

Definitive's Powered Subwoofers Deliver Ultimate Bass Performance For Your Total Listening Pleasure!

"Powerful and precise ... I was immediately awed"
— *Home Theater Magazine*



Definitive Technology[®]
The Leader in High-Performance Loudspeakers[®]

Definitive's Grand Prix Award-

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efinitive Technology's total commitment to uncompromised sonic superiority has made us the leader in high-performance loudspeakers. We are pleased to present our amazing powered subwoofers, a 9-time Grand Prix award-winning range of active subwoofers with built-in high-power, high-current amplifiers and electronic crossovers which achieve a unique combination of delicate musicality and thunderous power, for the absolute ultimate in bass performance.

When you listen to any of Definitive Technology's award winning powered subwoofers you will discover true state-of-the-art bass performance, extending down well beyond the limits of audibility into the range of purely physical subsonic energy that shakes the body and stirs the soul. This has long been the most exciting, sought after and rarest of audio achievements, and now it is yours for the asking.

The Ultimate in Bass Performance for Maximum Enjoyment from Your Music and Movies

Definitive's PF1500TL+, PF15TL+, ProSub 200TL, ProSub 100TL and ProSub 80 are advanced state-of-the-art technology active subwoofers with built-in high-power, high-current amplifiers and sophisticated electronic crossovers in combination with 15", 12", 10" and 8" drivers of the highest quality. All incorporate Definitive's proprietary PowerField® Technology. In addition, precisely accurate equalization, combined with a complete array of controls and connections, allows them to be hooked up to any electronics, perfectly integrated with any speaker system, and tuned for optimum performance in any room. The sonic result is accurate, awe-inspiring, high-impact, high-reality bass performance with superior transient response, vanishingly low distortion, stupendous subsonic power and high output capabilities. It is truly a unique combination of delicate musicality and thunderous power for the ultimate in home theater sound effects as well as unsurpassed musical excellence.

The extraordinary achievements and performance of Definitive's PowerField subwoofers have been honored by numerous prestigious awards and industry accolades, including two-time selection for *Stereo Review's* Showstopper honors, the *CES Design and Engineering Award*, three *Sound & Vision Critic's Choice Awards* and nine *Audio Video Grand Prix Subwoofer-of-the-Year Awards*, as well as *Stereophile Guide to Home Theater's Recommended Component* honors.

The Audible Benefits of Definitive's Unique PowerField® Technology are Dramatic

The engineering of a powered subwoofer allows the designer a unique opportunity to create a fully integrated amplifier/transducer package which achieves true synergy, both in terms of theoretical as well as real world performance. Normally, an amplifier is designed in conjunction with a resistor as a load; most subwoofers incorporate just such a general purpose amplifier. Definitive's PowerField amplifiers were designed from the ground up by Definitive engineers with the specific driver to be utilized as the load.

This combination of the driver and power amplifier into a completely integrated electronic system (PowerField® Technology) results in a tightly coupled dynamic entity with optimum load matching and power transfer characteristics. The sonic advantages you enjoy are superior transient response and unmatched low frequency range extending well into the depths of the subsonic.

Definitive's Patented Infinite Power Source High-Current MOSFET Power Amplifiers

All Definitive's powered subwoofers incorporate our unique, patented digitally-coupled Infinite Power Source amplifiers with high-current direct coupled power supplies and discrete MOSFET output devices to ensure perfect high-definition resolution and reproduction of the most dynamic program material and demanding sub-bass transients. Construction quality is absolute-

ly state-of-the-art with only the highest quality components used including mil-spec glass epoxy circuit boards and precision resistors and capacitors for many years of faultless superior performance. In addition, tremendous current reserves, high peak-power capabilities and two special sonically invisible protection circuits ensure that these subwoofers can never be overdriven. There is also a convenient, signal-sensing, auto on/off feature.

"A subwoofer that couldn't be matched"

- *The Perfect Vision*

Definitive's High-Definition Subwoofer Drivers Deliver Superior Detail and Lightning-Fast Transient Response

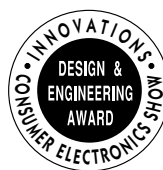
The powerful, high-definition drivers used in all our powered subwoofers were specifically engineered by Definitive for their task: to deliver rock-solid low distortion bass, reaching down to the lowest subsonic frequencies, with an outstanding quality of superior transient response unequaled in the world. The special ultra-stiff, low-mass cones (for super-fast transient response) are joined to specially formulated surrounds and long-throw voice coils and spiders. The incredibly rigid baskets are engineered to hold the massive magnet structures and large voice coils in absolute alignment. The high temperature voice coils are made of aluminum wound with triple insulated ultra-pure copper wire and baked in epoxy for power handling in excess of 750 watts.

