



# EMB1200

## 12" Energy Multiplier Bandpass Subwoofer

### Energy Multiplier Bandpass Series

#### Key Features:

- 12 inch Active/passive subwoofer drivers for powerful compact bass
- Energy Multiplier Bandpass design for optimal bass tuning.
- Built-in power amplifier for ease and versatility

#### Applications:

- Home theater
- Home audio
- Surround systems and distributed audio systems

The James Loudspeaker EMB series is a revolutionary development in subwoofer technology. By using an enclosed internal active driver and an pneumatically coupled passive radiator, the EMB subwoofers more than double their power and produce a smooth bass response all the way down to 20Hz. While most subwoofers with this range and power are quite large, the James EMB series subwoofers boast a compact size not much larger than a cubic foot in size.

The EMB1200 contains a 12 inch internal active driver and a matching 12 inch passive radiator, delivering an impressive 112dB of bass at standard measurement input voltage of 2.83V. With a built in amp and crossover, delivering sufficient power or filtering the input signal is no longer a concern.

James Loudspeakers EMB subwoofers have redefined the subwoofer category. In fact, The Complete Guide to High-End Audio by Robert Harley includes James' proprietary EMB technology as a class of its own. Designed for listeners that demand the very best, EMB subwoofers deliver lower distortion, smoother frequency response, tighter transients and greater bass extension than conventional designs.

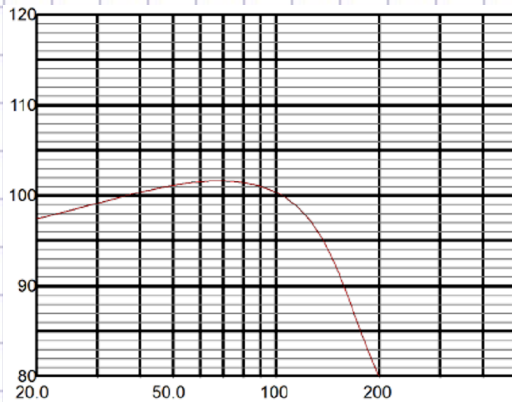
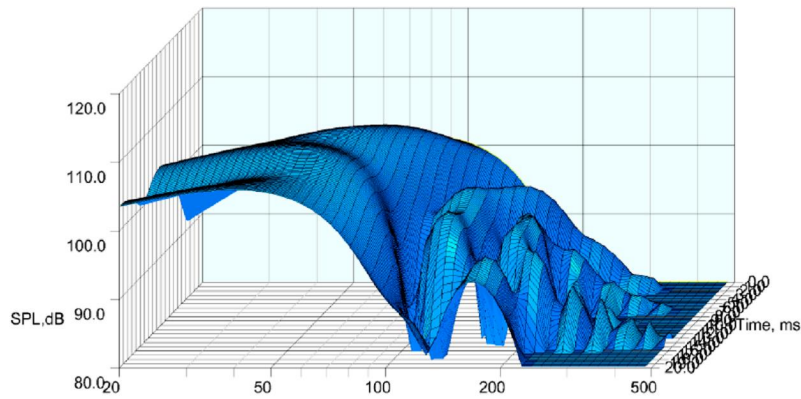


System Type	12 Active/Passive Energy Multiplier Bandpass Subwoofer
Frequency Range	20-120Hz
Crossover Frequency	Built in Variable 40-120Hz Low-pass -24dB/octave
Power Rating	Self Powered
Amplifier	600W Hybrid
Sensitivity (2.83V @ 1m)	112dB
Low Frequency Driver	12 mm) James Loudspeaker Subwoofer 12 mm) James Loudspeaker Passive Radiator
Input Connectors	Right/Left Speaker Input Screw Terminals Right/Left/LFE line RCA input
Dimensions (HxWxD)	(15x15x18) in (381x381x457.2) mm
Net weight	69lbs/31.4kg
Grille Dimensions (HxWxD)	(13.6x13.6x.75)in (345x345x19)mm
Grille Finishes	Black Grille Cloth with Magnetic Frame



# EMB1200

## 12" Energy Multiplier Bandpass Subwoofer



SPL-Response

Built-In Amplifier

Drawing of EMB1200

