



AHB-1

## blackouts™ active humbuckers

Before we started designing our new 9-volt Blackouts active humbuckers, we did a little market research. We found that while lots of guitarists love active pickups, many wanted a tone that was less compressed, with an extended frequency response. In our efforts to solve those issues, we discovered that some of the most popular active pickups have what we consider a design flaw in their circuit architecture. They use unbalanced inputs in a differential preamp. While this achieves a unique tonality, an unbalanced differential preamp is not very effective at cancelling hum. Our engineers figured out how to capture the tone that players want in an active design, but using balanced inputs. The result is up to 14dB less hum.

Not only do Blackouts have less hum than the competition, but they also have more lows, more highs, and more output. Simply put, Blackouts have more tone than other active pickups. Players will notice the benefits of the reduced hum when they record, especially if they're around computer monitors or fluorescent lighting. As for the benefits of having more tone, well those will be apparent everywhere.

Blackouts are available in individual neck and bridge models, or as a two-pickup set. All versions come with all necessary mounting hardware, including quick connectors, pots, jack, and a battery clip.

**USA MSRP:** \$129 each for neck or bridge, \$248 for matched set

### AHB-1 SPECIFICATIONS\*:

**Neck model**

**Resonant Frequency** 750 Hz  
**Average output voltage** 0.65 Volts RMS  
**Max. output voltage** 2.60 Volts RMS  
**Noise** -97dBV  
**Output Impedance** 1K Ohm  
**Current consumption** 350 micro-amperes  
**Battery life** 1420 hours  
**Preamp topology** Discrete hybrid FET input  
**Preamp gain** 16 dB  
**Preamp Thd @ 1Vo** .003%

**Bridge model**

**Resonant Frequency** 530 Hz  
**Average output voltage** 2.00 Volts RMS  
**Max. output voltage** 2.60 Volts RMS  
**Noise** -96dBV  
**Output Impedance** 1K Ohm  
**Current consumption** 350 micro-amperes  
**Battery life** 1420 hours  
**Preamp topology** Discrete hybrid, FET input  
**Preamp gain** 18 dB  
**Preamp Thd @ 1Vo** .003%

\* see [www.seymourduncan.com](http://www.seymourduncan.com) for complete testing methodology

