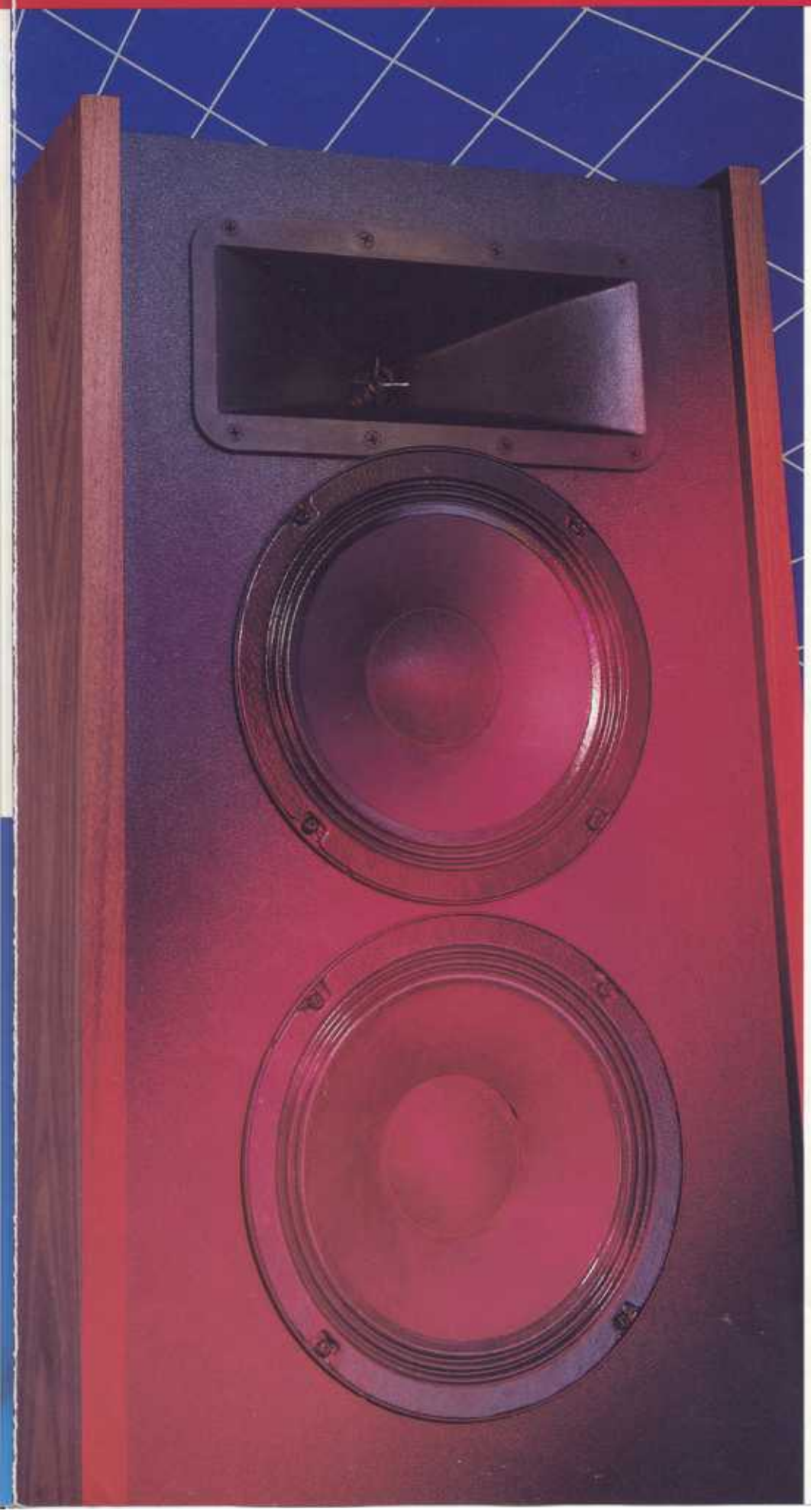
THE HERITAGE, THE TECHNOLOGY

Tangent by klipsch



Introducing the TANGENT series, five new speaker systems from the legendary loudspeaker maker, KLIPSCH.

Five new speaker systems of uncommon quality and clarity.

Five new speaker systems with a sound so clear and sharply focused that there is only one way to describe it: high-definition.

A step beyond the technology of today, here are the systems of the future.

Are you ready?

Turn the page for your introduction to TANGENT by KLIPSCH.

