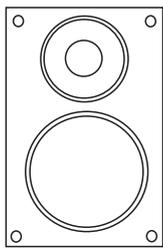


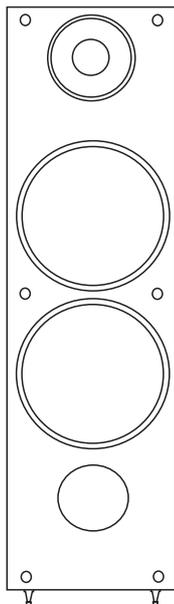


BENTLEY ACOUSTICS

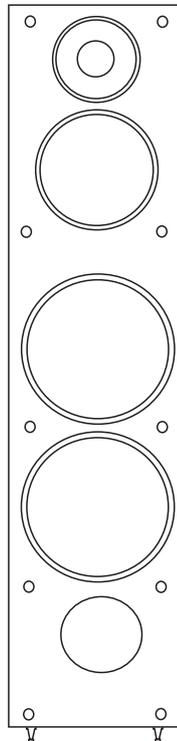
FS / FR / C - 100 - Series



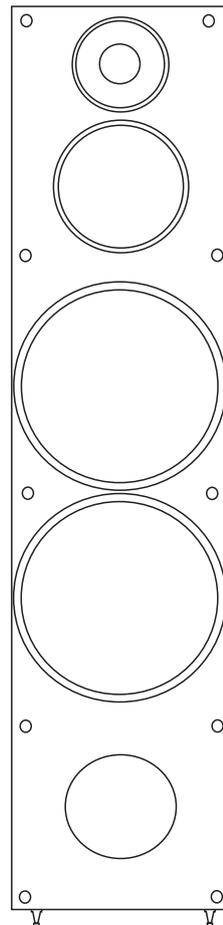
FR - 100



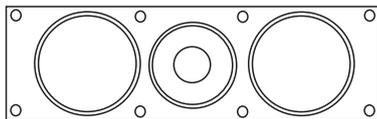
FS - 110



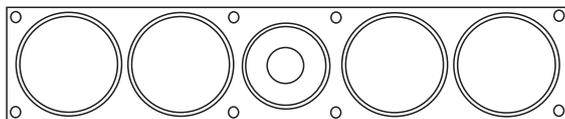
Fs - 120



FS - 150



FC - 120



FC - 150

Thank you for choosing **Bentley Acoustics**.

We understand you are excited about your new product, but this is a high performance speaker which requires proper installation, so we suggest that you take some time to read the instructions before you begin listening.

1. Unpacking

Carton Contents
Check in the carton for:

4 x Plinth (FS 110 / 120 / 150 only)

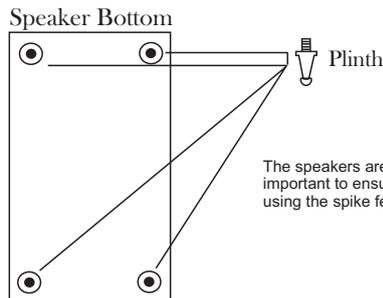
PLEASE NOTE : The speakers are heavy and in excess of 15kg each - DO NOT HANDLE THE SPEAKER USING THE PORT AS MEANS OF GRIP.

