

# Roominators™ DESIGNER SERIES DST

## Roominators D240xi-DST™ Kit

*Congratulations! You now have a higher quality listening environment.*



### INCLUDES:

- ★ (48) DST-112s (Charcoal Gray only)
- ★ (12) - 2' x 4' panels of DST-422s (96 sq. ft. in Charcoal Gray)
- ★ (96) DST-114s in 1 of 4 colors (Charcoal Gray, Purple, Burgundy, or Forest Green)
- ★ (16) DST-LENRD Bass Traps (32 lineal feet in Charcoal Gray)
- ★ (12) T'Fusor 3D Sound Diffusers ★ (16) Tubes of TubeTak Pro Adhesive
- ★ (1) GRAMMA Amp Riser ★ (10) MoPAD Monitor Isolation Pads

## D240xi Roominator-DST General Guidelines

Proper placement of the Studiofoam-DST™ panels and DST-LENRD™ Bass Traps will insure greater clarity in your listening environment.

# Roominators D240xi-DST™ Kit



The Auralex D240xi Roominator-DST™ Kit is designed to reduce uncontrolled ambience in control rooms, live rooms and home theaters while providing a professional, upscale appearance. Proper placement of the Studiofoam-DST™ panels, DST-LENRD™ Bass Traps and T'Fusor™ 3D Sound Diffusors will insure greater clarity in your listening environment. Please refer to the placement suggestions included. You'll end up with the best room you've never "heard."

## D240xi Roominator-DST General Guidelines

For superior acoustics, Auralex suggests mounting DST-LENRD™ Bass Traps in the corners of your room (for low frequency control), Studiofoam-DST™ panels for absorption and T'Fusor 3D Sound Diffusors for diffusion on the walls and ceiling.

*Please use the following general guidelines when installing your D240xi Roominator-DST Kit:*

**A.** Using Tubetak Pro™, mount DST-LENRD Bass Traps in each 90° vertical corner. We suggest you install the DST-LENRDs starting at the ceiling and working your way down. However, we understand that not all corners are the same. If you have doors, windows or other obstacles blocking your corners, it is acceptable to place them in the horizontal wall/ceiling corners as well. You may desire to space out the DST-LENRDs so that you reap the benefits from having the edges exposed.



**B.** Using Tubetak Pro™, mount Studiofoam-DST panels on the walls. The pattern in your room does not have to be identical to those shown in the pictures, but treatment spread evenly across these surfaces is strongly encouraged. Creating a border around the top of the room with DST-422 panels can create a consistent, upscale look, while the DST-112 and DST-114 panels can be used for additional wall and ceiling treatment. This is the "Designer Series Treatment" so be creative and have some fun with the design aspect of the treatment.



**C.** T’Fusors combat hot spots and nulls by alleviating flat, reflective room surfaces with scientifically designed surfaces of varying shapes, sizes and angles. Standing waves and flutter echoes are minimized without significantly reducing acoustic energy in the space. Placement of T’Fusor 3D Sound Diffusers is largely subjective. The most popular choices are either on the rear wall and rear portion of the ceiling behind the listening position or centered between the listening position and the speakers on the ceiling as pictured. The best way to install the T’Fusors is with mechanical fasteners such as screws or nails. Be sure to rotate each T’Fusor 90° from the adjacent one for best results. Also, stuff the back cavity of each T’Fusor with insulation, extra Studiofoam, or blankets to reduce resonance and increase T’Fusor performance.

**D.** GRAMMA is an amplifier/subwoofer flotation device that helps reduce sound transmission (especially low frequencies) by decoupling the speaker enclosure from the existing structure utilizing high-density foam. Players, engineers, and listeners alike should enjoy increased tonal definition and clarity in effects/processing. GRAMMA can be used to isolate instrument amplifiers, stage monitors, and subwoofers from tracking room floors, live stages, even the floor of a home theater.

