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NEWS RELEASE

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JBL PROFESSIONAL ANNOUNCES PD100 CALCULATOR PROGRAM

NORTHRIDGE, CA – APRIL 25, 2002 – JBL Professional is pleased to announce the JBL PD100 Calculator for designing PD100 Forward-Steered Low-Frequency Array Systems. The PD100 Calculator is a sophisticated computer program, allowing system designers to determine which PD100 cabinet is right for their application, how many to use, how to configure them, what DSP setting to set for each driver, and what the resulting coverage will be at any frequency (or band of frequencies) throughout the device’s operational range.

JBL’s PD (Precision Directivity™) Series uses a full range, full bandwidth total system approach that allows contractors and consultants to design a fully integrated sound system that solves the audio challenges inherent to large installations. PD100 Series products effectively allows the low frequencies to be “steered” at specific areas of the arena to assure even bass coverage throughout. With the advent of the PD100 Calculator, the design process is made much more simple.



Array Construction Wizard allows selection of PD100 models, number of cabinets and low frequency steering angle.



Array View shows the constructed array along with amplitude and delay settings for each element.

Customers can download the PD100 Calculator for free at this link. http://www.jblpro.com/pages/pd_series/pd_calculator.html. Just unzip the file and go to the README.TXT file. There is a QUICKSTART GUIDE available which can provide instructional information before beginning use of the program.

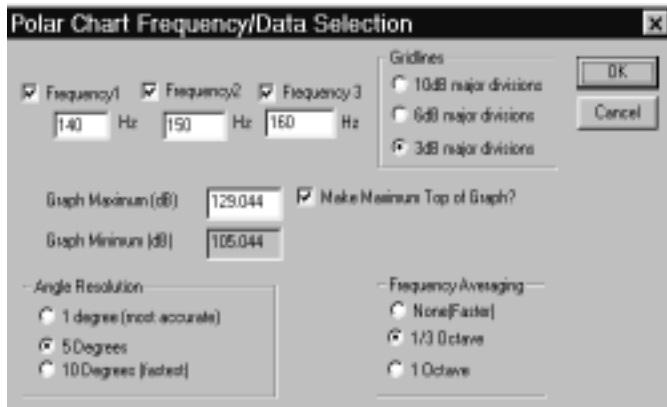
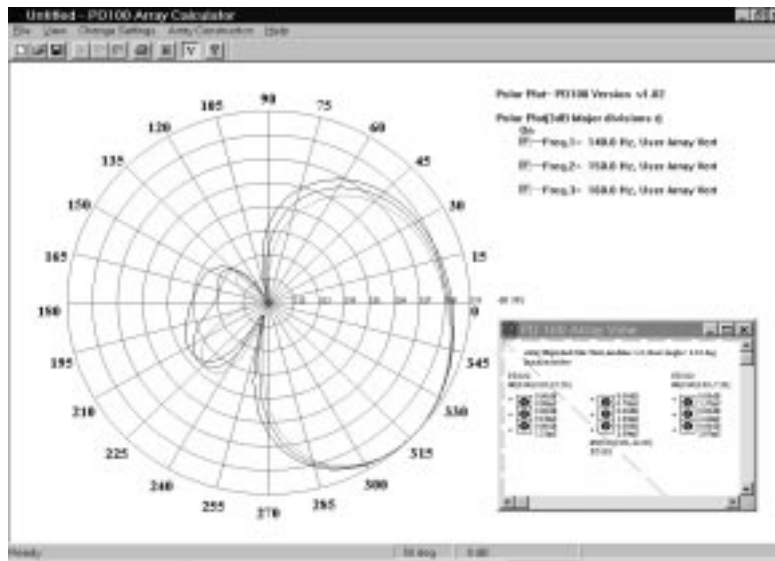


Chart Selection screen allows selection of computational and display parameters for Polar Chart.

Polar Chart shows coverage at selected frequencies



Headquartered in Northridge, California, JBL Professional is the world's leading designer, manufacturer, and marketer of professional loudspeakers for recording and broadcast, musician, cinema, touring sound, commercial sound and contracting applications. JBL Professional is part of the Harman International network of professional and consumer audio companies. For complete product and company information, go to the JBL Pro website at www.jblpro.com.