



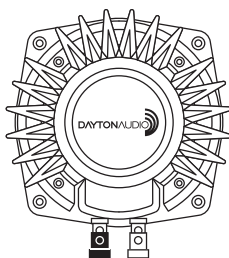
# HIGH POWER BASS SHAKER

Model: BST-1 User Manual



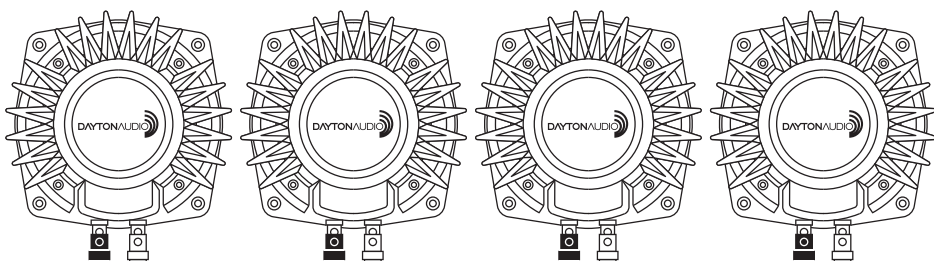
Thank you for purchasing the BST-1 Bass Shaker. The human ear has the ability to hear a wide range of sounds, however, some sound is simply too low to hear and must be felt through the body. Feeling this extremely low frequency sound adds a new dimension to your listening, gaming, and movie experiences. With a BST-1 Bass Shaker you'll feel the thundering weight of a dinosaur's foot slamming against the ground as it approaches. Your favorite action movies will come to life as you feel the cannon blasts and explosions impacting your body! Into gaming? The BST-1 is the perfect addition to your gaming chair or couch! Feel the power and impact of a football tackle – putting you on the field and in the game! Read the following instructions, paying close attention to wiring diagrams and cautions.

## CONNECTING A SINGLE BASS SHAKER



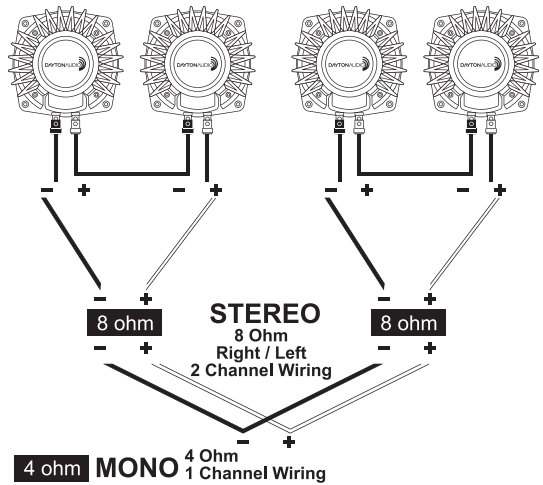
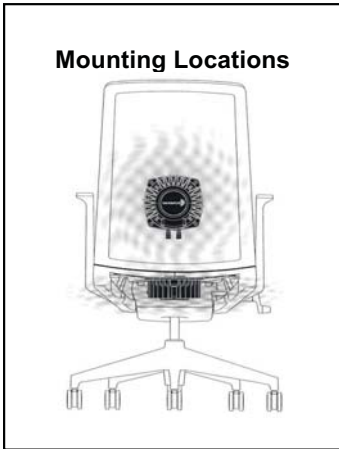
The impedance of the BST-1 Bass Shaker is **4 ohms**. When used in a single unit configuration it must be hooked up to an amplifier that is either stereo or bridged mono, the same way you would connect a subwoofer. **Please consult the amplifier manual for details regarding the impedance rating of your amplifier.**

## CONNECTING MULTIPLE BASS SHAKERS



Two or Four Bass Shakers can be used in situations where more bass energy is desired or in larger applications. Connecting two in Series configuration will raise the impedance to 8 ohms, connecting two in Parallel will lower the impedance to 2 ohms, and wiring four Bass Shakers in Series-Parallel will keep the overall impedance to 4 ohms. Again, always consult your amplifier's owners manual to verify it has the power capability that achieves the wattage and various impedances. **WARNING: Do NOT exceed 50 watts RMS per Bass Shaker multiplied by the number of Shakers (example:  $50 \times 4 = 200$  Watts RMS)**

