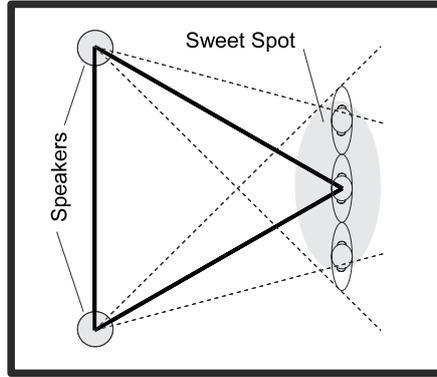


Features

To complete your Forté A-BUS installation also refer to the manual of the A-BUS/*WALL* ABD-W5 and/or A-BUS/*IN-CEILING* ABD-C6 speakers.

A-BUS simplicity allows multi-room audio to be easily installed into a home. There is a range of plug and play style components to choose from to tailor a system to suit most individual requirements. Most speakers are mounted in ceilings for invisibility; correct placement is important. This guide is to help you find the best location in rooms around the home.

A-BUS is a stereo system. Stereo is not simply sound from two points or speakers, it is the image created between the speakers. As a guide an equilateral triangle should be imagined between the two speakers and listener/s. The ideal listening point is called a sweet spot. The sweet spot area can be enlarged by increasing the distance between the speakers and the listening area.

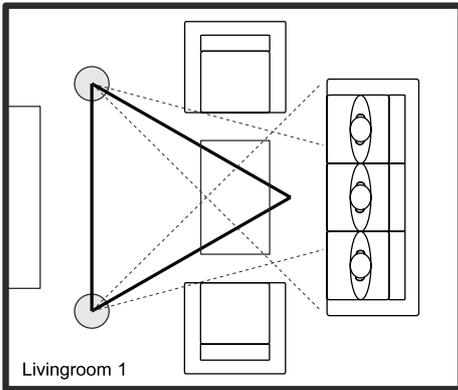


In some rooms stereo imaging is not required. For instance two speakers are not important in a reflective room such as a bathroom but it is still important to get both left and right channels. In a dining area where music should not compete with conversation, a defused image may be preferred.

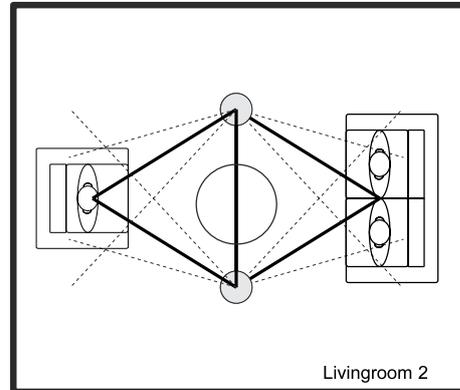
Note: Care should be taken before cutting holes that there are no obstructions such as joists, electrical and data cables, air-conditioning ducts, etc. Local regulations should also be checked before starting your installation.

Here are some room examples to consider.

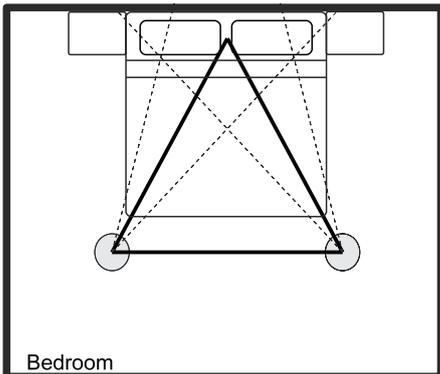
Living Areas



Care should be taken to avoid placing ceiling speakers directly over reflective surfaces and too close to other listeners. You can place the speakers close to a wall but it is best to avoid alcoves that may restrict image.

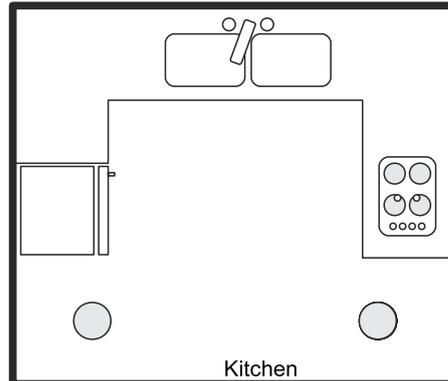


Bedrooms



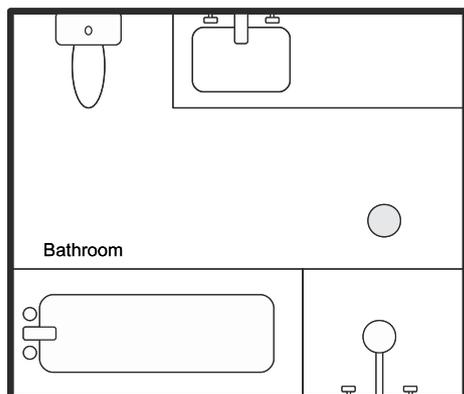
Placing the speakers at the end of the bed will provide a good stereo image.

Kitchens



An area where most people are standing, speakers should be located away from heavy traffic areas. Care should also be made to avoid placing speakers over countertops.

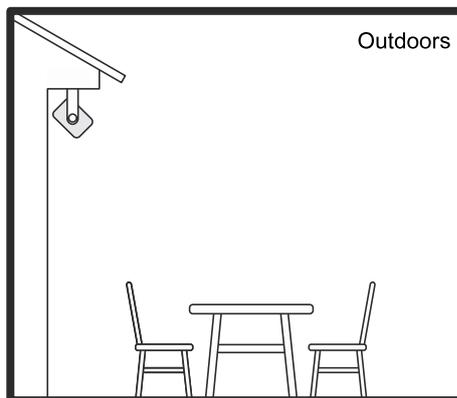
Bathrooms



An area with very reflective surfaces so stereo positioning is not critical, a single stereo-summing speaker is often used. An A-BUS/DIRECT CEILING amplified speaker switched to mono mode is recommended. Do not use a single left or right speaker, the lost channel can result in irritating sound. The speaker should not be located above moist areas or standing areas; however, placing the speaker near a noisy area such as a shower can reduce the volume level required while in the shower.

Outdoors

In outdoor situations sound can travel long distances particularly over water (swimming pools etc.) so the speaker should be located close to the entertainment area and preferable pointing back towards the house away from neighbours. All A-BUS speakers are weather resistant but should be mounted away from direct sunlight and moisture. In a typical patio situation the speakers can be mounted in the eave with the speakers facing downward towards the entertainment area where people are most likely to congregate. Bass energy is lost in outdoor situations, increasing the volume to compensate may cause damage.



Note

The information in this guide is intended to help the installer understand the parameters of speaker placement, however, it does not necessarily accurately reflect individual situations and other parameters that may affect the final outcome of the installation. (If you are not sure where to place your speakers it is recommended that an experienced A-BUS installer should carryout the installation.)

