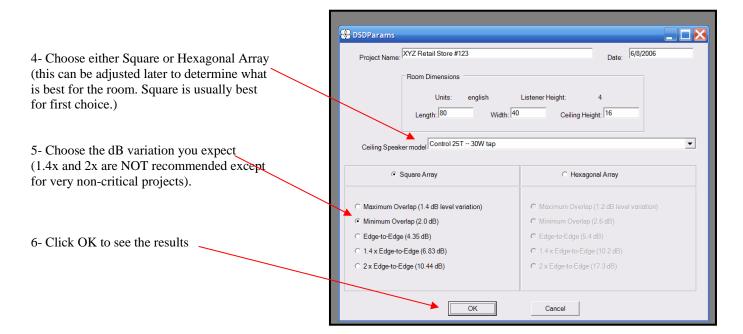
## How to use JBL's Distributed System Design Software

From Jeff McDonald, Plus Four Marketing

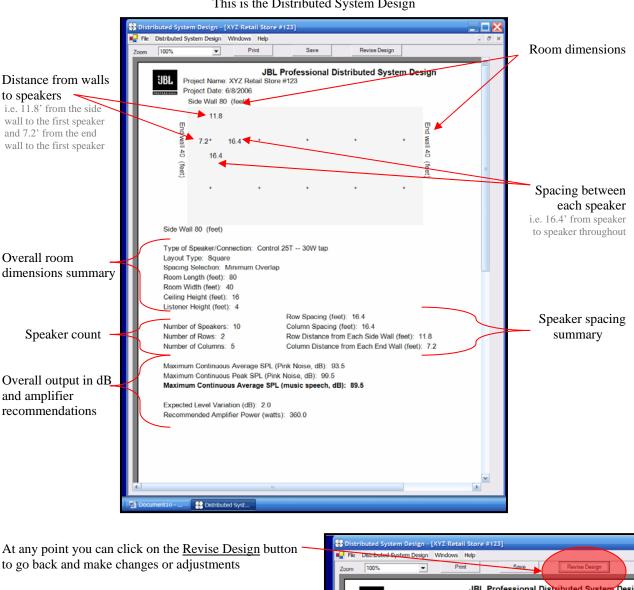
For more complete instructions, explanations and recommendations, see the README.TXT file in the DSD folder.

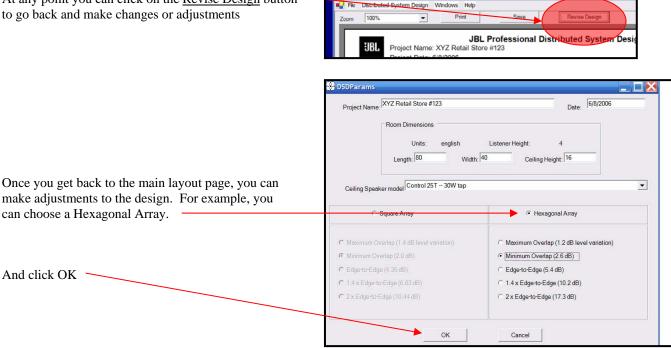
Download JBL's DSD from <a href="http://www.jblpro.com/pages/software\_downloads.htm">http://www.jblpro.com/pages/software\_downloads.htm</a> and select the *Distributed System Design (DSD)* -this will have the most current version

Distributed System Des Windows Help Distributed System Design Launch the program. To start your design, click on the Distributed System Design menu and click New Design Subwoofer utility Preferences 1- Name your project -**B** DSDParams  $\Box \Box \times$ Project Name: XYZ Retail Store #123 Date: 6/8/2006 2- Input the room dimensions: length, width and height (length must be greater than width). Ceiling Height: 16 Ceiling Speaker mode Control 25, 5.25" 2-way - 8 ohms direct Control 25T -- 30W tap Control 25T -- 15W tap Control 25T -- 7.5W tap Control 25T -- 3.7W tap (70V only) 3- Select which model you are using -In this case we are using a Control 25T (on the ceiling, pointing straight down). Control 25AV, 5.25" 2-way -- 8 ohms direct Control 25AV -- 60W tap For available models, click on C Minimum Overlap (2.0 dB http://www.jblpro.com/pages/install/cc main.htm



