

Definitive's Revolutionary PowerMonitor™ Series

With their amazing built-in powered subwoofers,
these compact superspeakers sound like giant towers!

•PowerMonitor 500 •PowerMonitor 700 •PowerMonitor 900
and Complete Matching Home Theater Systems

“Exceptional ... I heard imposing monoliths,
but all I saw were bookshelf speakers.”

– *Sound & Vision*



Definitive Technology®
The Leader in High-Performance Loudspeakers®

Definitive's Remarkable Power

D

Definitive Technology's total commitment to uncompromised sonic superiority has made us the leader in high performance loudspeakers. We have been voted the industry's top loudspeaker manufacturer as well as #1 for quality and reliability. Now it is our pleasure to present our PowerMonitors. These extraordinary compact "bookshelf-size" loudspeakers truly sound like giant towers. With their built-in powered subwoofers in combination with state-of-the-art Definitive components, advanced engineering and superior-imaging low-diffraction narrow monocoque cabinets, the PowerMonitors dramatically outperform all other "bookshelf-size" speaker systems regardless of size or price.

The Extraordinary Sound of Definitive's PowerMonitors Will Bring Your Music and Movies to Life

The sonic goal of Definitive's engineers is always to create loudspeakers which go beyond merely excelling at all the conventional measurable parameters of speaker performance. Of course the PowerMonitors have vanishingly low distortion, lightning-fast transient response, and superbly linear frequency response which goes above and (uniquely for a bookshelf speaker) below the limits of audibility. Plus you get all the sonic characteristics which accompany this measurable excellence such as velvety smooth midrange, crystal clear highs and deep, tight bass response. But more importantly, the PowerMonitors have the ability to "suspend disbelief" and literally make the music or movie come vibrantly alive in your home. These amazingly compact speakers disappear in a huge three-dimensional sonic image with tremendous height, width and depth which seem to make the walls of your room vanish into the soundstage of the original performance. This is the magic of Definitive Sound.

PowerMonitors Give You Giant Tower Performance That You Can Easily Put on a Bookshelf or in a Cabinet

The PowerMonitors were created for listeners who want the big sound of giant tower speakers but don't have the space. These magnetically shielded speakers are designed for tremendous placement flexibility and deliver optimum performance when placed either vertically or horizontally in a cabinet, on a bookshelf, in custom built-in applications or on a stand (optional high performance stands are available). They are engineered so the subwoofer and/or the rear of the speaker can be positioned as close as 1/2" from a cabinet's side or back wall. Most importantly, the PowerMonitors, relative to conventional bookshelf speakers, will deliver smoother response and superior performance for in-cabinet installations because the woofer level control allows you to perfectly tune the PowerMonitors to their specific location environment.

Dual High-Power, High-Definition, Built-In Powered Subs

Each PowerMonitor contains a built-in powered subwoofer combining a high-wattage discrete MOSFET high-current amplifier and a high-definition long-throw subwoofer driver (PM 900: 250 watts RMS w/ 10" sub, PM 700: 250 watts RMS w/ 8" sub, PM 500: 150 watts RMS w/ 8" sub). An ultra-low distortion electronic crossover with a precision level control gives you tuning flexibility, and a complete complement of connections allows easy hook up with either speaker wire or speaker wire plus a separate low-level LFE input. Because the subs are built into the speakers, our engineers were able to achieve superbly coherent blending with a perfect combination of delicate musicality and thunderous power. The first time you hear PowerMonitors you will be totally awed, as were top reviewers from around the world, by the huge image and incredible bass produced by these compact stealth superspeakers.

Definitive PowerMonitors Deliver Total Harmonic Integrity

Definitive invented built-in powered subwoofers in order to create speakers which not only have incredible bass performance but, more importantly, are clearly more musical. Having truly full-range capable left and right front speakers, as well as a full-range center channel, is extremely important for total harmonic integrity (not to mention full impact and full dynamic range capability). Our PowerMonitors, as well as our matching center channels with built-in powered subwoofers, are capable of truly full-range reproduction so they can be run as "large" speakers and will clearly sound dramatically better



than any conventional speakers with music as well as home theater (the difference this makes in dialogue is also quite dramatic). Conventional bookshelf speakers, even in conjunction with a separate powered subwoofer, can never deliver this level of performance. Dolby Digital* was created for full-range frequency response in every channel and anything less (especially up front) is a clearly audible compromise of Dolby Digital's performance potential.

