



TECHNICAL SPECIFICATIONS BH882iP

DESCRIPTION

A dedicated folded horn LF system for installation. Includes 2x horn-loaded 18-in woofers.

APPLICATIONS

The BH882iP employs maximum efficiency horn loading to achieve very high LF output. Optional horn mouth extension increase output and frequency range even further. This favorite of high-end dance clubs is also an effective tool in large format permanent applications demanding high impact bass response. Six year warranty.

Applications include:

- Stadiums
- Arenas
- Dance Clubs

DESCRIPTIVE DATA

Part Number	999497
Product Group	M
Sub Bass	
Subsystem & Loading	2x 18-in Horn-Loaded Cones
System Configuration	Dedicated Sub Bass Horn
Recommended High-Pass Frequency (24 dB/Octave)	30Hz
Cabinet Type (shape)	Rectangular
Enclosure Materials	Baltic Birch Plywood
Finish	Black Catalyzed Polyurethane
Connectors	4-Terminal Barrier Strip
Grill	None
Options	999551 Horn Mouth Extension

NOMINAL DATA

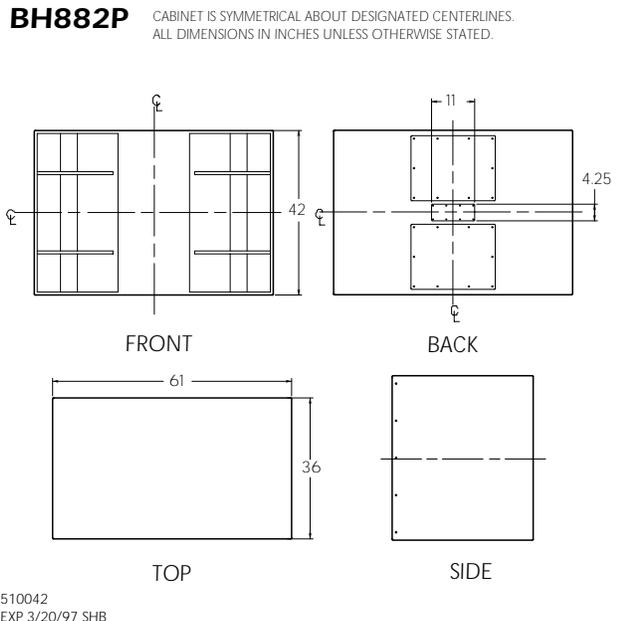
Frequency Response (Hz)		
±3 db	38Hz to 100Hz	
-10 dB	33Hz	
Axial Sensitivity (dB SPL/1 Watt/1m)		
105		
Impedance (Ohms)		
2x 4		
Power Handling (Watts)		
AES Standard	2000	
Calculated Maximum Output (dB SPL, @ 1m)		
Peak	144.0	
Long Term	138.0	
Dimensions & Weights		
	inches	millimeters
Height	42	1067
Width	59.5	1511
Depth	36	914
Weights		
	pounds	kilograms
Net Weight	367	167.0
Shipping Weight	378	172.0





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DIMENSIONAL DRAWING



ARCHITECTURAL SPECIFICATIONS

The sub bass loudspeaker systems shall incorporate 2x 18-in LF transducers in a folded bass horn constructed of 3mm birch plywood reinforced with high density polyurethane foam.

System frequency response shall vary no more than ± 3 dB from 38 Hz to 100 Hz measured on axis. The loudspeaker shall produce a Sound Pressure Level (SPL) of 105 dB SPL on axis at 1 meter with a power input of 1 Watt, and shall be capable of producing a peak output of 144 SPL on axis at 1 meter. The loudspeaker shall handle 2000 Watts of amplifier power (AES Standard) and shall have a nominal impedance of 2x 4 Ohms.

The loudspeaker enclosure shall be rectangular in shape. It shall be constructed of 15mm thickness void-free cross-grain-laminated Baltic birch plywood and shall employ extensive internal bracing. It shall be finished in black catalyzed polyurethane. Input connectors shall be 4-terminal barrier strip.

The sub bass loudspeaker shall be the EAW model BH882iP.