

# HFT WIDE ANGLE Placement Guide

HFT Wide Angle's are added sparingly to a room already treated with HFT's. With a wider and more powerful dispersion pattern, they dramatically increase your sense of immersion in the sound field while expanding the scale and dimension of your soundstage.

**Damped room-** no issues with perceived brightness or hardness in high frequencies

HFT **X** Wide Angle in the center position between the main speakers. Level 1

HFT Wide Angle on side walls behind the listening position. Level 1

HFT Wide Angle on each side wall behind the main speakers when speakers are pulled a fair about of the way into the listening room -or- on sidewalls between the listening position and the main speakers. Level 2

HFT Wide Angle on the rear wall behind the listening position. Level 2

**Moderately damped room** minimal slap echo- no perceived brightness or hardness in upper frequencies

HFT Wide Angle in the center position between the main speakers. Level 1

HFT Wide Angle on side walls behind the listening position. Level 1

HFT Wide Angle on each side wall behind the main speakers when speakers are pulled a fair about of the way into the listening room -or- on sidewalls between the listening position and the main speakers. Level 2

HFT Wide Angle on the rear wall behind the listening position. Level 2

**Lively room-** slap echo with a perception of brightness.

HFT Wide Angle on each side wall behind the listening position. Level 1

HFT Wide Angle on the rear wall behind the listening position. Level 1

No Level 2 recommendation.

**Alternate Position.**

:

HFT Wide Angle in the middle of the ceiling between the listening position and the speakers.

HFT Wide Angles in 1/3 increments on the ceiling of the listening room running down the middle of the room between the main speakers.

For any questions, please contact [service3@synergisticresearch.com](mailto:service3@synergisticresearch.com) or visit [synergisticresearch.com](http://synergisticresearch.com)



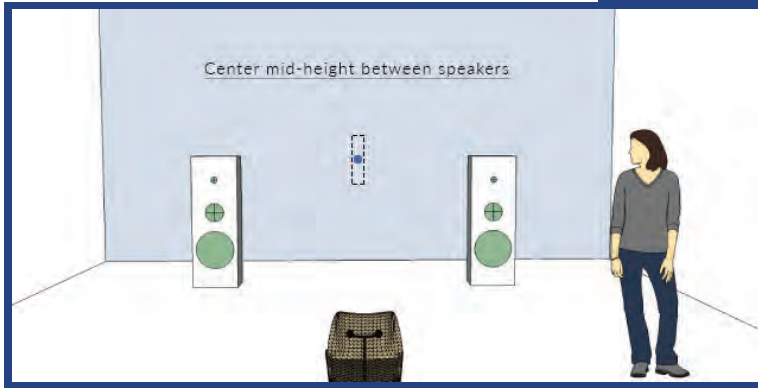
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**HFT WIDE ANGLE**  
HIGH•FREQUENCY•TRANSDUCER

Placement for **damped room**- no issues with perceived brightness or hardness in high frequencies

