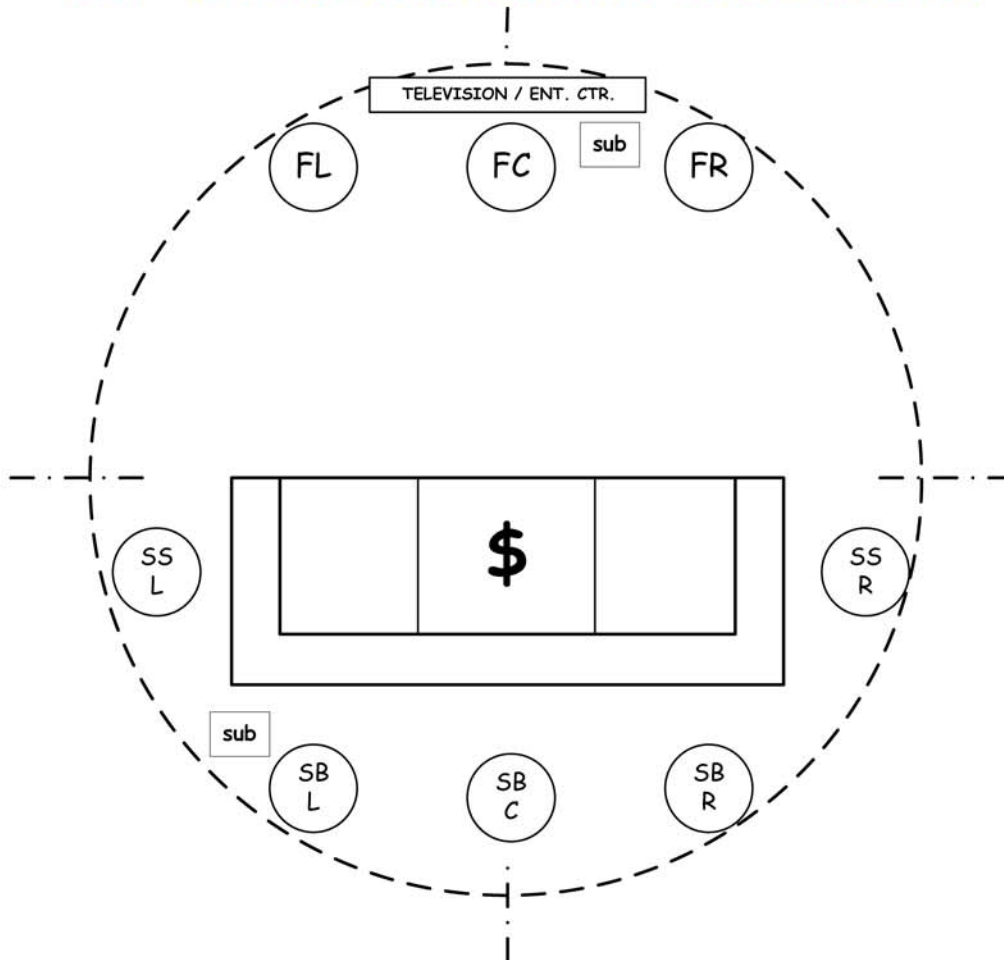


HOME THEATER 5.1 - 7.1 SURROUND SOUND SPECIFICATION



NOTE:

Each speaker location shall be home run to entertainment center or A/V component location with a 16awg 4-conductor speaker cable (95% oxygen free copper 65 strand count recommended minimum). For critical or dedicated rooms upgrade to 14awg 4-conductor or 12awg 2-conductor and make each speaker cable the same length, extra cable to be left at A/V components in separate large coils to avoid creating a magnetic field.

Front speaker locations (FL & FR) should be on line with the video display and spaced roughly 6 - 8 feet apart, Front center speaker location (FC) should be directly in line with the center of the video display for optimum vocal reproduction.

Surround side speaker locations (SSL & SSR) should be roughly one third the distance from the surround back speaker locations to the front speaker locations. Surround side speakers should also be spaced wider than both the front and back speakers, see diagram.

Surround back speaker locations (SBL & SBR) should be located behind the seating area and should be spaced roughly 6 - 8 feet apart.

Surround back center speaker location (SBC) should be located behind the seating area online W/ SBL & SBR (PREWIRE ONLY).

Active Subwoofers (sub) should be wired in two locations. One in the front of the room and one in the rear of the room, locations should be in opposing corners respectively. Subwoofer cabling should be two pair twisted - individually shielded pairs W/ drain, line level audio cable or RG-59U coaxial cable W/ 95% copper braid. Make sure to place subwoofers near a 110VAC receptacle for internal amplifier power.

This specification has been prepared as a guideline only and may not allow for all surround sound applications. Speaker locations may need to be modified to fit the needs of each individual rooms' requirements. The above specification does not make considerations for 10.2 surround sound or other surround sound formats. For a consultation please contact imagine Audio directly at www.imagineaudio.net

PRECISION ARCHITECTURAL LOUDSPEAKERS