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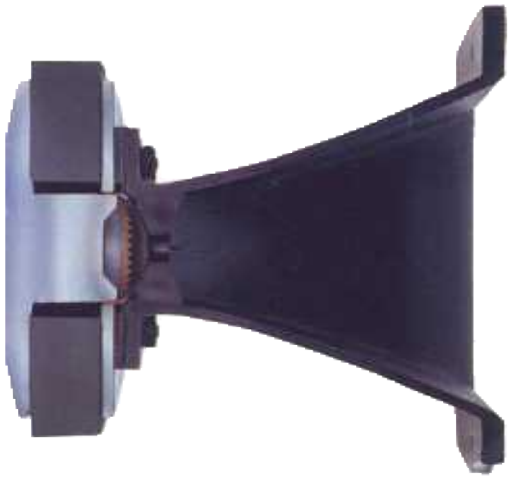
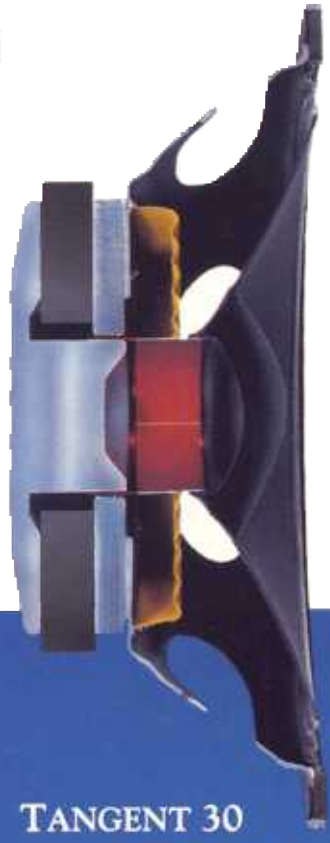


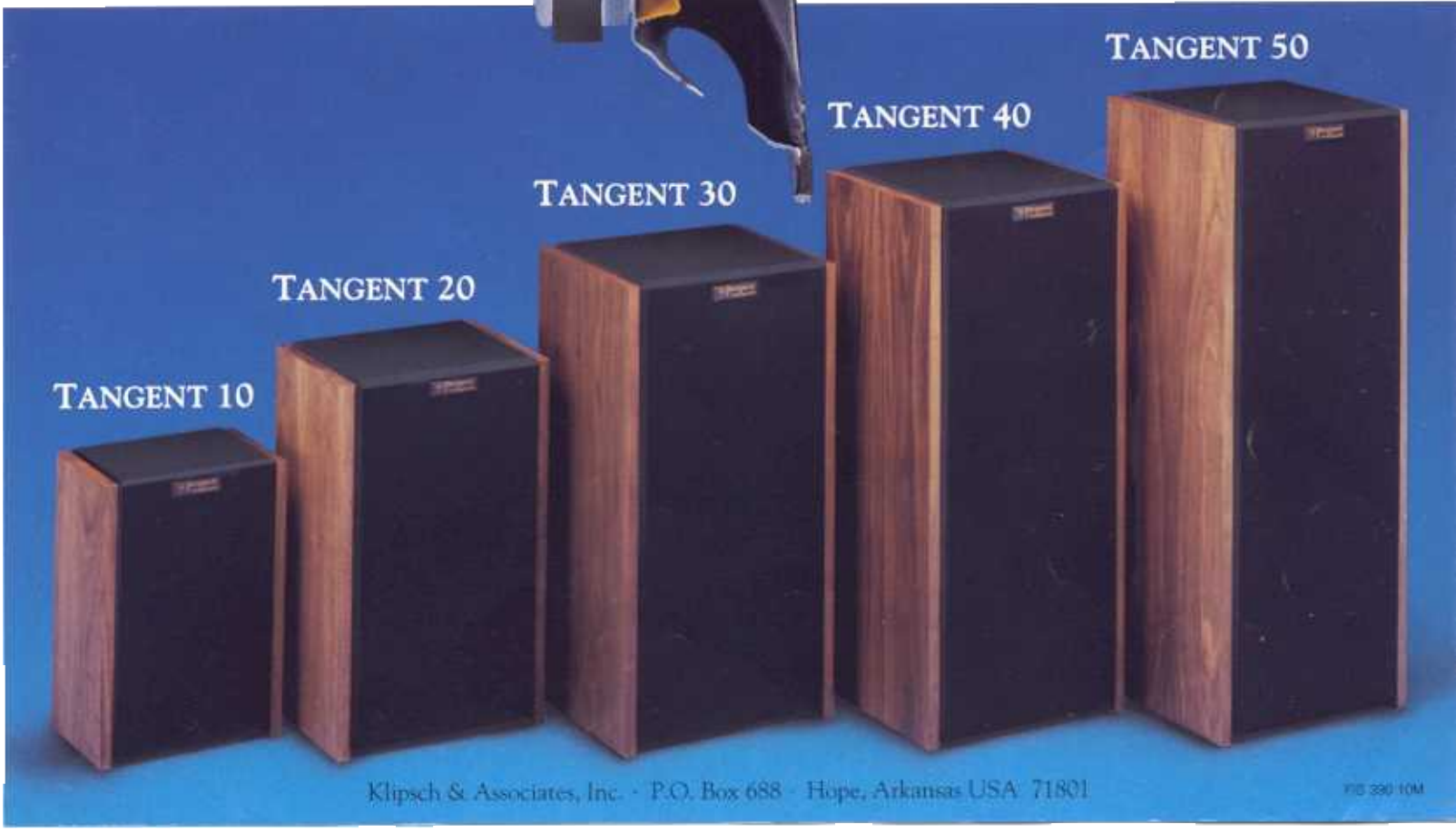
TANGENT High Frequency Compression Driver