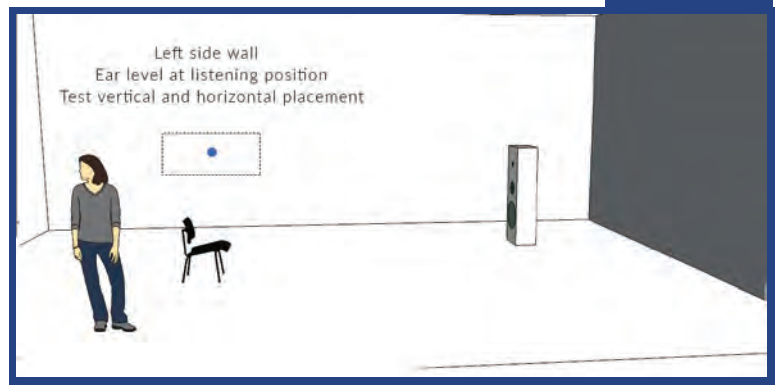
**First pack of HFT wide angles**

**Level One**



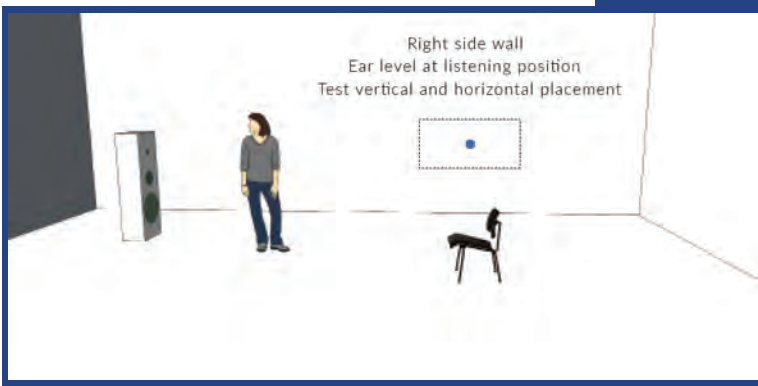
Place HFT **X**Wide Angle on your front wall, centered between the speakers at about ear level. Test the HFT wide angle a few inches above and below the existing standard HFT near this location (HFT level 1 placement). For additional warmth, increase the distance from the existing HFT (higher and lower placement from ear level will provide more warmth.)

**Level One**



Place HFT Wide Angle on the left wall, near listening position at about ear level. Test horizontal position (slightly in front, slightly behind and even with listening position) for best performance. Test vertical height for balance (higher and lower placement from ear level will provide more warmth).

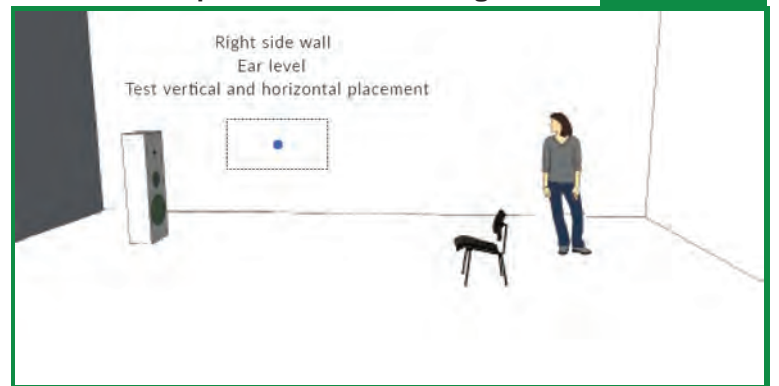
**Level One**



Place HFT Wide Angle on the right wall, near listening position at about ear level. Test horizontal position (slightly in front, slightly behind and even with listening position) for best performance. Test vertical height for balance (higher and lower placement from ear level will provide more warmth).

