Subwoofer placement

**Note:**
1. Positions A and B are recommended.
2. Position C causes a significant bass boost and may cause asymmetrical spatial imaging if only one subwoofer is used.
3. Recommended position for two linked subwoofers is A+B. Positions C and D may also work, but may cause loss of LF when off room center axis.
4. LF mutual coupling causes a 6 dB bass level increase when using two, 9.5 dB with three and 12 dB with four subwoofers.

**Suggested Tone Control settings for a single subwoofer**

**Distance from front wall**

- **OK**
  - Main speaker
  - > 110 cm (43”)
  - < 60 cm (24”)

- **Positioning too far from the wall may cause a loss in low frequency response**
  - > 60 cm (24”)

**Aligning the subwoofer**

- ≥10 cm (4”)

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Connection to the 6.1 bass management

Setting the LFE channel reproduction bandwidth

- **LFE reproduced full range**
  - LFE reproduced up to 85 Hz
  - LFE reproduced up to 120 Hz

Phase alignment

1. Switch on the test tone by setting dip switches 3 and 4 on the left switch group to "on". An 85 Hz signal should be heard from the subwoofer and the monitor connected to "FRONT CENTER" channel.
2. Toggle the subwoofer’s dip switch 4 on the right switch group “on” and “off” and set it to the position which gives the lowest sound level at the listening position.
3. Toggle the subwoofer’s dip switch 3 on the right switch group “on” and “off” and set it to the position which gives the lowest sound level at the listening position.
4. Set dip switch 4 to the opposite setting.
5. Switch off the test tone. Be sure to turn off both switches to disable the test tone.