- Heavier magnet provides higher sound pressure levels
- Tighter gap for improved transient response
- Ferrofluid (in larger TANGENT models) cools the voice coil for increased reliability at higher output levels



TANGENT Woofer

- Dual dust caps protect driver, increase cone rigidity for reduced distortion
- Magnet is two times larger than conventional woofer for increased output, decreased distortion, and highly defined mid-frequency response
- Special cone geometry for wider dispersion
- Special fiber surround with dual treatments for better damping



Klipsch & Associates, Inc. · P.O. Box 688 · Hope, Arkansas USA 71801

RS 330 10M

A Big Step Beyon

TANGENT 10

Low frequency driver: K-7-K woofer, 8" (20 cm) with 20 oz. (.567 kg) magnet
High frequency driver: K-76-K, 1" (2.54 cm), compression driver, 4.7 oz. (.133 kg) magnet
Sensitivity: 94 dB SPL
Power handling: 100 watts continuous (500 watts peak)
Response: 75 Hz - 20 kHz ± 3 dB
Suggested amplifier: 20 watt min., 100 watt max.
Impedance: 8Ω
Crossover: 3.5 kHz
H: 16 1/4" (41.3 cm) / W: 11 1/2" (29.2 cm) / D: 8 1/4" (21 cm) / 18 1/2 lbs. (8.39 kg) each