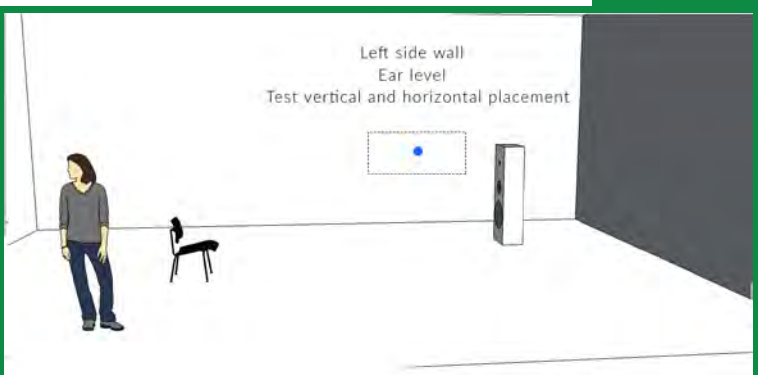
**Second pack of HFT wide angles**

**Level Two**



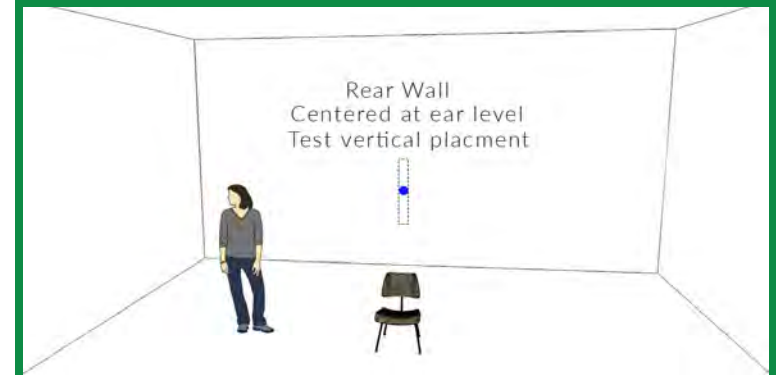
Place HFT Wide Angle on each side wall behind the main speakers when speakers are pulled a fair about of the way into the listening room -or- on sidewalls between the listening position and the main speakers. Test horizontal position (slightly in front, slightly behind and even with listening position) for best performance. Test vertical height for balance (higher and lower placement from ear level will provide more warmth).

**Level Two**



Place 2nd HFT Wide Angle on other side wall, behind the main speakers when speakers are pulled a fair about of the way into the listening room -or- on sidewalls between the listening position and the main speakers. Test horizontal position (slightly in front, slightly behind and even with listening position) for best performance. Test vertical height for balance (higher and lower placement from ear level will provide more warmth).

**Level Two**

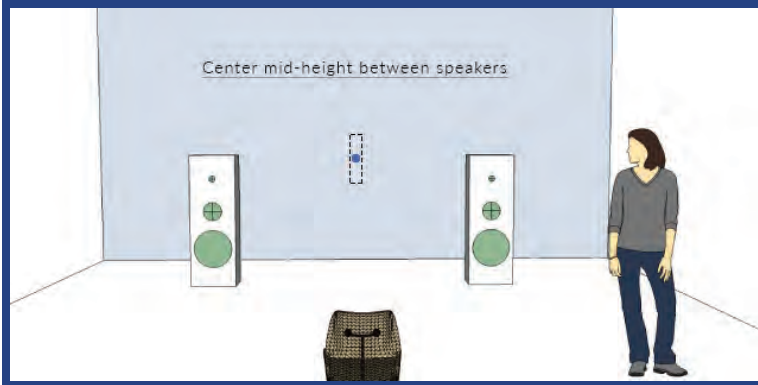


Place the 3rd HFT wide angle on the rear wall behind the listening position. Test vertical height for balance (higher and lower placement from ear level will provide more warmth).

Placement for **moderately damped** room (minimal slap echo- no perceived brightness or hardness in upper frequencies)

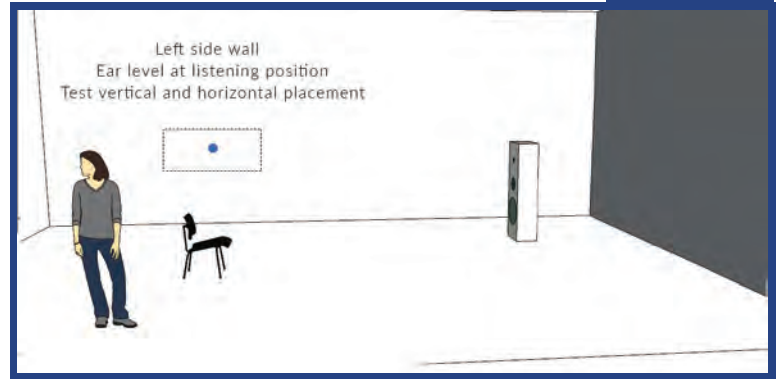
**First pack of HFT wide angles**

**Level One**



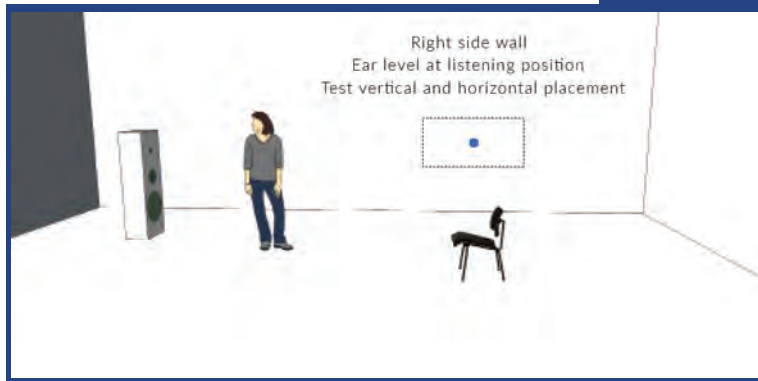
Place HFT Wide Angle on your front wall, centered between the speakers at about ear level. Test the HFT wide angle a few inches above and below the existing standard HFT near this location (HFT level 1 placement). For additional warmth, increase the distance from the existing HFT (higher and lower placement from ear level will provide more warmth.)

