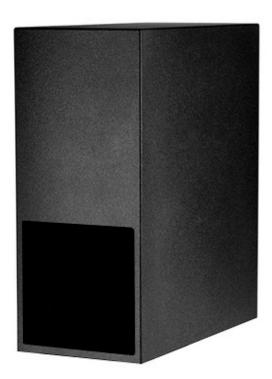
INFRA LINE





Key features

- Long excursion 15" driver transmission line system
- High Output Capability
- Low distortion
- Special effects sub-bass

Application

The CAT INFRA LINE is a high performance subbass system designed to reproduce very deep bass frequencies at high levels. It extends the power bandwidth down to 23 Hz.

Description

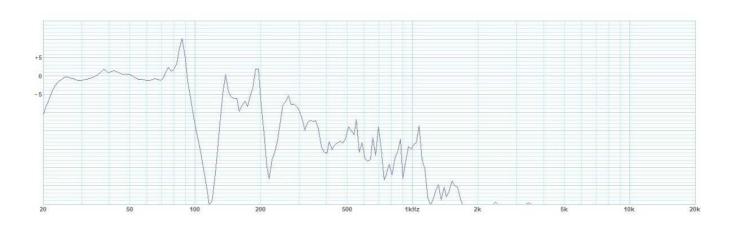
The CAT INFRA LINE is a 3.3 meters long transmission line, folded pipe, with an optimized cross-section area from beginning to the end. One side of the transducer diaphragm is mounted at the closed end of the pipe, and the second side is mounted near the open end. First side of the diaphragm drives the length of the pipe in a manner that operates like a quarter wave tuned pipe, at same time substantially reducing the cone motion and distortion while generating the magnified energy. Here, second side of the diaphragm has no contribution to the output of the system because the cone motion is minimized. Going up, about double frequency, pipe begins to work like half-wave "phase inverter", putting both sides of diaphragm aligned in time, and boosting each other.



Specifications:

System Type	15" long excursion driver transmission line system	
Frequency Response	23 –70Hz	
Impedance	2+2 ohms	
Power Rating	1000 Watts Nominal	
	2000 Watts Continous Program	
	4000 Watts Short-Term	
Sensitivity	97 dB, 1W@1m	
	25Hz - 60Hz	
Maximum SPL*	> 125dB	
Driver	1 x 15", 4" VC	
Crossover Frequency	active <70Hz, 24dB	
Finish	Black	
Dimensions	93.8 x 43.8 x 89.0 cm	
(HxWxD)		
Net Weight	80.0 kg	

*Calculated based on power rating and sensitivity, 1 m



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