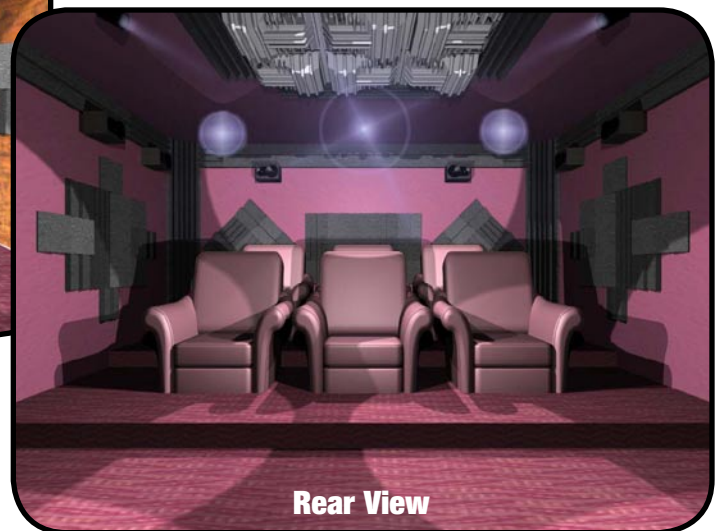
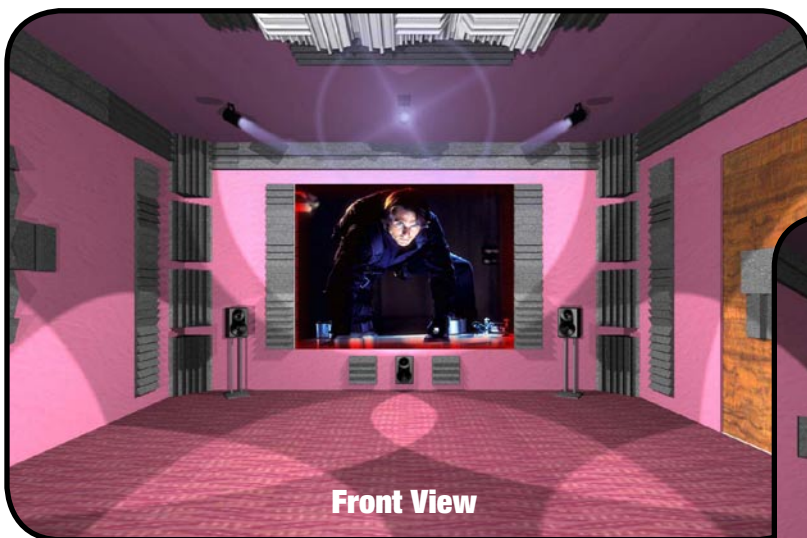


**E.** MoPADS are high-density foam products that are designed to decouple your speakers from any surface they set on in your room, whether that be a desk, shelf or speaker stands. This will “tighten” the tone of your monitors - especially at the low end - and help to reduce the amount of vibration transferred to other gear that would normally be coupled with the monitors, thus degrading your sound.



## Other General Suggestions

1. When treating the front and side walls, try using a mirror to ascertain where reflections are coming from. Simply have a friend move a mirror around the walls and ceiling while you are sitting at the listening position. Anywhere you can see your speakers in the reflection is a likely surface to treat with an Auralex DST panel!
2. Do not worry about placing treatments below approximately 18" on the walls—use them at ear level and on the ceiling for best results. The number of panels and placement on each surface can vary given your specific situation. Spread the Studiofoam out to maximize acoustical benefits. If you wish, you can cut the Studiofoam into smaller pieces/shapes using an electric carving knife and a steady hand. E.g. cutting 2'x4's into 2'x2's is quite popular. Try to avoid using the same pattern on parallel walls unless you shift the pattern over. Try to avoid large amounts of untreated space opposite untreated space.
3. Remember that these are only guidelines. If you have furniture or gear in the way, simply work around it as best you can. Auralex acoustic control products are very forgiving. Placement on the walls is not an exact science. Just having DST-LENRDs, DST-Studiofoam and T'Fusor 3D Sound Diffusors in the room will improve your mixing, recording or listening environment.
4. Other less permanent methods, such as our Vel-X Mounting Kit, nails, pins, screws, etc. can be used to mount the DST-LENRDs or DST-Studiofoam panels for easy removal later. Also, adhering the treatment to pegboard or light plywood and mounting these panels with mechanical fasteners can be an easy, temporary way to mount the products to the wall and ceiling surfaces.
5. Align the panels however you choose—tests have shown that there is no discernable, acoustical difference between the different alignments of the panels (i.e., horizontal, vertical, or diagonal wedges will all be equally effective).



**Thank you for purchasing the Auralex D240xi Roominators-DST™ Kit!**

Check out the Auralex Catalog or go to [www.auralex.com](http://www.auralex.com) for details on all the great Auralex sound control products!

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