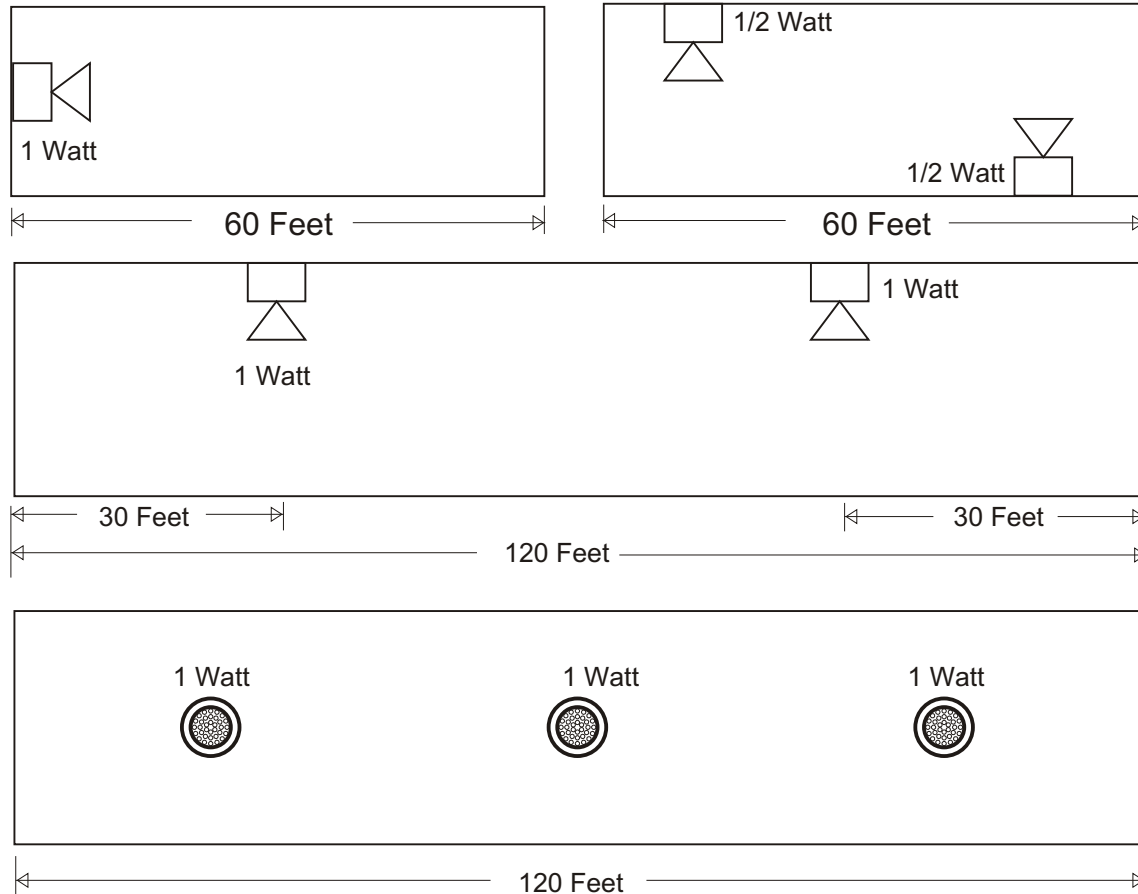


## Speaker Placement Guidelines



Use three 1 Watt Ceiling Speakers to penetrate into rooms.

### Notes:

- 1.) Locate speakers at all pull stations and in main corridors, similar to placement of conventional horns
- 2.) At a minimum, make sure that all occupied locations are within 50 feet of a speaker.
- 3.) More speakers set at lower tap settings provide better message intelligibility and more uniform sound levels.
- 4.) Always locate a speaker in boiler rooms and mechanical rooms, and use a minimum 2 Watt setting.
- 5.) Set speaker tap to provide 15 dBA above ambient sound levels. 1 Watt setting is most common.
- 6.) Locate speakers outside bathrooms and bedroom areas so it is clearly audible within.
- 7.) Be sure there are speakers in normally un-occupied areas to protect workers or service men.
- 8.) As a general rule of thumb, provide 1 Watt of speaker power for every 1,500 square feet in divided areas 2,000 square feet in open areas.
- 9.) Locate additional speakers in rooms such as cafeterias, and isolated rooms such as a computer room.
- 10.) Wall mount speakers are more efficient at delivering power than ceiling speakers.