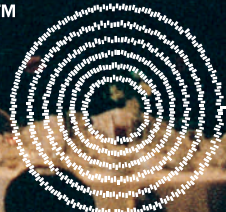




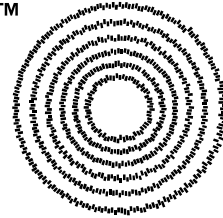
# SOUNDSPHERE™

LOUDSPEAKERS



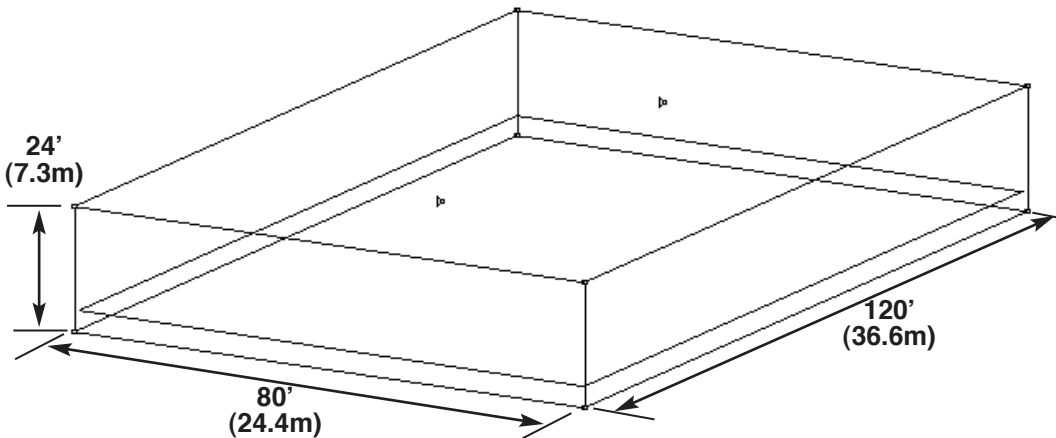
# SOUNDSPHERE™

LOUDSPEAKERS

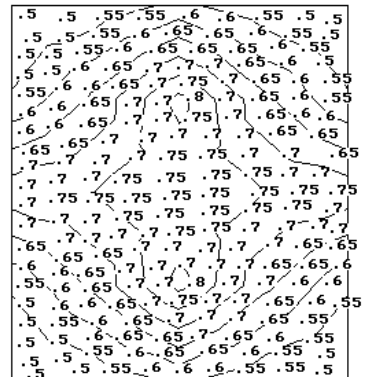


## ... In Hotel Ballrooms

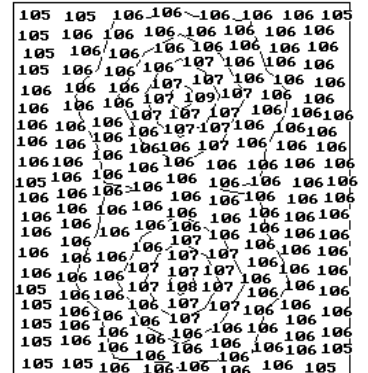
Two model Q-12 Soundspheres 23' (7 meters) above the floor in a rather typical hotel ballroom, with a reverberation time of 1.2 seconds @ 1 kHz.



RASTI



Total SPL with 100 watts of power at each speaker

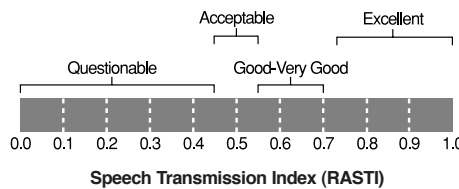


**Decibels**

- 120 - jet takeoff 200' away
- 110 - loud rock music
- 100 - heavy truck close by  
- 5,000 shouting people in an arena
- 90 - boiler room
- 80 - heavy traffic
- 70 - vacuum cleaner 10' away  
- normal conversation
- 60 - large store

Typical Sound Pressure Levels (A-weighted)

**Quality of Speech Intelligibility**



Speech Transmission Index (RASTI)

- Full frequency, dramatic, intelligible sound with a small number of loudspeakers.
- Easy to design for flexibility in use with partition walls open or closed.
- No hot spots; no dead spots.
- Loudspeakers can be supplied in any color.
- Fewer loudspeakers mean less time and expense to install.
- Soundsphere loudspeakers are easy to demonstrate.

Set up a demonstration and hear the difference.

**SOUNDSPHERE™**  
Division of Sonic Systems, Inc.

10 Research Drive • Stratford, CT 06615 • Phone: (203) 386-9200 • Fax: (203) 386-0773 • Visit our website at [www.soundsphere.com](http://www.soundsphere.com)

Picture: Chicago Hilton and Towers, Chicago, Illinois

System installed by Industrial Communication Systems, Inc., Alsip, Illinois

