Royer Labs dBooster2

Two-Channel Signal Booster & DI



Royer Labs, a manufacturer of high-quality ribbon microphones, is announces its second generation in-line signal booster, the dBooster2. In addition to being an exceptional phantom powered signal booster and impedance buffer for both ribbon and dynamic microphones, the second generation dBooster2 offers independent 2-channel functionality and doubles as a DI to accommodate signal levels for electric guitar, bass, and other unbalanced guitar level sources. With both channels having the ability to serve as an in-line signal booster, a DI, or one channel of each - the dBooster2 makes an outstanding choice for miking low volume sound sources, recording direct to a DAW interface, interfacing with long cable runs to maintain audio quality, or as a DI.

When used as a signal booster, both channels of the dBooster2 increase the level of passive low-output ribbon and dynamic microphones with minimum distortion or coloration. Created for professional applications, the dBooster2’s input stages are designed like the front end of a high-end microphone preamplifier, and you can hear it. Each dBooster2 channel offers two levels of clean gain boost: 12dB or 20dB in Mic Mode, selectable by a front panel switch. The dBooster2’s Class A input presents a high source impedance to microphones, minimizing loading (damping) and improving headroom. By utilizing the 12/20dB gain switch, optimum balance

Phoca PDF

between gain and headroom can be achieved.

When used as a DI for unbalanced guitar level sources, the dBooster2 provides either 0dB or 8dB of gain, selectable from the front panel switch. The single ended high-impedance (230K-Ohm) DI input maintains headroom and gain regardless of load, with minimal distortion or coloration. Regardless of whether the dBooster2 is functioning as a signal booster or DI, the unit's balanced, low-impedance outputs provide the ability to drive digital interfaces or standard mic preamps. Equally notable, the dBooster2 minimizes signal loss over long cable runs. The combination of its ultra-low noise performance, ultra-low distortion, and wide frequency bandwidth make the dBooster2 an exceptional choice for a wide range of studio related tasks.

Royer's new dBooster2 is safe for use with all ribbon microphones, protecting the ribbons from phantom power hits, providing increased headroom at the preamp, and giving true electrical isolation - all while minimizing mic loading. Each channel operates independently and is electrically isolated from the other. Further, this rugged, compact device can drive difficult loads such as mic splitters and vintage-style preamps without loss of gain or increased distortion.

John Jennings, Royer's VP of Sales and Marketing, commented on the company's new dBooster2, "The dBooster2's circuitry is pure Royer, taking the in-line lifter concept to a whole new level of performance that you can really hear, and its two DI's are excellent for the loads of musicians/recorders who use DI's regularly. I'm a big fan of the creative choices the dBooster2 opens up. It's a simple looking device that's very easy to use, but the design is first class all the way through and we're proud to offer it to the recording community."

The Royer Labs dBooster2 In-Line Signal Booster comes at an introductory street price of $299.00. The unit will ship January 2022.

www.royerlabs.com

Phoca PDF