Computer Synthesized Transmission Line Tuning (CSTLT) for Extended Response and Improved Pitch Definition

All Definitive's powered subwoofers incorporate a unique, highly effective computer synthesized transmission line tuning. 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'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, ideal transient behavior and superior pitch definition) in a much more elegant and cost-effective cabinet construction. The drivers' construction combined with this unique transmission line loading minimizes required excursion, thus, improving transient response as well as ensuring maximum coupling of their output to the air in your room for bass literally powerful enough to shake concrete floors, as reviewers have noted.

Rock Solid Monocoque Non-Resonant Cabinets Ensure Pure Low Distortion Response

The cabinet of a loudspeaker plays a large part in its sonic performance. Resonance and vibration can add unwanted distortion as well as drain away important energy from the system. Definitive's subwoofers utilize monocoque cabinets, which have been specifically engineered to be totally inert and vibration free, to ensure you of absolutely pure sonic reproduction. Monocoque means that the cabinet is of a unitized construction where all panels are permanently joined together into one solid structure. The cabinet



Winning Powered Subwoofers



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

walls themselves are high-density medite fused together by space-age polymer adhesives. The front and rear baffles are extra thick and the cabinets each incorporate multiple internal braces to ensure total solidity.

Completely Adjustable Electronic Crossovers Assure a Perfect Match to Your System and Room

The sophisticated low distortion electronic crossovers incorporated in all our powered subwoofers are a masterpiece of design and execution. They contain a complete range of hookups, circuitry and features which allow the subwoofers to be connected and perfectly blended with any system as well as adjusted for optimum performance in any room.

All our powered subwoofers have continuously adjustable low pass filter controls which allow you to choose a roll-off of from 40 to 150 Hz for the high end of the subwoofer. This unique "dual stage" roll-off is extremely quick which ensures perfect blending with your main speakers as well as no unwanted upper bass or midrange radiation from the subwoofer. This is especially important because it gives you much greater flexibility in placing your subwoofer in your room without being able to hear where it is specifically located. All our powered subwoofers also have a separate low-level direct LFE input for Dolby Digital which bypasses the crossover network. All models have a built-in speaker level high-pass crossover preset at 80 Hz and of course, a precision level control allows you to perfectly adjust the volume of the subwoofer to match your system and room as well as to fulfill your own personal sonic preferences.

In addition, the PF15TL+ and PF1500TL+ include a continuously variable phase control which further allows you to more precisely match your subwoofer with your main speakers by compensating for differences in their location in the room and distance from the listening area. Plus, a continu-

ously adjustable low-level high-pass crossover (40-150Hz) allows you to choose a roll off of the low-end of your main speaker if you hookup the sub to utilize this feature. Finally, and most importantly, the audio circuitry is of an advanced ultra-low distortion design to ensure sonic purity.

A Full Range of Inputs and Outputs Facilitates Easy Hookup of Your Definitive Subwoofer to Any System

All Definitive powered subwoofers have a complete range of inputs, outputs and features to allow easy and effective hookup to any system either singly or in a stereo pair. Both (high) speaker level and low-level inputs are provided in case you don't have a subwoofer output. In addition, all models have a separate direct-in LFE low-level input (which bypasses the crossover network) which may be used by itself or in combination with left and right channel high- or low-level inputs for the ultimate in subwoofer flexibility and performance. With a single subwoofer, the subwoofer signal, Dolby Digital* LFE signal and/or both left and right signals are sent to the subwoofer and combined via the electronic crossover into one composite signal. With stereo (two) subwoofers, the left and right signals are reproduced by their own respective subwoofer (and the LFE signal is reproduced by both). Very advanced systems may also use a separate subwoofer hooked up to the rear/side surround channels as well as one to the center channel.

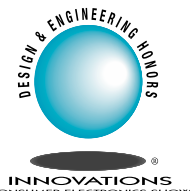
"Shook the Hilton's concrete floor"

— Stereo Review

Choose Your Perfect Definitive Powered Subwoofer

- **PF15TL+** 500 Watt Powered 15" Subwoofer — The new Definitive PF15TL+ is the latest high-powered 15" subwoofer from Definitive. It builds on the significant accomplishments of the Grand Prix Award Winning PF15TL, which *Home Theater's* Jeff Cherun called the industry's absolute "price/performance leader." Now, with significantly more power, it's even better. With its Infinite Power Source™ 500 watt amplifier, high-definition long-throw 15" driver and full array of features (low level left, right and direct in LFE inputs, full continuously adjustable high-pass and low-pass electronic crossover, speaker level inputs and outputs, speaker level high-pass crossover, continuously adjustable phase control, overdrive protection, and auto on/off) combined with 14Hz bass extension, superb transient detail and extreme dynamic range capability, the surprisingly compact PF15TL+ has no equal anywhere near its amazingly affordable price.
- **PF1500TL+** — A deluxe designer version of the PF15TL+ with hand-rubbed gloss black end-caps with wrap-around grill sock.
- **ProSub 200TL** — The ProSub 200TL is a truly superb high-performance powered subwoofer of awe-inspiring low-frequency capability, perfect for any high-quality home theater or music system. Its 12" high definition long-throw driver is tightly coupled, using Definitive's proprietary PowerField technology, to a high-current, high-headroom 250-watt Infinite Power Source MOSFET amplifier. The ProSub 200TL includes a continuously variable low-pass filter (40-150Hz) plus 5-way gold-plated speaker level inputs and outputs, low-level RCA inputs (including direct LFE sub-in), overdrive protection and auto on/off. In addition, built-in speaker level outputs incorporate a high-pass crossover for perfect blending.
- **ProSub 100TL** — The ProSub 100TL, with a 10" driver, incorporates all the features and technology of the ProSub 200TL.
- **ProSub 80** — The ProSub 80, with an 8" driver, incorporates all the features and technology of the ProSub 200TL.

