



For over 75 years, we have also been an innovator in the design of high-performance speaker systems for a wide range of applications. TOA has been at the forefront in the development of specialized loudspeaker technologies for public spaces.

TOA produced some of the first Professional speaker systems that utilized dedicated electronic processing to optimize the speaker's performance. TOA engineers presented the first AES papers on adaptive filter equalization and the use of all-pass filters for flat-phase speaker tuning. Our test facilities include one of the world's largest anechoic chambers and state-of-the-art facilities for acoustics and reverberation simulation.

TOA was among the first to adopt the RASTI speaker intelligibility rating method and we rigorously test our speakers using TEF 20 analyzers. TOA also assisted with the Japanese translation of the classic text by Don and Carolyn Davis, *Sound System Engineering*, and has long been a sponsor of Syn-Aud-Con sound system design seminars.



The purpose of this design guide is to provide sound contractors and systems integrators with a convenient, easy-to-use reference to design small- and medium-sized TOA distributed speaker systems. The guide discusses the main parameters and trade-offs involved in designing distributed speaker systems and provides rules-of-thumb to help specify and implement them.



## TOA Advantages

<b>EXPERIENCE:</b>	<ul style="list-style-type: none"> <li>• 75 years of excellence - 1934 - 2010</li> <li>• Over 20 years manufacturing CCTV Systems</li> <li>• World leader in commercial &amp; professional audio products</li> <li>• World Renowned Installations</li> </ul>	<b>QUALITY:</b>	<ul style="list-style-type: none"> <li>• Most products have a FIVE year limited warranty</li> <li>• Reliable - best MTBF in the industry</li> <li>• Durability</li> </ul>
<b>SELECTION:</b>	<ul style="list-style-type: none"> <li>• Broad Product Range for applications in, arenas, boardrooms, casinos, school halls/auditoriums restaurants, retail outlets, houses of worships, etc...</li> </ul>	<b>DISTRIBUTION:</b>	<ul style="list-style-type: none"> <li>• Canadian stocking warehouse for product and service parts.</li> </ul>
<b>CUSTOMER SERVICE:</b>	<ul style="list-style-type: none"> <li>• Canadian technical support and design team</li> <li>• Design consultation</li> <li>• Extensive field representation nationally</li> <li>• Monthly web-based training</li> <li>• Customized dealer sales and technical training available upon request</li> </ul>	<b>COMMITMENT:</b>	<p>Competitively priced, quality products and the utmost in customer service, your satisfaction guaranteed!</p>

For more information and product details please see <http://www.toacanada.com/products/>