

Definitive's Revolutionary Bipolar BP 6B, 8B, 10B & 30 Deliver Astounding Sound for Music & Movie Perfection!

"Truly outstanding...Definitive has
hit the bull's eye."

— Julian Hirsch, *Stereo Review*



Definitive Technology's BP 6B, 8B, 10B and 30 are revolutionary new audiophile engineered, designer styled loudspeakers intended for musical reproduction and home theater systems of the highest quality (including Dolby Pro-Logic*, Dolby Digital AC-3* and DTS).

These full-range bipolar (front and rear) radiating systems combine the lush spacious soundstaging, lifelike depth-of-field, razor-sharp resolution and pinpoint imaging of the finest dipolar panel loudspeakers with the extended bass response, high-efficiency, wide dynamic range and easy-to-position convenience of the best conventional box systems.

“Does a brilliant job of reproducing both movie soundtracks and musical performances.”

— Brent Butterworth,
Video Magazine

Definitive Technology®
The Leader in High-Performance Loudspeakers™

Definitive's Extraordinary Bipolar BP 30, 10B, 8B and 6B Now Incorporate BP 2000 Series Technology

Audiophile Performance, Designer Styling, and Unmatched Value

The goal of the Definitive design team was to create state-of-the-art loudspeakers which offered unsurpassed sophisticated technology and lifelike musical and cinematic reproduction combined in sleek and stylish designs which could be easily and attractively placed in your home environment. Their success in achieving these goals is immediately apparent when you listen to your favorite music or movie through Definitive speakers. The elegant slender towers seem to disappear in a huge natural soundstage which extends in a three-dimensional arc beyond the speakers from left to right, and exhibits front to back depth which, at times, can be almost startling in its ability to recreate the illusion of live music or cinematic action being performed in your room (which will seem to be almost magically expanded in size).

Thousands of man-hours of critical listening, design processes utilizing the most advanced computer loudspeaker development programs available and proprietary engineering investigations at the NRC (the world's most advanced loudspeaker research facility) have combined to produce loudspeakers like no other in the world. The spectacular three-dimensional imaging, awesome deep bass response and silky smooth high definition linearity of the Definitive Technology BP 6B, 8B, 10B and 30 are the result of the utilization and integration of a myriad of technological advancements and breakthroughs (including the latest state-of-the-art components and technology developed for our flagship BP 2000 Series loudspeakers) which have been combined to create unmatched instruments for the reproduction of music or movies in your home. They truly recreate reality that totally suspends disbelief.

The Sonic Superiority of Definitive's Bipolar Loudspeakers

Experts agree that bipolar loudspeakers are unquestionably superior for both music and home theater and Definitive is the leader in bipolar technology. What is responsible for the unequalled sonic performance of Definitive's bipolar speakers? Quite simply, each speaker incorporates two complete sets of drivers—one facing forward and the other facing to the rear. Thus, the BP 6B, 8B, 10B and 30 radiate the full sonic spectrum both forward and rearward in an omni-directional pattern much like sound is produced in real life.

The benefits are dramatic! This unique technology provides you with a lifelike balance of early-arrival sound information (which provides focus, clarity and location data), and properly delayed late-arrival information (which conveys the lush three-dimensional soundstage of a live music or cinematic performance). In addition, the special driver topology, as well as wide dispersion, assures a superb panorama of lifelike sound for every listener in your room wherever they sit or stand. Most importantly, however, Definitive's bipolar speakers make the walls of your room seem to disappear and, in effect, expand the size of your room into the soundspace of the live event your system is reproducing. They literally bring your music and movies to life!

Monocoque, Non-Resonant, Low-Diffraction Cabinets

The cabinet of a loudspeaker plays a large part in its sonic performance. Diffraction, or the secondary radiation of sound caused by cabinet edges, grill frames and other protrusions, can color the sound of a loudspeaker. The design of the BP 6B, 8B, 10B and 30 reduces diffraction to an absolute minimum by flush mounting drivers on extremely narrow baffles with radiused edges, which are covered by a frameless grill "sock."

In addition, the resonant vibration of a loudspeaker's cabinet walls and baffles can also impart unwanted coloration. The Definitives' monocoque cabinets are constructed of high-density medite with 1" thick front and rear baffles, foam dampening pads and internal braces. This virtually eliminates resonant cabinet coloration which could otherwise interfere with the pure sound produced by our high definition drivers. The BP 10B and 30, like the BP2000 and 2002, also include an additional divider/brace panel separating the front and rear drivers.

Computer Synthesized Transmission Line Tuning (CSTLT)

Transmission line loading of low frequency drivers has long been acknowledged among critical audiophiles as producing the deepest, cleanest and most uncolored bass response. The construction of a true and properly engineered transmission line is, however, an extremely complex and expensive procedure. Definitive Technology's engineers have developed, with the aid of a supercomputer at a major Eastern university, a new bass tuning program which basically duplicates the loading of a transmission line (in terms of extended bass response and ideal transient behavior) in a much more elegant and cost-effective cabinet construction.

