



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 Continuous 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 (HxWxD)	93.8 x 43.8 x 89.0 cm
Net Weight	80.0 kg

*Calculated based on power rating and sensitivity, 1 m