## INSTALLATION NOTES



**HOME** – Mounting the Bass Shaker to chairs or couches that are not fixed to the floor will provide the greatest effects. The energy of the Bass Shaker will impact the user’s body rather than travel through the furniture and disperse the energy into the floor. Isolating the furniture from the floor is highly recommended by using pads or rubber feet. Find a solid mounting area for your Bass Shaker(s) underneath and/or on the rear of the furniture’s construction. Use four wood screws or stingers to mount the Bass Shaker to the structure. Should no solid mount exist it is recommended that one be constructed using hardwood or plywood. Try to avoid fabric or padding coming into contact with the Bass Shaker. It is important the Bass Shaker come in full contact with a solid flat surface. **Recommended wire gauge is 14-16 Gauge Speaker Wire.**

**AUTO** – Mounting the Bass Shaker under the seats is highly recommended rather than on the seat itself. Move (or remove) your seat forward as far as possible, and identify the spot under the seat that vibrates the most by knocking on the flooring using a rubber mallet or soft hammer. Again, ensuring the Bass Shaker comes into full contact with the floor surface is critical to the performance of the Bass Shaker. Wiring in advance of the installation is recommended. Ensure your wire is without kinks or bends and that no bare wire is touching metal. Use four steel screws or stingers to mount the Bass Shaker to the floor of your vehicle. **Recommended wire gauge is 14-16 Gauge Speaker Wire.**

**WARNING:** Always check under carpeted locations and recheck the mounting area so as to not cut or drill into any existing electrical wiring, airbag sensors, hydraulics, brakes, gas, or fuel lines.

### ADDITIONAL NOTES AND SUGGESTIONS:

- Add a Low Pass 4 Ohm Crossover at a suggested 80Hz to reduce the possibility of high frequency sounds
- Recommended Amplifiers: Dayton Audio SA70 for single Bass Shakers, Dayton Audio SPA250 for 2 – 4 Bass Shaker installations. For larger installations we recommend the Dayton Audio SPA1000 or SA1000.

## SPECIFICATIONS:

**Housing:** High Grade Aluminum

**Impedance:** 4 ohms

**Power Handling:** 50WPC @ 4 ohms

**Weight:** 3.75 lbs

### Warranty Information

Dayton Audio products are warranted free from defects in material and workmanship for **5 years** from date of purchase (see exceptions below). In the rare case of a product failure, please contact your place of purchase or call our Customer Support Department at (937) 743-8248.

### Warranty Limitations

There are no other warranties, either express or implied, that extend the foregoing, and there are no warranties of merchantability or fitness for any particular purpose. Dayton Audio is not responsible for any consequential or inconsequential damage to any other unit or component or the cost for installation or extraction of any component of the audio system, or for the improper use of products. This includes but is not limited to burnt voice coils, overheating, bent frames, holes in the cone, or broken lead wires. Warranty does not apply to misuse, abuse, neglect, accident, improper use, etc. Dayton Audio reserves the right to repair or replace the products with either a new or factory refurbished unit.

**Exception:** Dayton Audio HDMI Cables -- No registration, no questions asked LIFETIME warranty. Replacement of Dayton Audio HDMI cables is with equal or better quality HDMI cables. Unassembled Kits - A 45-day return policy applies to unassembled kits. Once assembly has been started or completed, kits are deemed used and are nonreturnable for refund/exchange. This does not limit the manufacturers' warranty policies on any kit component.

This warranty gives you specific legal rights and you may also have other rights that vary from state to state.

**Non-Warranty Service:** If non-warranty service is required, the product may be sent to the Company for repair/replacement, transportation prepaid, by calling (937) 743-8248 for details, complete instructions, and service fee charges.



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