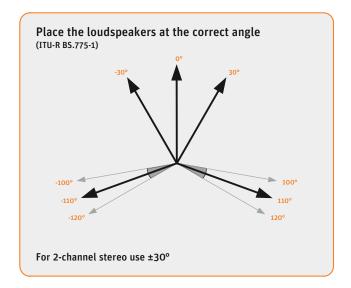
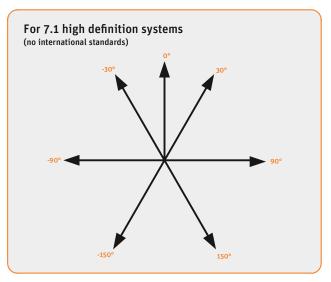
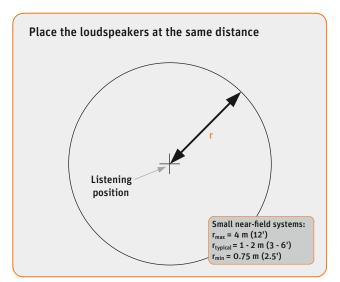
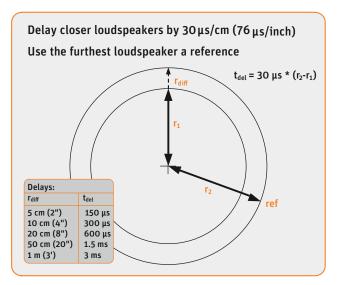


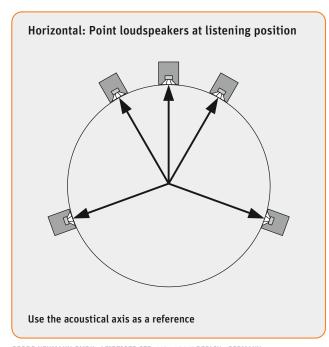
Getting Started Quickly

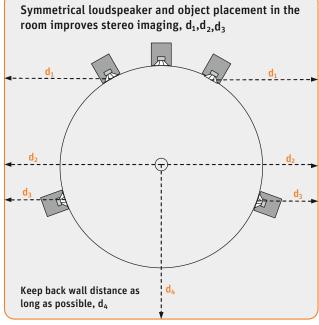












GEORG NEUMANN GMBH · LEIPZIGER STR. 112 · 10117 BERLIN · GERMANY TEL +49 (0)30 / 41 77 24 · 0 · FAX · 50 · HEADOFFICE@NEUMANN.COM · WWW.NEUMANN.COM 09/14 · 540493/A02



Getting Started Quickly

Acoustical axis and cabinet orientation

Use acoustical axis as a reference point



Recommended cabinet orientation for a wide usable listening area



Not recommended cabinet orientation, except for fixed listening positions



Acoustical controls

Against a wall



So : Bass = -5 dB

Soft: Bass = -2.5 dB

In a corner



Bass = -7.5 dB

Low-Mid = -1.5 dB

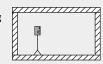
Near a desktop



Small: Low-Mid = -1.5 dB

Large: Low-Mid = -3 dB

Free standing

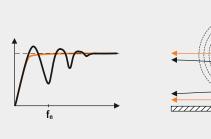


Live: Treble = -1 dB

Bass = -2.5 dB

Dead: All O dB

Distance from the wall



Full Range Loudspeakers

Avoid $d_{wall} = 0.8 - 2.0 \text{ m}$

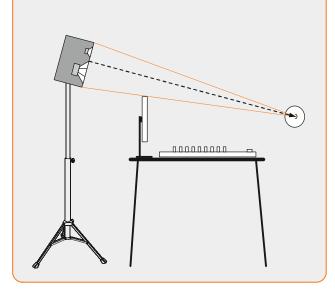
Bass Managed Loudspeakers

Avoid $d_{wall} = 0.8 - 1.0 \text{ m}$

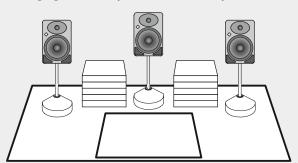
Subwoofers

Avoid $d_{wall} = >0.8 \text{ m}$

Vertical plane: Point the loudspeakers at the listening position. Avoid objects between the loudspeaker and listening position.



Arranging the desktop: uncluttered and symmetrical



Avoid reflections for a smooth midrange

