Quick setup guide 7050C

**Subwoofer Placement**

**Distance from Front Wall**

**Aligning the Subwoofer**

**Note:**

1) Positions A and B are recommended.

2) Position C causes a significant bass boost and may cause asymmetrical spatial imaging one subwoofer is used.

3) Positions C and D may also work, but may cause loss of LF when off room center axis.

**Suggested Tone Control Settings**

Position A, B and D

- Roll-off phase -270° -8 dB
- Roll-off phase -4 dB
- ISS ON
- ISS SENSITIVITY LOW
- LFE +10 dB
- INPUT dBu PRODUCING 100 dB SPL (1 m)
- Position C

- Roll-off phase -270° -8 dB
- Roll-off phase -4 dB
- ISS ON
- ISS SENSITIVITY LOW
- LFE +10 dB
- INPUT dBu PRODUCING 100 dB SPL (1 m)
- Position C

**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’’)

**Positions A, B and D**

- -4 dB

**Position C**

- -8 dB

**Positions C and D**

- -6 dB
- 0 +3
- +12
- -3
- +6 -4

**Input dBu producing 100 dB SPL (1 m)**

**ISS Sensitivity Low**
5.1 Connection and Wiring

Bass management bypass function is active when tip and ring are connected together.

Bypass Switch Connection

Connect a monitor to the subwoofer and feed an 85 Hz test signal to the corresponding input connector.

Toggle the subwoofer’s -180 degree phase switch “on” and “off” and set it to the position which gives the lowest sound level at the listening position.

Toggle the subwoofer’s -90 degree phase switch “on” and “off” and set it to the position which gives the lowest sound level at the listening position.

Set the -180 degree switch to the opposite position.

Phase Alignment