**Level One**



Place HFT Wide Angle on the left wall, near listening position at about ear level. Test horizontal position (slightly in front, slightly behind and even with listening position) for best performance. Test vertical height for balance (higher and lower placement from ear level will provide more warmth).

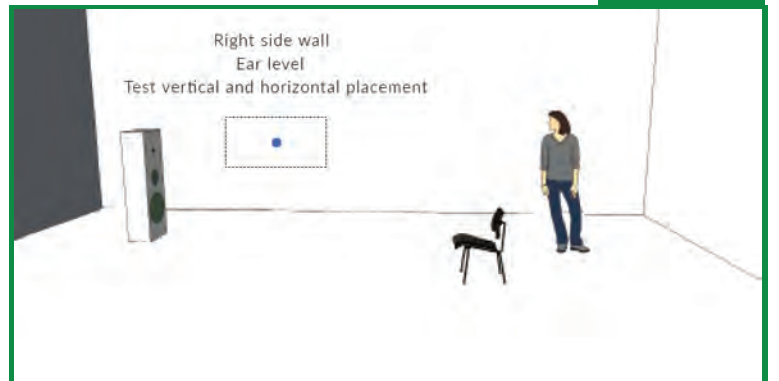
**Level One**



Place HFT Wide Angle on the right wall, near listening position at about ear level. Test horizontal position (slightly in front, slightly behind and even with listening position) for best performance. Test vertical height for balance (higher and lower placement from ear level will provide more warmth).

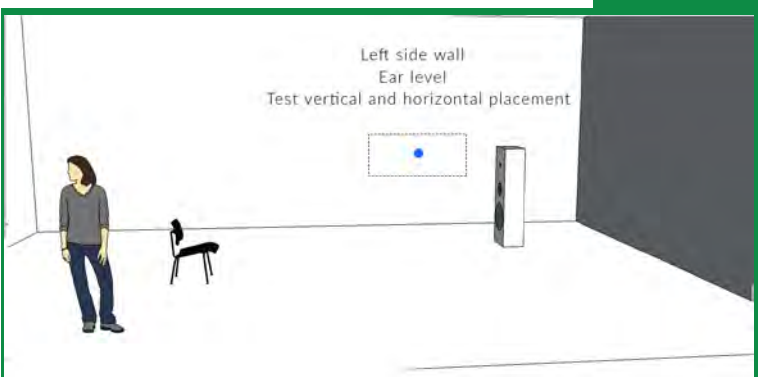
**Second pack of HFT wide angles**

**Level Two**



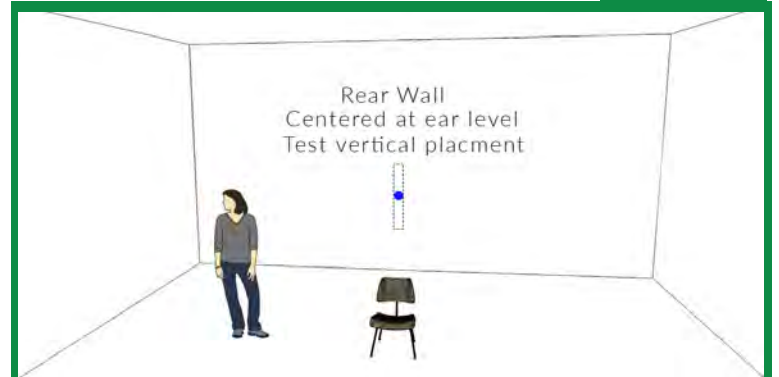
Place HFT Wide Angle on each side wall behind the main speakers when speakers are pulled a fair about of the way into the listening room -or- on sidewalls between the listening position and the main speakers. Test horizontal position (slightly in front, slightly behind and even with listening position) for best performance. Test vertical height for balance (higher and lower placement from ear level will provide more warmth).

