

BASS TRAPS - INFRASONIC SERIES | ACCENT SERIES



TECHLITE® Infrasonic Series Bass Traps

TECHLITE® Bass Traps provide maximum sound absorption for a large range of applications, particularly where low frequency noise control is imperative to the room's functionality. Designed to be corner mounted at or around ear-height, or stacked floor to ceiling, our bass traps provide substantial sound-absorptive surface area for broadband absorption with effective coverage down into the low frequencies - lab-tested and achieving Sabins as low as 50Hz.

On a cellular level, the intrinsic properties of the melamine foam used to manufacture TECHLITE® Bass Traps promotes maximum design versatility and maintains a plethora of advantages such as being lightweight, easy to install both horizontally or vertically, and providing unparalleled sound absorption and amplitude reduction in the low to mid frequencies of interest. TECHLITE® Bass Traps are customizable to suit any project's requirements and offer design versatility while enhancing the overall design and of course, the room's overall acoustical signature.

Available in a variety of dimensions, colors, designs and installation methods to suit both your aural and visual interest, TECHLITE® Acoustics' engineered Infrasonic Bass Traps take care of the lower frequencies and leave you with a much cleaner sounding studio.

BENEFITS

- Absorbs as low as 50Hz frequencies
- Absorption for walls & corners
- Low density/lightweight
- Class A fire-rated (ASTM E 84)
- Install horizontally or vertically
- Reduce room modes & improve clarity
- Reduces sound pressure buildup
- Customize to suit project aesthetics

USES AND APPLICATIONS

- Recording Studios / Home Studio
- Control Rooms
- Post Production Studios
- Live Performance Venues
- Band and Choral Rooms
- Music Classrooms
- Entertainment Facilities

SIZES/COLORS

- 12" x 12" x 24" or 48" tall
- 18" x 18" x 24" or 48" tall
- Natural White or Light Grey
- Other sizes and color options available

BASS TRAPS - INFRASONIC SERIES | ACCENT SERIES

PHYSICAL PROPERTIES

Material	Flexible Open-Cell Melamine Foam
Service Temp	-40°F to 350°F
Density	Light Grey 0.56 ± 0.09 lb/ft ³ Natural White 0.47 ± 0.13 lb/ft ³
Fire Rating	Class A per ASTM E 84
Finish	Natural White or Light Grey

Apparent Sound Absorption Coefficient (a) [Sabins / ft²]

Finish	Thickness [in]	Apparent Sound Absorption Coefficient (a) [Sabins / ft ²]									Mounting / Installation
		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	Apparent SAA	Apparent NRC	
Planar A-12	8.375	0.27	0.86	1.91	1.81	1.45	1.24	1.08	1.61	1.60	Type J
Pulse A-12	8.375	0.18	0.61	1.35	1.26	0.98	0.84	0.74	1.11	1.10	Mounting

Total Absorption [Sabins / Baffle]

Finish	Thickness [in]	Total Absorption [Sabins / Baffle]							Mounting / Installation
		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	
Planar A-12	8.375	1.77	5.72	12.65	12.01	9.63	8.22	7.13	Type J Mounting
Pulse A-12	8.375	1.78	6.10	13.48	12.58	9.77	8.40	7.43	

Absorption results tested in accordance to ASTM C423-17