High-Definition Cast-Basket Bass/Midrange Drivers

The PowerMonitors utilize Definitive-developed high-definition cast-basket bass/midrange drivers for significant performance advantages in upper bass detail, midrange clarity and dynamic range. These sophisticated drivers incorporate deeply drawn mineral-filled homopolymer cones, butyl rubber dustcaps and surrounds, 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 linear response. In addition, the aerodynamically designed, magnetically inert, non-resonant, cast magnesium baskets minimize reflections of the sound radiating from the back of the cones and preserve structural and magnetic integrity.

Ultra-Precision Differential Phase-Coherent Linkwitz-Riley Crossover Networks for Perfect Driver Blending

A loudspeaker's crossover network is the real heart of the system. It is like the conductor of an orchestra, telling each driver exactly when to come in and precisely how loudly to play. Here Definitive's talented engineers really work their magic, perfectly blending the sound of the various drivers into a sonically seamless, musically coherent whole. Our complex and sophisticated Linkwitz-Riley designs, which utilize the finest components, are masterpieces of electrical engineering. In addition, the electronic crossovers in the subwoofer mod-

PowerMonitor™ Loudspeakers

ules perfectly blend the subwoofers with the driver arrays. The result is a symphony of sonic perfection that completely preserves the phase coherence, transient response and dynamic integrity of the original signal.

PowerMonitor Home Theater Systems Deliver Superb Performance Without the Need for a Separate Subwoofer

Each PowerMonitor has a powerful high-definition powered subwoofer built into its compact cabinet. Because of this, Definitive's PowerMonitors are the only "bookshelf-size" speakers in the world which deliver the musical superiority that comes from the total harmonic integrity which only true full-range speakers have. And obviously, they are the only "bookshelf-size" speakers that will give you, without the need for a separate subwoofer box, all the floorshaking impact and dynamic excitement that Dolby Digital LFE channel subwoofer quality bass brings to your movies. Thus they offer performance advantages over all other "bookshelf-size" main speaker-based home theater systems, whether they have a separate subwoofer or not.

For Ultimate Mega-System Performance You Can Add a Separate Subwoofer to Your PowerMonitor Home Theater

If you are a listener with a very large room or are seeking even higher levels of mega-system performance (you know who you are), you can easily add an additional Definitive subwoofer (they'll all work perfectly) to your PowerMonitor home theater system and enjoy the added impact of a third subwoofer in your room (or a fourth sub if you have one of our C/L/Rs with a built-in sub). You will still maintain all the benefits that the PowerMonitors' built-in subwoofers give you in terms of having total harmonic integrity with fuller, richer, more coherent sound, better imaging, more seamless blending, etc. A system like this is truly a state-of-the-art mega-system with performance well beyond anything you can achieve with any combination of conventional bookshelf speakers and separate subwoofers regardless of size or price.

Choose Your Own Perfectly Matched Definitive Home Theater

Selecting your own perfectly matched Definitive home theater system is easy to do. Since all Definitive speakers are engineered to have the same timbral balance and sonic signature, they can all be used together in any combination with excellent results. For optimum performance, we recommend our

C/L/R Center Channel speakers with built-in powered subs (C/L/R 2300, C/L/R 2500, or C/L/R 3000) and our bipolar rear/side surround speakers (BP1.2X, BP2X, BPX, BPV/X, BPVXP, UIW BP/A, UIW BPZ/A). However, you can use any of our other center channels (including another PowerMonitor as a center) and any of our PowerMonitors, ProMonitors or UIW in-wall/in-ceiling speakers as rear/side surrounds or center rear with excellent results (consult our website for a complete listing). Whatever you choose, you will have a superb home theater system which will deliver optimum performance with all discrete 5.1, 6.1 & 7.1 decoding systems (Dolby Digital, EX* and DTS*) as well as Dolby Pro-Logic* and all music formats including stereo.