TANGENT 20

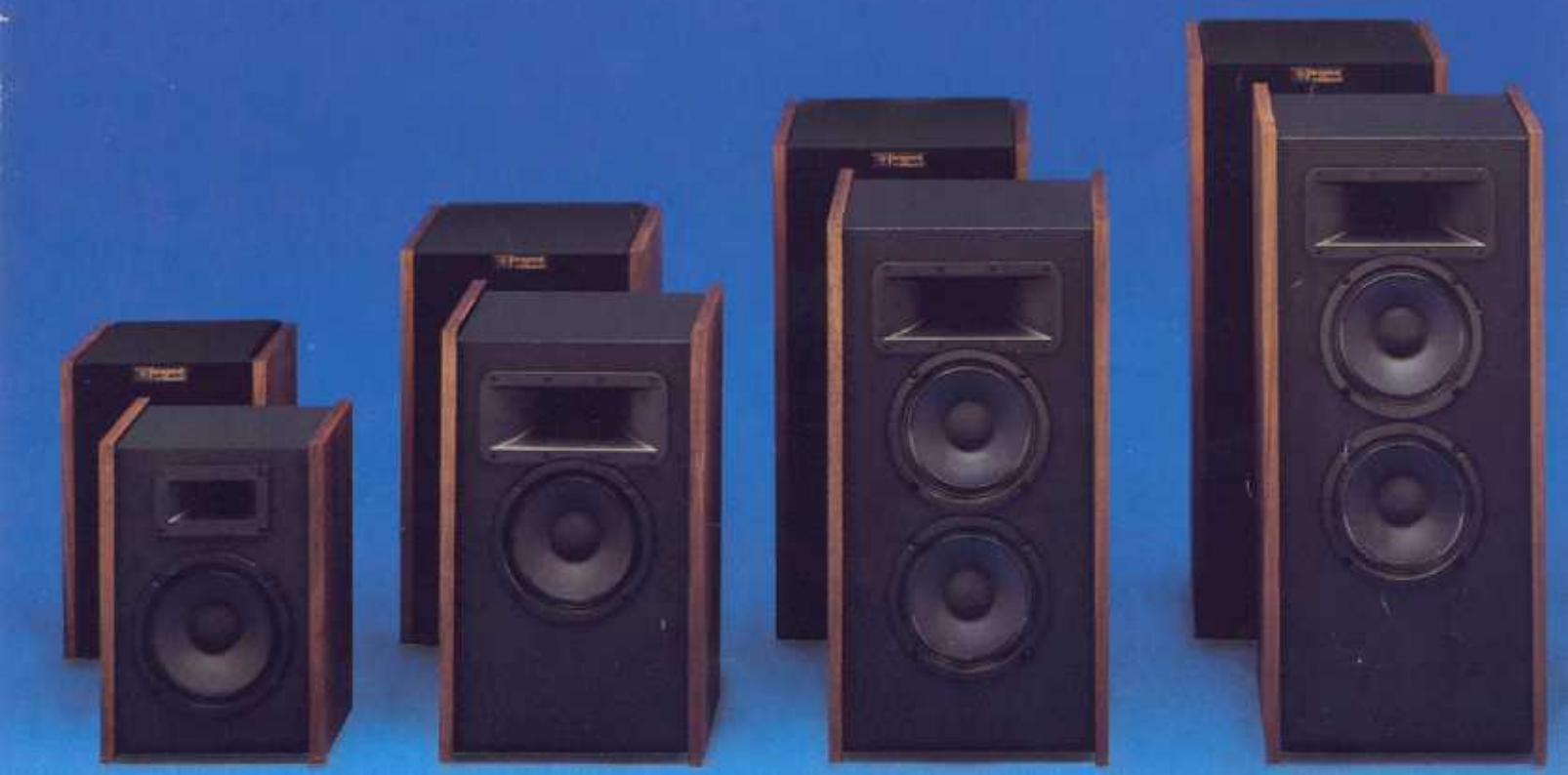
Low frequency driver: K-7-K woofer, 8" (20 cm) with 20 oz. (.567 kg) magnet
Very low frequency driver: KD-11 sub-bass radiator, 10" (25.4 cm)
High frequency driver: K-74-K, 1" (2.54 cm), ferrofluid-cooled compression driver, 5.6 oz. (.158 kg) magnet
Sensitivity: 94 dB SPL
Power handling: 100 watts continuous (500 watts peak)
Response: 42 Hz - 20 kHz ± 3 dB
Suggested amplifier rating: 20 watt min., 100 watt max.
Impedance: 8Ω
Crossover: 1.8 kHz
H: 21 3/4" (52.2 cm) / W: 13 3/8" (31.4 cm) / D: 10 1/2" (26.7 cm) / 24 lbs. (10.9 kg) each

TANGENT 30

Low frequency drivers: Two K-6-K woofers, each 8" (20 cm) with a 20 oz. (.567 kg) magnet
High frequency driver: K-80-K, 1" (2.54 cm), ferrofluid-cooled compression driver, 14 oz. (.397 kg) magnet
Sensitivity: 96 dB SPL
Power handling: 125 watts continuous (625 watts peak)
Response: 50 Hz - 20 kHz ± 3 dB
Suggested amplifier rating: 20 watt min., 150 watt max.
Impedance: 8Ω
Crossover: 1.8 kHz
H: 27 1/4" (69.2 cm) / W: 14 1/8" (35.9 cm) / D: 12 1/4" (31.1 cm) / 45 lbs. (20.4 kg) each

TANGENT 40

Low frequency drivers: Two K-6-K woofers, each 8" (20 cm) with 20 oz. (.567 k magnet
Very low frequency driver: KD-13 sub-bass radiator, 12" (30.5 cm)
High frequency driver: K-80-K, 1 (2.54 cm), ferrofluid-coole compression driver, 14 oz (.397 kg) magnet
Sensitivity: 96 dB SPL
Power handling: 125 watts continuous (625 watts peak)
Response: 42 Hz - 20 kHz ± 3 dB
Suggested amplifier rating: 20 watt min., 150 watt max
Impedance: 8Ω
Crossover: 1.8 kHz
H: 31-3/4" (80.6 cm) / W: 14 1/8" (35.9 cm) / D: 12 1/4" (31.1 cm) / 49 lbs. (22.2 kg) each