**Level Two**



Place 2nd HFT Wide Angle on other side wall, behind the main speakers when speakers are pulled a fair about of the way into the listening room -or- on sidewalls between the listening position and the main speakers. Test horizontal position (slightly in front, slightly behind and even with listening position) for best performance. Test vertical height for balance (higher and lower placement from ear level will provide more warmth).

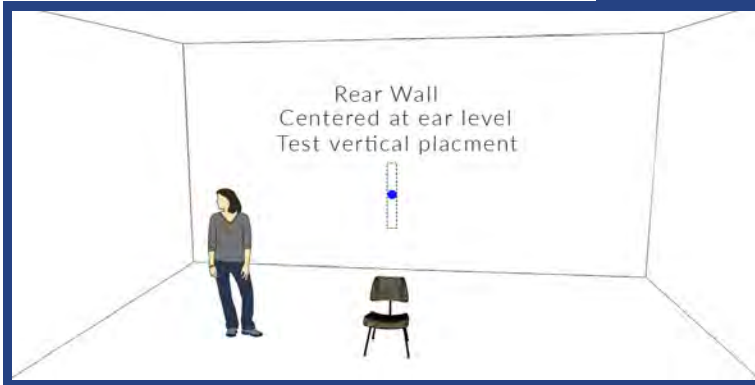
**Level Two**



Place the 3rd HFT wide angle on the rear wall behind the listening position. Test vertical height for balance (higher and lower placement from ear level will provide more warmth).

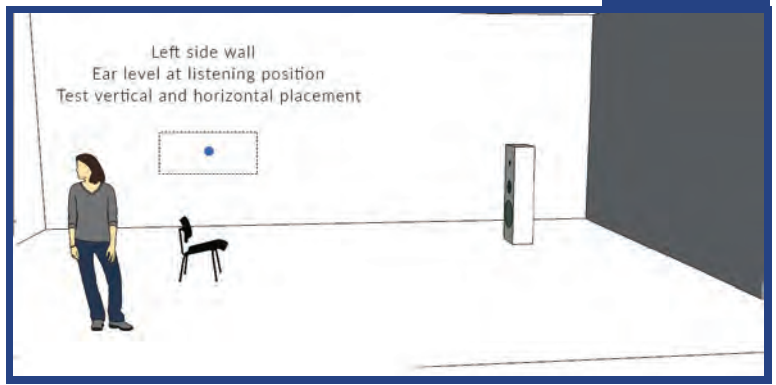
Placement for **lively rooms**- slap echo with a perception of brightness.

**Level One**



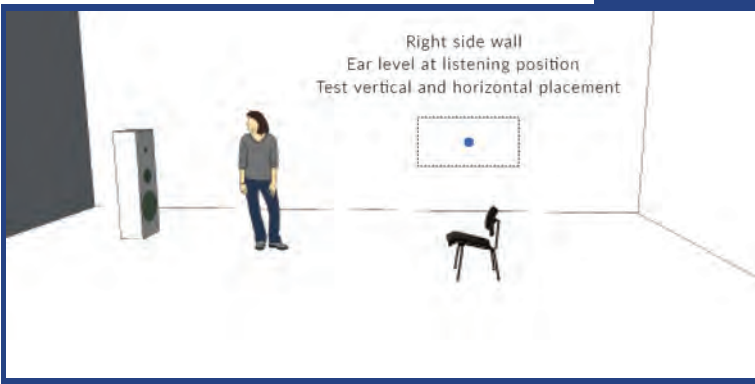
Place the 1st HFT wide angle on the rear wall behind the listening position. Test vertical height for balance (higher and lower placement from ear level will provide more warmth).

**Level One**



Place the 2nd HFT wide angle on the left wall, near listening position at about ear level. Test horizontal position (slightly in front, slightly behind and even with listening position) for best performance. Test vertical height for balance (higher and lower placement from ear level will provide more warmth).

**Level One**



Place the 3rd HFT wide angle on the right wall, near listening position at about ear level. Test horizontal position (slightly in front, slightly behind and even with listening position) for best performance. Test vertical height for balance (higher and lower placement from ear level will provide more warmth).

No level two placement recommended

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