Multiple High Definition Cast-Magnesium Basket Drivers

The BP 8B, 10B and 30 all utilize multiple high definition cast basket bass/midrange drivers (the same as used in our flagship BP 2000 Series) for significant performance advantages in the areas of bass reproduction, lifelike midrange clarity and dynamic range. These sophisticated bass/midrange drivers incorporate deeply drawn mineral-filled homopolymer cones, combined with butyl rubber surrounds and dustcaps, high temperature vented voice coils and massive magnet structures. This combination of features assures high definition, superb transient response, high efficiency, high power handling and extended bass response. In addition, they are assembled utilizing an aerodynamically designed, magnetically inert, cast-magnesium basket to minimize internal reflections off the back of the cone and preserve structural and magnetic integrity under all conditions. The BP 6B uses otherwise identical stamped basket versions of the BP 8B's cast basket drivers.

Moving Coil Pure Aluminum Dome Tweeters

The moving coil dome tweeters Definitive developed for the BP2000 Series are now incorporated in the BP 6B, 8B, 10B and 30. They utilize a specially annealed pure aluminum 25 mm dome, suspended by a silk surround and acoustically loaded by a precisely configured phase plug/lens, engineered to assure perfectly controlled, absolutely linear movement. This results in velvety smooth extended response (beyond 30 kHz), greatly reduced distortion, improved transient response, wider dispersion and notably higher definition. Magnetic fluid damping is incorporated for ultra high power handling.

Phase Coherent Linkwitz-Riley Crossover Networks

The crossover network of a loudspeaker is the real heart of the system, as it is responsible for perfectly blending together the sound of the various drivers into a musically seamless whole. The sophisticated Linkwitz-Riley designs used in the BP 6B, 8B, 10B and 30 equalize the drivers for linear phase and frequency response. This preserves the phase coherence, transient response and dynamic integrity of the signal for absolutely lifelike music and home theater reproduction in your home.

Easily Positioned for Superb Sound Throughout Your Room

BP 6Bs, 8Bs, 10Bs and 30s are engineered to be easy to position (just 5" to 24" out from the wall) in any listening room or home theater installation in order to achieve superb sonic reproduction throughout your room. In addition, a major benefit of the special driver topology is wide dispersion, which assures a superb panorama of life-like sound for virtually every listener in a room, no matter where they sit or stand.

There's a Superb Definitive Bipolar Tower Perfect for You

The BP 6B: Leading experts agree that Definitive's revolutionary bipolar loudspeakers are sonically superior to any conventional speaker regardless of size or price. Our least expensive tower, the astonishing BP 6B, brings all the dramatic benefits and sonic superiority of full-range bipolar technology to a new level of affordability.

The BP 8B: The BP 8B is an extraordinary full-range bipolar loudspeaker which offers award-winning sonic performance superior to competitors' systems selling for twice its price and more. The BP 8B's taller cabinet and cast basket drivers deliver even more extended bass response than the BP 6B. Its exquisite, jewel-like piano-gloss black or natural oak finish complements the finest home furnishings, and its sleek, ultra-compact design takes up only 1/2 sq. ft. of floor space.

The BP 10B: Considered one of the world's finest loudspeakers, the BP 10B, in the words of *The Inner Ear Report*, is "almost too good to be true!" Its combination of full-range bipolar technology, computer synthesized transmission line tuning (for subwoofer-quality bass), monocoque low-diffraction cabinet and Definitive's high definition drivers (two 17 cm cast-magnesium basket bass/midrange drivers and two 25 mm pure aluminum dome tweeters) results in a true state-of-the-art speaker of unsurpassed quality and value. It utilizes larger drivers than the BP 8B for even fuller, more extended bass response, higher power handling and greater dynamic range.

The BP 30: Definitive's BP 30 utilizes all the technology incorporated in the BP 10B and combines it with virtual point source coincidentally radiating, symmetrically concentric driver arrays. Each BP 30 incorporates four 17 cm bass/midrange drivers which are arrayed on the front and rear baffles in two concentric pairs, each surrounding a pure aluminum dome tweeter. Each pair of bass/midrange drivers creates a virtual point source radiating from a position midway between them, which is coincident with the tweeter location. This symmetrically concentric (or D'Appolito) point source mounting results in further improvements in the areas of driver blending, depth retrieval, lateral imaging and dispersion. Additionally, the use of four bass/midrange drivers extends the bass response below 20 Hz (superior to most subwoofers) with power handling capability exceeding 500 watts. The BP 30 incorporates provisions for bi-amping or bi-wiring.

