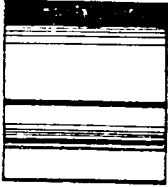


BH-880



Sub-woofer True Bass Horn For Dual 18"(440mm) Drivers for applications requiring bass response down to 30 Hz at long distances. The true horn design provides exceptionally high directivity or Q for high definition sub-bass in long throw applications like large dance playback systems, arenas and sub-bass high output for special effects in theatre, live concert, motion picture and amusement park applications. The mathematically true exponential horn with low flare rate and large mouth area provide unsurpassed conversion efficiency and extended bass response. The result of this design creates a sharp high frequency cutoff making it necessary to cross out of the BH-880 at 150 Hz or lower. The exceptionally low flare rate (32Hz) combined with the higher (72Hz) mouth area provide flat response (-3dB) down to 42Hz as a stand alone unit. For applications requiring true sub-bass response, a quad array of BH-880's can be used to provide flat response (-3dB) to 32 Hz.

Performance Data

Operating Range: 42Hz to 150Hz +-3 dB Single Unit
32Hz to 100Hz +-3 dB Quad Array

Low Frequency Limit: -10 dB 34 Hz Single Unit
-10 dB 25 Hz Quad Array

Efficiency: 48%

Sensitivity: 110 dB SPL 1w @ 1m (LF-443R)

Recommended Crossover: Less Than 150 Hz 18 dB/octave

Power Handling: 600 w RMS / 900 w Program

Maximum Output At 1 Meter: 137.8 dB SPL @ 600W (LF-443R)

Dimensions: 42"H x 72"W x 36"D

Recommended Drivers: EAW/RCF LF-443R or JBL 2240H

Configurations

BH-880-UL Unloaded bass horn for installation use

BH-880-LR As above, loaded with two (2) LF-443R drivers

BH-880-RU Unloaded, constructed for portable use

BH-880-RR As above, loaded with two (2) LF-443R driver