2. Positioning

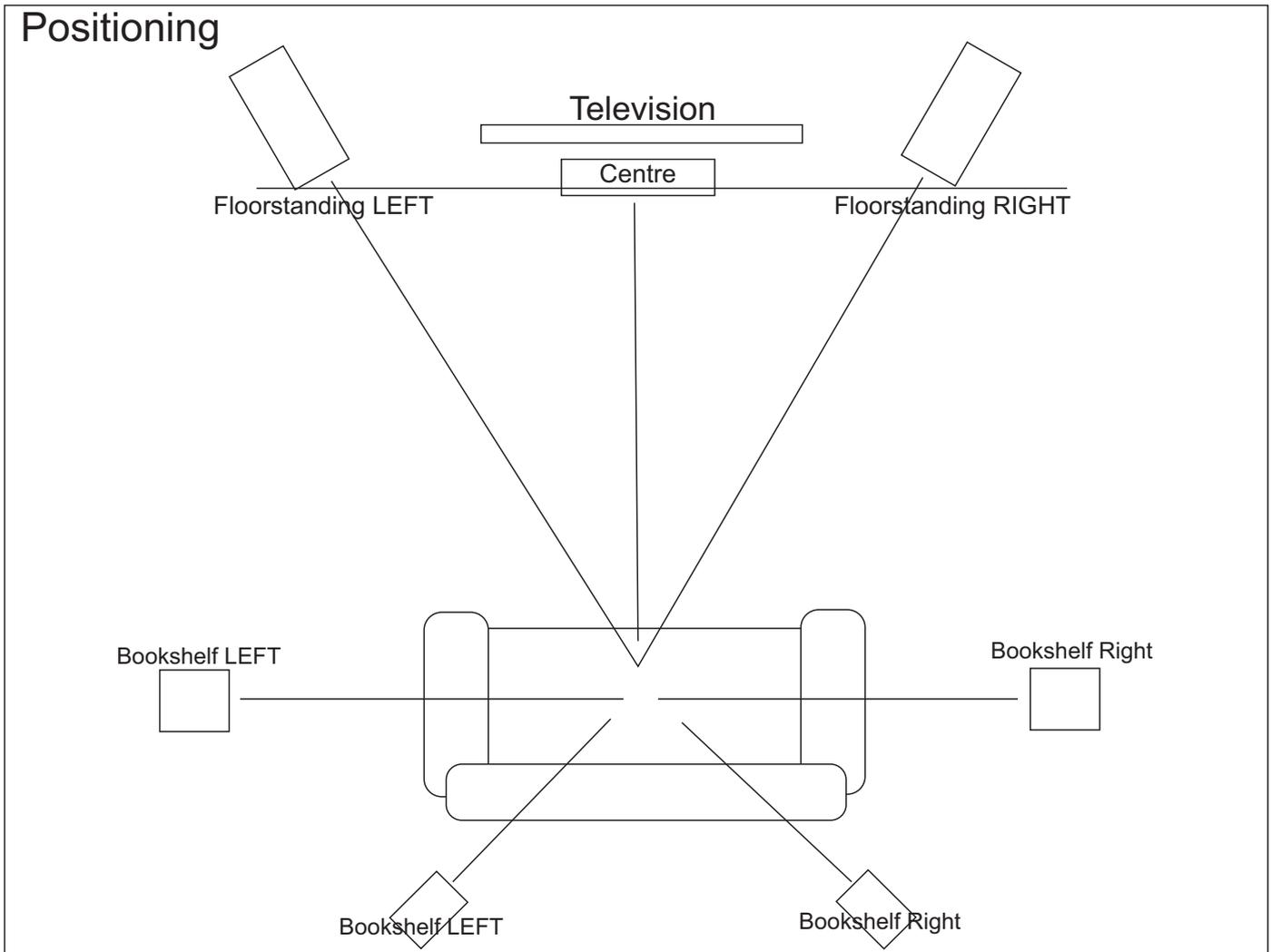
Place each plinth into the corresponding adaptor at the bottom of the speaker. Tighten it into adaptor via clock wise turn.

FS-110 / 120 / 150 is intended for placement on the floor (floorstanding speakers).

FR-100 is intended to be mounted to the wall or be placed on a stand or shelf. At least 1 meter high from the floor.



The speakers are intended to be floor mounted only. It is important to ensure that the speakers stand firmly on the floor using the spike feet supplied whenever possible.



