

# AxiModal™

## Pressure Zone™ Low Frequency Absorber System

### AxiModal™ High-Efficiency Low Frequency Absorber System

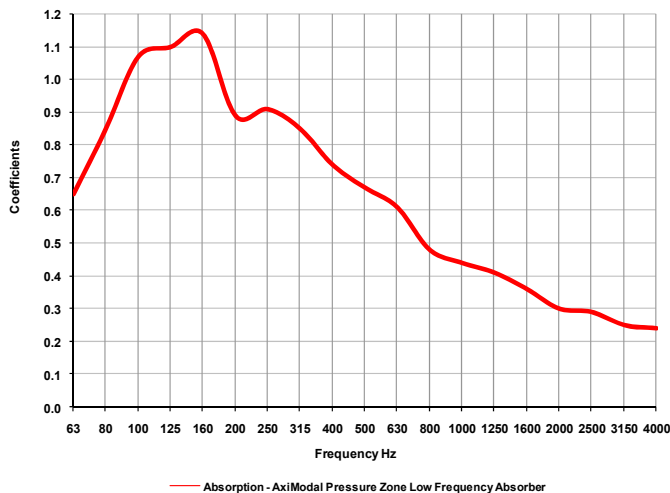
- Simple Installation; Mounts to Most Wall or Ceiling Surfaces
- Slim profile - Modular Design
- Durable Powder Coated White Finish, Custom Colors Available
- Thickness: Model 50 and 100 - 4", Model 35 - 4-1/4"
- Sizes (Nominal): 59" x 39-1/2" or 60" x 40"
- Special Sizes: N/A
- Fire Performance Rating: Class A
- Installation Fastener: "L" Wall Brackets-Furnished
- Weight: 73 lbs - Models 50 & 100,  
90 lbs - Model 35

### Acoustical Performance

#### Absorption Coefficients - Model 50, Type A Mounting

Frequency (Hz)	500	63	80	1K	1.25K	1.6K	2K	2.5K	3.150	4000
AxiModal™	.65	.85	1.07	1.10	1.14	.89	.91	.85	.74	.67

Frequency (Hz)	5000	6300	8000	10000	1250	1600	2000	2500	3150	4000
AxiModal™	.61	.48	.44	.41	.36	.30	.29	.25	.24	.19



Hear  
The  
Difference

### Description

AVL Systems AxiModal™ Pressure Zone™ Low Frequency Absorber Systems are innovatively designed and manufactured to uniformly attenuate low frequency acoustical energy utilizing 3 different methods. Featuring advanced materials and manufacturing technologies, AVL Systems Pressure Zone™ Systems are pressure activated, converting acoustical energy into mechanical and air motion utilizing internally damped select-mass membranes. Refined by our engineers, AVL Systems Pressure Zone™ Bass Systems provide highly efficient attenuation of low frequency energy. Three AxiModal™ products are currently available to treat room modes and poor low frequency response. Model 100 centers absorption at 100 Hz, Model 50 attenuates to 50 Hz, and Model 35 effectively attenuates to 35 Hz. The AxiModal™ Systems are slim, flat products constructed using a damped select-metal diaphragmatic face that attenuates when excited by the presence of low frequency energy. When grouped in a room, Pressure Zone™ Systems can be sequentially tuned to treat unwanted spurious resonances. Custom factory tunings are also available to treat various room mode frequency problems.

### Applications

AcousTech™ Pressure Zone™ Bass Systems are an ideal decorative acoustical treatment for placement on walls, ceilings or wall-ceiling corners. Their slim modular design fits unobtrusively in any room while achieving big bass absorption performance from their efficient design and construction. Wall and corner areas are usually available and present the best placement opportunities. Suitable applications include music and choral rooms, vocal booths, broadcast studios, recording studios, film and dubbing facilities, control rooms, listening rooms and home theaters.

### Interactive System Performance

The AcousTech™ family of interactive performance products is designed to provide the acoustical engineer and specifier with a complete "toolbox" of technically compatible products for any application. These engineered products can be used individually or, as an interactive system, working together to optimally enhance the interior design, functionality, and acoustics of the architectural space. AVL Systems, Inc is pleased to offer a full range of standard and custom architectural acoustic products for virtually every application and technical requirement.

### Finish

Highly durable powder coated white finish; custom colors available

### Warranty

AVL Systems *Limited Warranty* extends for ONE FULL YEAR from the original date of shipment. AVL Systems literature, presentations and published data are correct to the best of our knowledge at time of publication. AVL Systems, Inc. reserves the right to change or amend any of the products or the information presented or published without liability or notice.



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