

Aviom breaks new ground and raises the personal mixing bar significantly with the introduction of the innovative BOOM-1 Tactile Transducer Processor.

The BOOM-1 is designed to dramatically enhance a performer’s personal mixing experience by adding optimally-processed low-frequency tactile information to an in-ear or headphone monitor mix.

Adding a well processed low-frequency tactile transducer (also known as a ‘bass shaker’) to a drum throne, keyboard seat, performance platform, or even to the floor of a stage, allows the body to feel bass frequencies; this adds realism to the mix. Being able to hear *and* feel your mix can significantly improve the user experience when using in-ear monitors and headphones. Tactile transducers are especially beneficial to those using electronic drum kits, as well as guitar and bass amp simulators.

The combination of personal mixers, IEMs/headphones, and tactile transducers allows performers to achieve powerful, exciting monitor mixes at lower in-ear levels. This reduces sound-level-induced fatigue allowing longer, more enjoyable performances, while also promoting long-term hearing health.

The BOOM System brings Aviom-optimized DSP to the tactile experience. Designed by the personal monitor experts, it’s easy to use and provides a natural low-frequency extension to your monitoring experience. Compatible with Aviom’s industry standard A360, A320, and legacy Personal Mixers, the BOOM-1 can also be connected easily to the line- or headphone-level audio outputs of almost any audio device.

PRODUCT HIGHLIGHTS

Front Panel

- 1/4" TRS Stereo Headphone In and Thru
- Strength control with Signal and Clip LED indicators
- Amp Clip/Protect LED
- Three selectable Feel presets control multiple DSP settings for user-preferred Tight to Loose feel
- Transducer Mute with LED (easily compare your mix with and without the tactile transducer engaged)
- Seamless integration with any personal mixing system

Rear Panel

- Transducer Out
- Custom tailor the response of the BOOM-1 to a variety of tactile transducers with the DSP Profile settings
- XLR mono input for direct connection to Aviom’s A360 Personal Mixer
- XLR mono out, with level control, provides the DSP processed signal for connection to an external power amplifier for driving large tactile transducer arrays

BOOM SYSTEM TRANSDUCER-ENABLED PRODUCTS

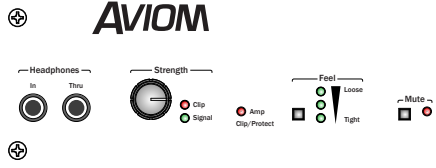
As part of the Boom System, Aviom also offers the following products that make adding a tactile transducer to your personal mixing system as straightforward as possible.

- The **CTT-1 Clamp-On Tactile Transducer** for drum thrones and stools is a universal mount and transducer (powered by ButtKicker®) in one. It includes a pre-attached locking speaker cable.
- For seated singers, guitarists, etc., the **PFS-1 Performance Stool** combines an adjustable stage-ready QuikLok® stool with a pre-installed tactile transducer; a locking speaker cable is included.
- The **KBS-1** is an adjustable, folding On-Stage Stands® keyboard seat with a tactile transducer pre-installed that is perfect for keyboard players. It ships with a 5-meter locking speaker cable.
- The **PLF-1 Performance Platform** is a sturdy plywood base with a ButtKicker® tactile transducer that is designed for performers—especially guitar and bass players—who stand on stage; includes a 5-meter locking speaker cable.

Have even more fun mixing personal monitors... **BOOM SHAKALAKA**

BOOM-1

Tactile Transducer Processor

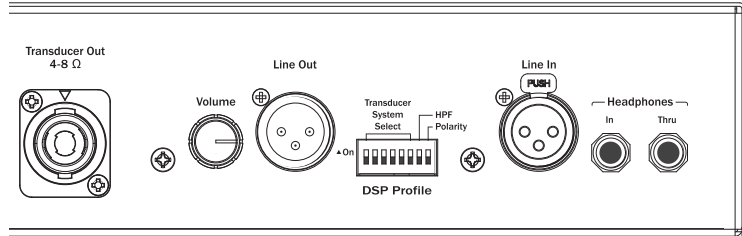


FRONT PANEL FEATURES

- Headphone In and Thru
- Variable Strength
- Input Signal and Clip LEDs
- Amp Clip/Protect LED
- Three Feel variations
- Mute switch with LED

REAR PANEL FEATURES

- Headphone In and Thru
- XLR Line In
- DSP Profile DIP switches
- XLR Line Out with Volume control
- Transducer output with locking connector



BOOM-1 SPECIFICATIONS

Headphone In (front & rear)	1/4" TRS stereo Tip: Audio Left; Ring: Audio Right; Sleeve: Ground
Headphone Thru (front & rear)	1/4" TRS stereo; Tip: Audio Left; Ring: Audio Right; Sleeve: Ground
Line In	XLR female, with Volume control; Pin 2: Hot, Pin 3: Cold; Pin 1: Ground
Maximum Input Level	15.98 dBV
Input Impedance	9.5k Ohms
Line Out	XLR male; Pin 2: Hot, Pin 3: Cold; Pin 1: Ground

Maximum Output Level	12.55 dBV
Output Impedance	33.2 Ohms
Amplifier Output	4 Ohms - 210W 8 Ohms - 117W
Transducer Output	2-conductor locking speaker connector;
Fuse	Size: 250VAC~ T3AL
Power Supply	Internal, universal switching type, IEC connector; 100-240 volts AC, 50/60Hz
Dimensions	19" (482.6 mm) wide x 8.62" (219.07 mm) deep; 2U, 3.5" (88.9 mm) high
Weight	6.0 lbs (2.72 kg)

CONNECTION EXAMPLE