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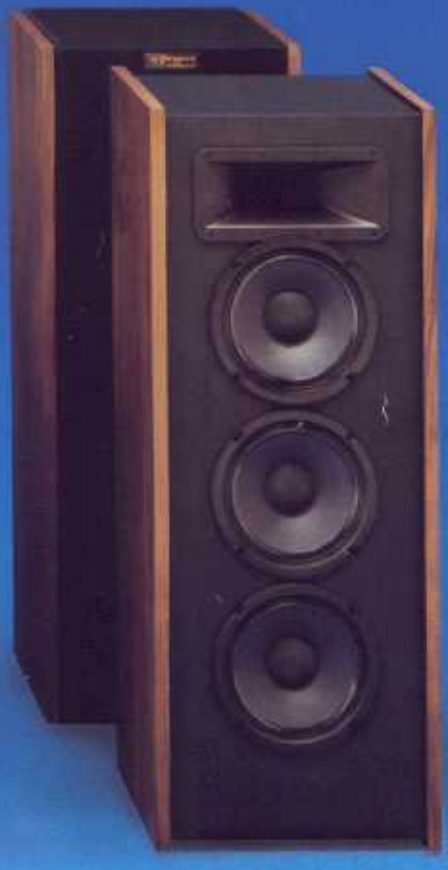
TANGENT 50

Low frequency drivers: Three K-5-K woofers, each 8" (20 cm), with a 20 oz. (.567 kg) magnet
Very low frequency driver: KD-12 sub-bass radiator, 12" (30.5 cm)
High frequency driver: K-82-K, 1" (2.54 cm), ferrofluid-cooled compression driver, 14 oz. (.397 kg) magnet
Sensitivity: 98 dB SPL
Power handling: 150 watts continuous (750 watts peak)
Response: 44 Hz - 20 kHz ± 3 dB
Suggested amplifier rating: 20 watt min., 200 watt max.
Impedance: 8Ω
Crossover: 2.2 kHz
H: 36 1/4" (92.1 cm) / **W:** 14 1/8" (35.9 cm) / **D:** 12 1/4" (31.1cm) / 58 lbs. (26.3 kg) each



Most speaker designers work hard toward reproduction of low frequencies because low frequencies deliver "bigness" to music. They work hard to get high frequencies because high frequencies deliver "detail" in music. Most speaker designers are satisfied when they have a speaker that provides *acceptable* performance in these two areas. For the TANGENT series, KLIPSCH engineers went a big step beyond.

Tweeters With Powerful Compression Drivers

Instead of a typical "dome" or "cone" tweeter found in most speakers, each speaker of the TANGENT series gives you a powerful *compression driver* mated to a horn to give you three times more output. The result is higher sensitivity, lower distortion, and wider dynamic range. In larger TANGENT models, the compression drivers are ferrofluid-cooled to give you even greater output, power handling, and reliability.

Woofers With Mega-Magnets

A typical woofer may adequately reproduce bass, but almost never is that bass well-defined, especially in upper-bass frequencies. Each TANGENT woofer provides strong, smooth bass with *tremendous* definition. To accomplish this, TANGENT woofers have larger, heavier magnets — 20 ounces (567 grams) per driver. That's twice the weight of a typical woofer magnet. Such a magnet deserves a special woofer cone. And TANGENT woofer cones meet the challenge with special cloth surrounds, dual dust caps, and a superior geometry to handle the power, give you the output, and optimize frequency dispersion. All for a better, highly-defined sound.

Very Low Frequency Drivers

Larger TANGENT series models feature rear-mounted sub-bass radiators as *very low frequency drivers*. These sub-bass radiators supplement and extend the output of the woofer so that you hear exceptionally deep, solid bass.

The Result Is High-Definition Sound

All of this allows you to enjoy full reproduction of the remarkable transients and dynamic range found in today's digital source material. All of this allows you to enjoy music as it should be heard: full of lifelike clarity in the high frequencies, well-balanced and well-focused in the middle frequencies, and rock solid in the low frequencies. We call it high-definition. The difference is startling.

Best Seat In The House

Some speakers direct music away from you by pointing mid and high frequency drivers at rear and side walls. Though interesting when you first hear them, these designs are soon irritating because of the time smears and distortion they create.

TANGENT speakers point all mid and high frequencies toward you to eliminate time smears. Sub-bass radiators found on larger TANGENT models are, however, directed toward the rear because the very low frequencies reproduced by these drivers are virtually immune to time smears and are often enhanced by coupling to rear and side walls. The result is like sitting front and center at a live concert — the best seat in the house.

Real Wood Cabinetry

You will not find cheap, woodgrain vinyl cabinetry on any speaker in the TANGENT series. Like a fine musical instrument, the cabinet of each TANGENT series speaker features genuine walnut veneer, handfinished to a lustrous and lasting beauty.

Just Listen

Discover the new era of speaker design, discover the thrilling beauty of high-definition in music reproduction, just listen to the TANGENT series.