* Registered trademarks



Definitive Technology Subwoofer Specifications

	PF® 1500TL+	PF® 15TL+	ProSub® 200TL	ProSub® 100TL	ProSub® 80
Dimensions	19 1/2"H x 17"W x 17 5/8"D	17 1/2"H x 17"W x 17 5/8"D	14"H x 13 3/4"W x 18 5/8"D	14 1/2"H x 11 1/4"W x 17"D	12 1/2"H x 9 1/2"W x 15 1/4"D
Frequency Response	14-150 Hz	14-150 Hz	18-150 Hz	19-150 kHz	21-150 kHz
Driver Complement	One high-definition 15" driver with polymer laminate cone	One high-definition 15" driver with polymer laminate cone	One high-definition 12" driver with polymer cone	One high-definition 10" driver with polymer cone	One high-definition 8" driver with polymer cone
Built-in Amplifier	500 watts RMS	500 watts RMS	250 watts RMS	250 watts RMS	250 watts RMS
Controls	• Volume • Low pass • Phase • High pass	• Volume • Low pass • Phase • High pass	• Volume • Low pass	• Volume • Low pass	• Volume • Low pass
Low Pass Crossover	24 dB/octave continuously adjustable variable (40-150 Hz), plus direct LFE input option	24 dB/octave continuously adjustable variable (40-150 Hz), plus direct LFE input option	24 dB/octave continuously adjustable variable (40-150 Hz), plus direct LFE input option	24 dB/octave continuously adjustable variable (40-150 Hz), plus direct LFE input option	24 dB/octave continuously adjustable variable (40-100 Hz), plus direct LFE input option
High Pass Crossover	6 dB/octave speaker level at 80 Hz 12 dB/octave continuously variable (40 to 150 Hz)	6 dB/octave speaker level at 80 Hz 12 dB/octave continuously variable (40 to 150 Hz)	6 dB/octave speaker level at 80 Hz	6 dB/octave speaker level at 80 Hz	6 dB/octave speaker level at 80 Hz
Finish	Hand-rubbed piano gloss black lacquer	Black ash laminate	Black ash or white laminate	Black ash or white laminate	Black ash or white laminate
Weight	79 lbs.	67 lbs.	34 lbs.	32 lbs.	24 lbs.

Warranty Driver and cabinet: 5 years parts and labor. Amplifiers: 3 years parts and labor.

Specifications are subject to change without notice.

“Absolutely, unequivocally, the way to go”

The absolute sonic superiority of Definitive's subwoofers is well documented by rave reviews like the one excerpted below from Home Theater Magazine on the PF15TL (and of course the substantially more powerful PF15TL+ sounds even better).

HOME Theater
HOT TICKET

Definitive Technology PowerField 15TL Subwoofer

“... If you want a sub that separates the wheat from the chaff, Definitive's latest is surely the way to go... As far as features go, this Definitive has almost every kind of connection you'd ever want or need... After working on the sub with a day or so of constant DTS music, I was shocked at the way the PowerField 15TL handled both music and music soundtracks. On the Dolby Digital 5.1 soundtracks of *Desperado*, *Goldeneye*, *Braveheart*, *Clear and Present Danger*, and others, the extension was deep and the sound was tight, just the way we like it. Explosions, gunshots, car (and tank) crashes and all other pyrotechnics I experienced in my time listening to this sub sounded incredibly realistic.

In a word, this sub is fantastic for watching movies. On music material, there was no boominess or bloating coming from the sub. Instead, it congealed with the rest of my test system seamlessly (a hard thing to do normally). I find music material difficult for subs to reproduce, but the PowerField 15TL did an admirable job, especially noticeable on Holly Cole's 'Take Me' with its deep acoustic bass line that's so deep it separates the wheat from the chaff when testing subs... there is no better value in a subwoofer. This one's a no brainer if you want a real sub that will give you real performance, the PowerField 15TL is absolutely, unequivocally the way to go.”

HOME Theater
HIGHLIGHTS

- Best performance/price subwoofer on the market
- Not too big, not too small for most home theater setups

HOT TICKET



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