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 From the editors of **PRO SOUND NEWS** and **PRO AUDIO REVIEW**

Legacy PointOne Powered Subwoofer

by John Gatski, 06.01.2003

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I have made no secret that I have been a Legacy Speaker fan since the early 1990s. In fact, my reference monitors are the Legacy Classic II ribbon monitor towers. Though more often associated with audiophile/consumer speakers, distributed through a network of about 50 dealers nationwide, Legacy also sells a significant number of monitors into the pro realm, including tracking studios and mastering facilities and post.

The Point One powered subwoofer is the company's signature subwoofer and, in pro terms, is designed for flat bass down to 18 Hz at levels that can fill up a large studio room. It is ideal for music or surround LFE effects channel in Dolby Digital, DTS, SACD or DVD-Audio.

The Inside Scoop

The beautifully made Point One sub, which is available in various wood finishes, including studio black oak, uses heavily braced cabinets that are designed not to color the bass at loud levels. It sports a 15-inch, spun aluminum, rear-mounted active woofer, and a 15-inch paper cone, bottom-fired passive radiator, which functions like an elaborate porting system, helping to augment the low frequency extension of the box. Dimensions are 24-inches tall, 17-inches wide and 17-inches deep. Weight is 95 pounds.

The sub is equipped with a 750-watt, Class D, switching power supply amp

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. Connections include optional balanced XLR LFE input, L-R RCA unbalanced inputs and an unbalanced RCA LFE input. In the LFE inputs, the crossover can be switched out to enable processor-controlled bass of a 5.1 system. The Point One also has speaker level inputs.

The front panel controls include level, frequency slope of the crossover (45 Hz - 150 Hz, 18 dB per octave), phase (0 degrees to 180 degrees) and a blend function for adding or reducing gain from 35 - 50 Hz (basically a built-in version of a graphic EQ).

All Legacy speakers feature a 10-year warranty. The retail price of the Point One is \$2,400.

Out in the Field

With its ability to go real low, the Legacy Impact can move some bass air! From the LFE sound effects of multichannel surround to hip hop, the Legacy is near impossible to run out of gas. It can easily reach in excess of 100 dB at 20 Hz and it does so cleanly without a hint of amp strain. The sub can actually deliver audible (or felt) bass to 10 Hz, depending on the room.

Mastering engineer Herb Powers, who has used the Legacy subs extensively at the Hit Factory in New York, said a pair of the Legacy Point Ones put out "massive" amounts of clean, 35 Hz and under bass. He recently mastered several Hip Hop recordings using the Point Ones. Powers noted that using a separate sub that can go well below 20 Hz is also useful as an analytical tool for finding sonic anomalies, such as very low frequency pops, which are not as audibly apparent in closefield monitors. Legacy also recently installed a pair of the Point Ones in the executive office of Arista Records chief, Antonio "LA" Reid.

Contact Legacy Audio at 800-283-4644, www.legacy-audio.com.

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