"Exceptional...I heard imposing monoliths, but all I saw were bookshelf speakers." — Rich Warren, Sound & Vision

"The PowerMonitor 700 and C/L/R 2500 are small enough to hang from a palm tree, yet their powered woofers could shake down all its coconuts...wide dynamic range...smooth, broad frequency response...surprisingly deep, powerful bass from a relatively compact speaker...ample bass, even without [a separate] subwoofer...exceptional imaging...compact, easy to place...The way the PowerMonitor system reproduced this montage of sound during the crash might be a little too realistic for those with a weak heart. Layer upon layer of wind noise, engine roar, cockpit alarms, shouting crew members, and rolling carts and loose cargo careening around filled my home theater, yet each strand of sound was clear enough to seem real...This system did an impressive job of conveying every audible bit of this catastrophe."

"The Definitive system did equal justice to music...the system produced enough low bass to impressively recreate the ambience of Meyerson Center in Dallas, transforming my theater into a concert hall...bass performance without [a separate] sub was that good...the sound seemed effortless...I heard imposing monoliths, but all I saw were bookshelf speakers...Playing this recording on the pair of PowerMonitor 700s brought them (Tom Paxton and Anne Hills) into the room, with highly accurate vocal reproduction. Next I played Suzanne Buirgy's The View From Here. This full-throated pop vocalist also entered my room with flawless imaging...The compact PowerMonitor 700s and their well-chosen companion speakers provide big sound while fitting in small spaces where larger systems would be obtrusive or impractical. No matter where you listen, they can transport you to your own tropical island."

Excerpted from the PowerMonitor 700 Speaker System Review, *Sound & Vision Magazine*, October 2001.

Definitive PowerMonitor Specifications:

- **PowerMonitor 900:** Dimensions: 8 ³/₈"W x 16"D x 18 ³/₈"H. Response: 19Hz–30kHz. Efficiency: 92dB, Rec. Amp.: 20–300 watts. Nominal Imp.: 4–8 ohms. Drivers: one 10" long-throw sub w/ 250-watt RMS amp, one 6 ¹/₂" cast-basket upper bass/midrange driver, one 1" pure aluminum dome tweeter. Connections: gold-plated 5-way binding posts and optional LFE input. Auto on/off. Finish: piano gloss black. Weight: 49 lbs. Magnetically shielded.
- **PowerMonitor 700:** Dimensions: 6 ⁴/₅"W x 14 ¹/₈"D x 16 ³/₄"H. Response: 20Hz–30kHz. Efficiency: 92dB, Rec. Amp.: 20–250 watts. Nominal Imp.: 4–8 ohms. Drivers: one 8" long-throw sub w/ 250-watt RMS amp, one 5 ¹/₄" cast-basket upper bass/midrange driver, one 1" pure aluminum dome tweeter. Connections: gold-plated 5-way binding posts and optional LFE input. Auto on/off. Finish: piano gloss black. Weight: 36 lbs. Magnetically shielded.
- **PowerMonitor 500:** Dimensions: 5 ³/₄"W x 12 ⁷/₁₆"D x 14 ³/₄"H. Response: 22Hz–30kHz. Efficiency: 91dB, Rec. Amp.: 20–200 watts. Nominal Imp.: 4–8 ohms. Drivers: one 8" long-throw sub w/ 150-watt RMS amp, one 4 ¹/₂" cast-basket upper bass/midrange driver, one 1" pure aluminum dome tweeter. Connections: gold-plated 5-way binding posts and optional LFE input. Auto on/off. Finish: piano gloss black. Weight: 28 lbs. Magnetically shielded.

Warranty: Drivers and Cabinet: 5 years parts & labor. Amplifiers: 3 years parts & labor. Specifications subject to change without notice. * Registered trademarks.



Definitive Technology: The World's Most Highly-Honored Loudspeakers...



Definitive's countless product awards from around the world clearly underscore our total commitment to sonic superiority.

Definitive Technology®
The Leader in High-Performance Loudspeakers®

11433 Cronridge Drive, Owings Mills, Maryland 21117, U.S.A.
(410) 363-7148

Visit us at: www.definitivetech.com