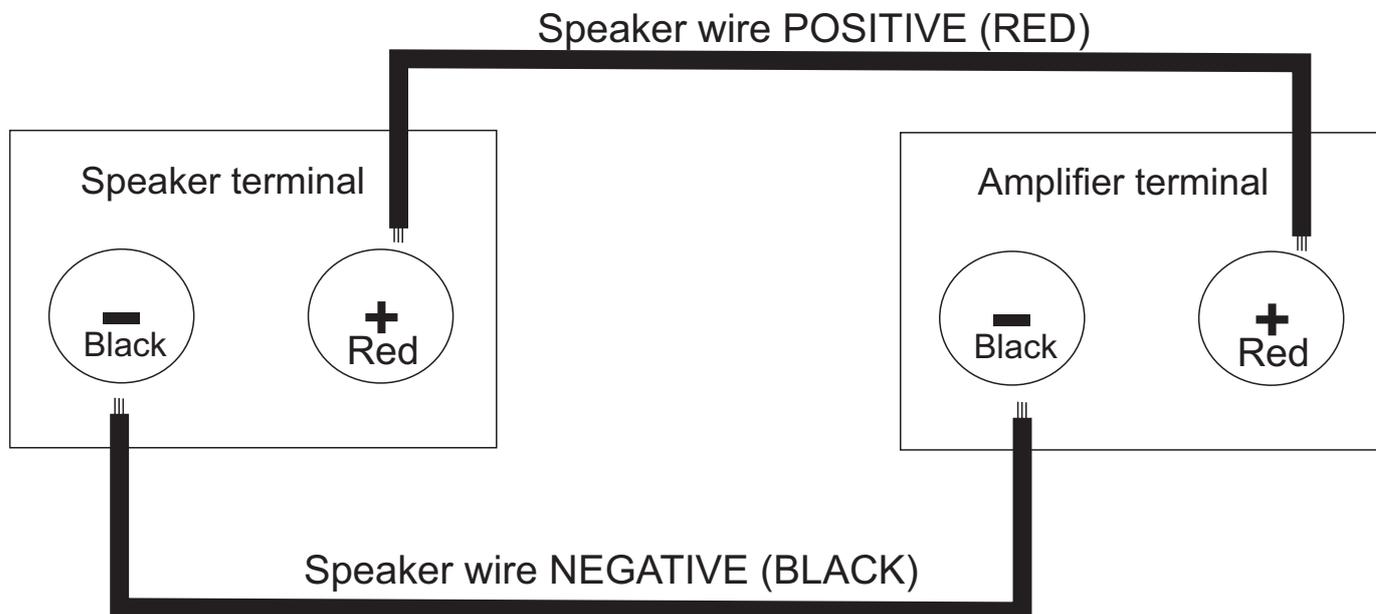
Adjustment of speaker position following initial installation will probably further improve the sound quality and is usually worthwhile.

Always try to ensure that the immediate surroundings of each speaker are similar in acoustic character. For example, if one speaker is adjacent to a bare wall while the other is adjacent to a curtain, the overall sound quality and the stereo image are likely to be different. Whenever possible try to always match the placement of the speakers.

Connecting the speakers

Ensure that the positive terminals (marked + and coloured RED) on the speaker are connected to the positive output terminal on the amplifier and the negative terminals on the speaker (marked – and coloured black) are connected to the negative output terminal on the amplifier.

Incorrect connection will result in poor acoustics and loss of bass because of incorrect phasing.



Burning / Running in :

The dynamics of the speaker will usually change during the initial first few days, if the speaker has been stored in a cold environment, the damping compounds and suspension materials of the drive units will take some time to seat to their correct positions. The drive unit suspensions will also loosen up during the first few hours of use.

The time taken for the speaker to achieve its intended performance will vary depending on conditions and how it is used.

As a guide, allow up to 2 days for the temperature effects to stabilise and 8 hours of average use for the mechanical parts to attain their intended design characteristics.

Cleaning / caring :

The surface of the cabinets will usually only require dusting. If you wish to use a liquid based cleaner, dampen the cleaner onto the cloth, not directly onto the product and test a small area first, as some cleaning products may damage some of the surfaces.

We recommend you use clean water or a diluted soap solution. Avoid abrasive products!

Do not use cleaning agents on the drive units and avoid touching them and pushing them, as damage may result.

Keep the front grille covers on when kids are around, for some strange reason young ones love to push the tweeter silk dome housings with their fingers.

Specifications :

Model	Type	Drivers	Frequency Range	Sensitivity	Impedance	Power	Dimension / Weight
FR-100	2-way	5" Aluminium / Magnesium Midbass 1" Soft Dome tweeter	45 - 40000hz	89db	6 Ω	10W - 100W	180x 255 x 320 6kg each
FS-110	2.5-way	2 x 6" Aluminium / Magnesium Midbass 1" Soft Dome tweeter	45 - 40000hz	89db	6 Ω	20W - 140W	200 x 262 x 850 15kg each
FS-120	3-way	2 x 6" Aluminium / Magnesium Midbass 1 x 5" Dedicated Vocal Aluminium Mid 1" Soft Dome tweeter	35 - 40000hz	89db	6 Ω	30W - 160W	200 x 312 x 1000 23kg each
FS-150	3-way	2 x 8" Aluminium / Magnesium Midbass 1 x 5" Dedicated Vocal Aluminium Mid 1" Soft Dome tweeter	25 - 40000hz	89db	6 Ω	30W - 180W	245 x 362 x 1200 32kg each
FC-150	3-way	2 x 4"Alumiium Midbass 2 x 4" Full range dedicated vocal 1 x 1" Soft Dome tweeter	55 - 40000hz	89db	6 Ω	20W - 120W	