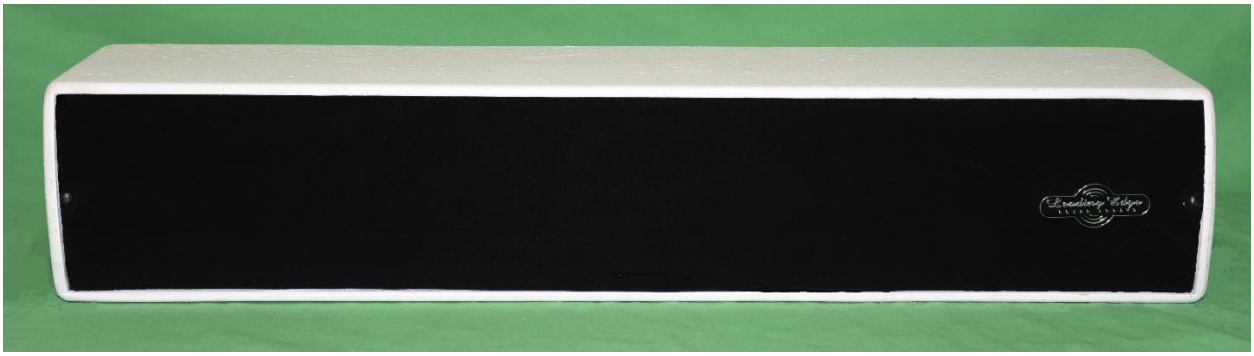
Leading Edge SOUND ARRAYS ™

Handcrafted in the USA by grundorf

MINIBar



DESCRIPTION: The Leading Edge MINIBar is both a vertical and horizontal line array (also known as a soundbar), that encompasses frequencies from 90 Hz to 16kHz and is designed to be easily wall mounted. It has been carefully designed to work within the typical architecture of an indoor classroom, which is usually in the 600 to 1200 sq. ft. range. The MINIBar utilizes an angled front panel that is designed to cover the broad width of a classroom. The transducers have maximum size magnets and can produce very low distortion and unlike other soundbars, do not require a subwoofer. The low frequencies are filtered at a perfect point. Not too much. Not too little. High frequencies are widely dispersed and with low distortion. Vocals sound extremely lifelike and attentive.

The “magic” in the system is the asymmetrical crossover/ equalizer. It works as a very unique crossover section, a high frequency device protection circuit, and an equalizer section that attacks some of the most common feedback areas with microphone systems.

The MINIBar comes supplied with t-nuts for mounting our optional steel MB-37 brackets to the VESA points on the rear of a large mobile display panel. For wall-mounted applications, it also features 4 back panel mounted t-nuts set at 75mm x75mm VESA points The MB-37 bracket provides a 10-degree downward tilt to avoid putting sound over the heads of the students in a classroom.

SPECIFICATIONS: MINIBar

Type: Horizontal line array (soundbar) loudspeaker

Power handling: 70 watts continuous

Frequency response: from 90 Hz to 16kHz

Pressure sensitivity: 86 db 1 watt 1 meter

Maximum acoustic output: 104 dB 70 watts at 1 meter

Impedance: 4 ohms

Speaker format: mono

Horizontal dispersion: 120 degrees (placed in a horizontal position)

Vertical dispersion: 100 degrees (placed in a horizontal position)

Dimensions: 26 1/2" x 5" x 5 1/2"

Cabinet material: multi ply birch ply

Finish: White textured paint

Terminals: ¼" phone jack (binding posts available on request)

Built in T-nuts: rear mount VESA 75mm x75mm

Weight: 11 lbs

ARCHITECTS AND ENGINEER SPECIFICATIONS

The MINIBar loudspeaker shall be a 2-way type, having a continuous power rating of 70 watts. It shall be capable of producing 90-16kHz and have a pressure sensitivity 86 dB at 1 meter with 1 watt. An asymmetrical crossover shall be employed with the added feature of slight midrange filtering for feedback reduction.

The loudspeaker shall be designed to operate from a 4 ohm impedance. It shall be a mono configured system. It shall include an angled front panel that increases the horizontal dispersion of the system. It shall include (2) 4-inch low-frequency devices that utilize 22 oz ferrite magnets. It shall also include (2) 3.5-inch-high frequency devices. The frequency distribution pattern of the loudspeaker shall be 120 degrees horizontally and 100 degrees vertically when placed in a horizontal position.

The loudspeaker cabinet shall be constructed of birch multi ply. The cabinet dimensions shall be 26 1/2" x 5" x 5-1/2". A curved steel metal grille shall be provided with acoustical fabric covering. The MINIBar system shall be capable of mounting to a large (75" diagonal +) mobile interactive display panel. The cabinet shall include (4) rear mounted T-nuts set to VESA standards of 75mm x 75mm for wall mounting. The bottom of the cabinet shall include (2) t-nuts for attaching an optional (MB-37) steel mounting bracket system that allows for a 10 degree downward tilt of the MINIBar speaker system. The cabinet should come supplied with a ¼" phone jack for connection to an external power amp. The entire MINIBar system shall weigh no more than 11 lbs.

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