Important Ultra-Performance Note: In addition to their use as left and right front main speakers, all Definitive bipolar towers also make superb rear/side speakers for the finest and most advanced home theater systems.

In 1972, Sandy Gross and two classmates from Johns Hopkins University formed what was to become one of the world's most successful loudspeaker manufacturers.

In 1988, Sandy left to pursue his ultimate dream and create truly world-class loudspeakers dramatically superior in design, technology, sonic performance, construction quality and value to everything which had come before.

Voted #1 for quality and reliability by top industry professionals in a nationwide dealer survey, Definitive Technology loudspeakers are the successful realization of this dream.

"In a word, the performance is stunning. These speakers have a huge advantage for home cinema."

— Home Cinema Choice

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The Leader in High-Performance Loudspeakers™

“The best . . . almost too good to be true . . .”

— *The Inner Ear Report*



Definitive's PowerField® subwoofers are the perfect match for your bipolar towers.

Definitive Technology BP 6B, 8B, 10B & 30 Specifications

	BP 6B	BP 8B	BP 10B	BP 30
Dimensions	7"W x 11"D x 35"H	7"W x 11"D x 38"H	8"W x 12 1/4"D x 42"H	8 1/2"W x 15"D x 46"H
Frequency Response	25 Hz-30 kHz	22 Hz-30 kHz	20 Hz-30 kHz	18 Hz-30 kHz
Rec. Assoc. Amplification	20-175 Watts/channel	20-200 Watts/channel	20-300 Watts/channel	20-500 Watts/channel
Efficiency	91 dB	91 dB	91 dB	91 dB
Nominal Impedance	8 ohms	8 ohms	8 ohms	8 ohms
Driver Complement	Two 25 mm pure aluminum dome tweeters; two 14 cm mineral-filled homopolymer-coned bass/midranges.	Two 25 mm pure aluminum dome tweeters; two 14 cm mineral-filled homopolymer-coned, cast-magnesium basket bass/midranges.	Two 25 mm pure aluminum dome tweeters; two 17 cm mineral-filled homopolymer-coned, cast-magnesium basket bass/midranges.	Two 25 mm pure aluminum dome tweeters; four 17 cm mineral-filled homopolymer-coned, cast-magnesium basket bass/midranges.
Finish	Black ash laminate. Black grill cloth.	Jewel-like piano black lacquer or genuine oak with wrap around black grill cloth (optional white cloth available separately).		
Weight	42 lbs.	46 lbs.	60 lbs.	80 lbs.
Warranty	5 years parts and labor.	5 years parts and labor.	5 years parts and labor.	5 years parts and labor.

Speakers are supplied with an optional spiking kit.

Specifications are subject to change without notice.

The Definitive Bipolar Home Theater System

“the most complete well-rounded audio/video speaker system we've heard”

— *Video Magazine*

Experts agree that Definitive's award-winning Bipolar Home Theater is the finest available. Its dramatic sonic superiority is the reason it was selected by experts in *Stereo Review* for their home theater “Dream System” and chosen by professionals like the Canadian Broadcasting Corporation for the reference system in their executive screening room.

Bipolar technology goes beyond putting you in the movie theater and actually puts you in the movie. It provides a realism of sonic reproduction which is unobtainable from any conventional loudspeakers regardless of price. As *Video Magazine* said, “you literally feel like you're part of the movie.” Simply combine a pair of our bipolar front main speakers with one of our precisely tonally matched shielded center channels and a pair of our bipolar rear/side surround speakers (or another pair of towers for even higher performance) plus one or two PowerField® subwoofers for the ultimate in home theater performance: The Definitive Bipolar Home Theater System. (All our speakers are precisely timbre-matched to each other so any combination will blend together perfectly.)

Video Magazine says that “Bipolar systems are as close as we've come to finding The Holy Grail of home theater.” They call Definitive's Bipolar Home Theater System “the most complete well-rounded audio/video speaker system we've heard” and say “it achieves a perfect balance between price and performance.” *Video* concludes that Definitive's complete Bipolar Home Theater “does a brilliant job of reproducing both Dolby Surround movie soundtracks and musical performances” and is “a perfect fit for the vast majority of home theater listeners.”

* Dolby Pro-Logic, AC-3 and Dolby Digital are Registered Trademarks of Dolby Laboratories Licensing Corporation.

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The Leader in High-Performance Loudspeakers™

11433 Cronridge Drive, Owings Mills, MD 21117



- Winner of the Prestigious Design and Engineering Award at the International Consumer Electronics Show.
- Winner of *Video Magazine's* ViVA GOLD Product of the Year Award.
- Honored by selection for *Stereo Review's* “Expert's Dream System.”
- Winner of *Sound & Vision's* Critic's Choice Award.
- Chosen by the Canadian Broadcasting Corporation for their Reference System.

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