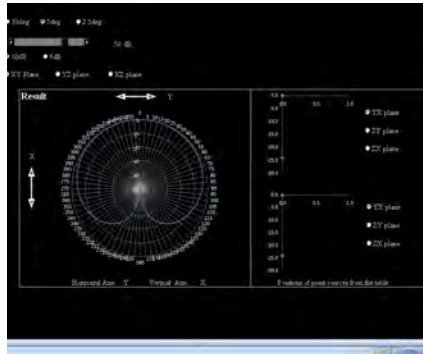


## FEATURES

- Helps design a cardioid or steered subwoofer array
- Provides 2D polar prediction at any frequency for any array of point sources
- Basic and advanced setting modes
- Free and available for download from [www.communitypro.com](http://www.communitypro.com)



Community's Subwoofer Steering Simulation Software (S<sup>4</sup>) makes it easy and convenient to design a cardioid or steered subwoofer array using VLF Series subwoofers or any other subwoofer system. S<sup>4</sup> is a useful tool for installers and designers to predict and control the direction of bass energy in free space. A well designed directional subwoofer system can help prevent low frequency spill onto stage areas, reducing unwanted bass buildup, and aid in eliminating LF feedback. An intuitively designed graphical user interface allows the user to input basic information about the desired array (number of subwoofers, spacing between subwoofers and/or desired cutoff frequency) to obtain the proper arrangement, delay settings and performance predictions.

The S<sup>4</sup> calculator provides two-dimensional polar prediction at any frequency for any array of point sources. Unique to S<sup>4</sup> is the ability to predict the frequency and phase response in front of and behind the loudspeaker array, allowing the designer to judge the performance of the array both in the audience area and on the stage. Additionally, S<sup>4</sup> features Basic and Advanced setting modes where users can set the calculation averaging bandwidth, polar degree resolution, polar amplitude resolution, array point of origin, listener position and the frequency response range to be graphed. The S<sup>4</sup> program is free and can be obtained by downloading from [www.communitypro.com](http://www.communitypro.com) or by contacting Community for a free CD-ROM.