This is the Distributed System Design

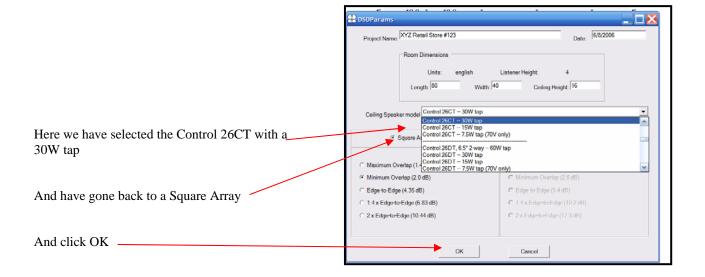


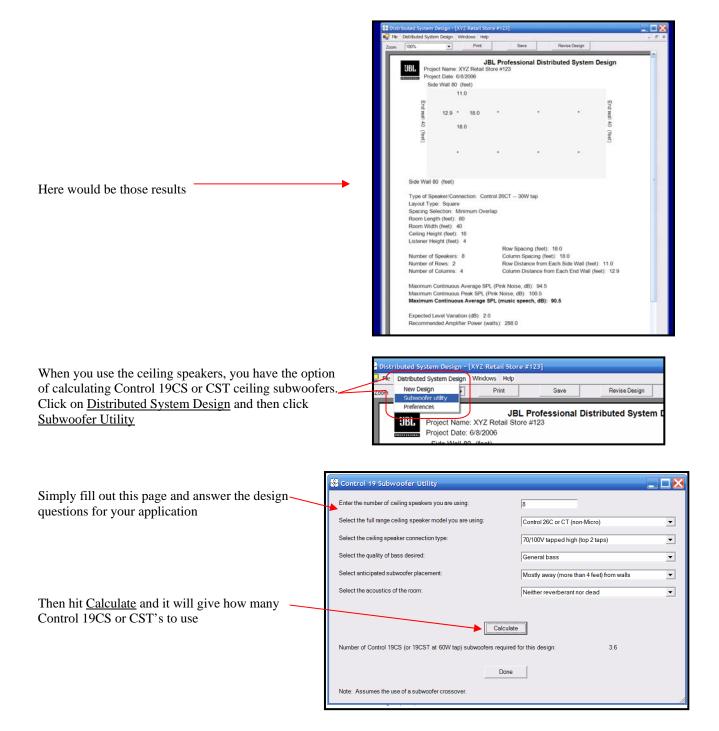


JBL Professional Distributed System Design Project Name: XYZ Retail Store #123 Project Date: 6/8/2006 Side Wall 80 (feet) For the same design, here is what the Hexagonal layout looks like 11.3 Side Wall 80 (feet) Type of Speaker/Connection: Control 25T -- 30W tap Layout Type: Hexagonal Spacing Selection: Minimum Overlap Room Length (feet): 80 Room Width (feet): 40 Ceiling Height (feet): 16 Listener Height (feet): 4 Row Spacing (feet): 17.4 Column Spacing (feet): 10.0 Row Distance from Each Side Wall (feet): 11.3 Number of Rows: 2 Number of Columns: 8 Column Distance from Each End Wall (feet): 4.9 Maximum Continuous Average SPL (Pink Noise, dB): 92.9 Maximum Continuous Peak SPL (Pink Noise, dB): 98.9
Maximum Continuous Average SPL (music speech, dB): 88.9 Expected Level Variation (dB): 2.6 Recommended Amplifier Power (watts): 288.0

You can also click on the <u>Revise Design</u> button and change the speaker to ceiling mount models







If you have any questions about using JBL's Distributed System Design that this has not answered for you, please contact JBL Pro Technical Assistance for further assistance. Thanks to Jeff McDonald of Plus Four Marketing for writing this tutorial!