

USER MANUAL

ENGLISH

UNPACKING

Open the box and remove all staples, then carefully take the speaker out of the box. When unpacking, if you notice any defects on any of the drivers or the cabinet, you should contact your dealer.

Before disposing the packaging, check that nothing is left inside.

CONNECTIONS

For optimal sound reproduction, we suggest that you choose a loudspeaker cable of high quality to connect your amplifier to your TRIANGLE loudspeakers. TRIANGLE's high definition OFC cable will guarantee an excellent result. You should use cables of the same length for the left and right channels and take special care to respect the + and - polarity for each channel.

ATTENTION: If one of the speakers is placed next to a television, color settings may be affected by the speaker's magnetism. Keep a minimum distance of 1m.

Bi-amplification and bi-wiring

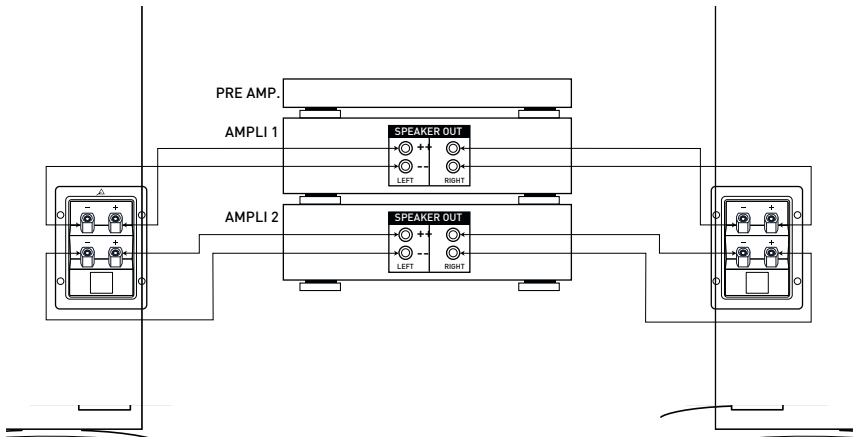
For those wishing to improve their listening system further, it is possible to use bi-amplification or bi-wiring.



With bi-amplification, interference between the woofers and other drivers is totally eliminated, as each one is driven by its own amplifier. It is compulsory to use identical amplifiers to conserve the uniformity of the loudspeaker.

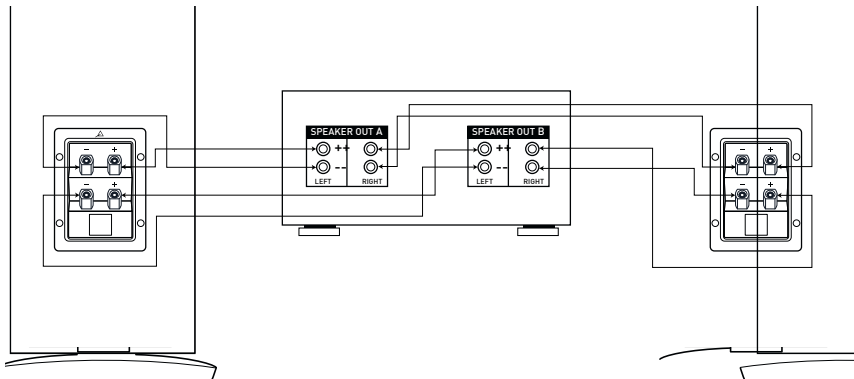
To do this, remove the terminal jumpers and use two stereo amplifiers. On the speakers, the upper terminals are the signal inputs for midrange and treble. The lower terminals are the signal inputs for bass. Use one amplifier to feed the bass, and the second for the midrange and treble (see the diagram below).

A



B

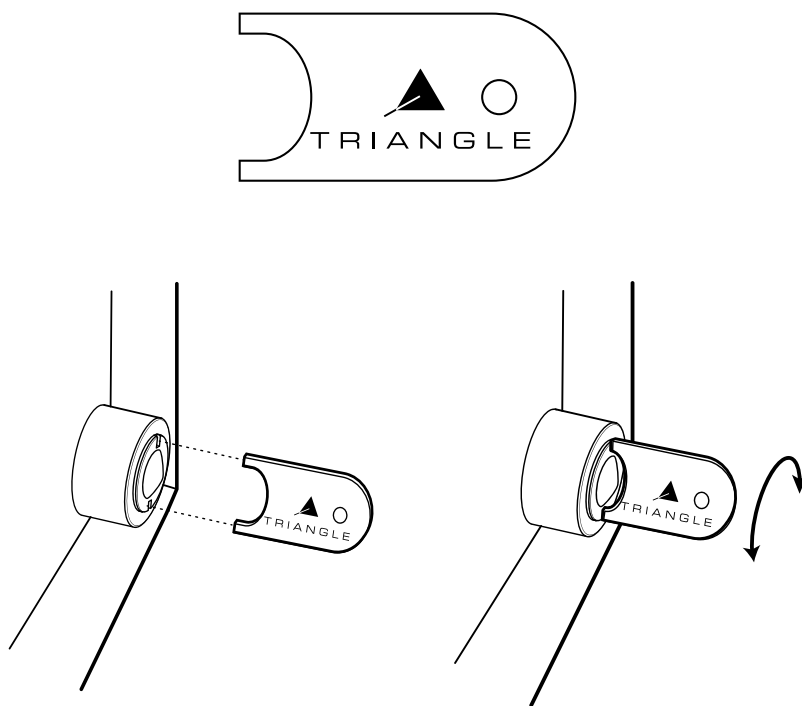
Instead of two amplifiers, you can use a single amplifier if it is equipped with two sets of speakers A and B. Both sets should be selected. **This is bi-wiring and not bi-amplification.**



SPIKES ADJUSTMENT

If you have a concern for verticality of your Signature speaker because of a non-flat floor, it is possible to adjust the verticality by screwing or moving the rear points located under the base (see diagram below).

We encourage you to take the utmost care in handling the speaker.



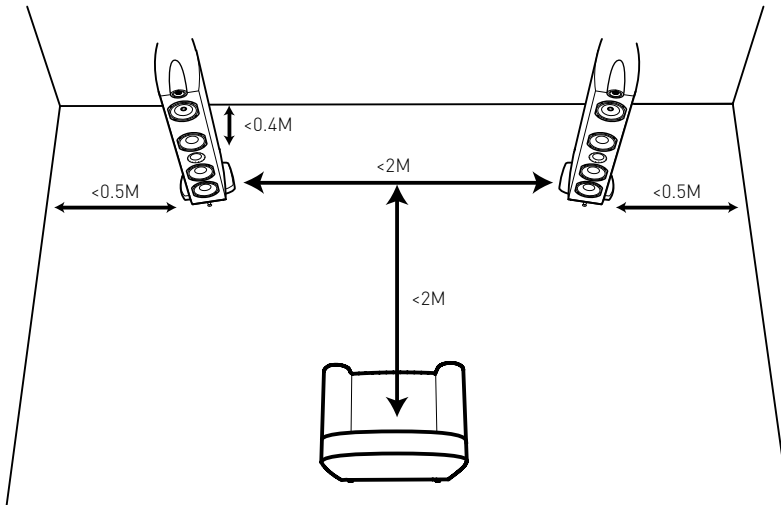
POSITIONING FOR STEREO

Signature range speakers are easy to position. The bookshelf speaker can be set up in different ways : on bookshelves, on a desk, on the floor or a suitable support for example.

When positioning your loudspeakers, apply the following rules:

- Avoid rooms with too much reverberation, such as tiled rooms without carpets or curtains.
- Your listening position should not be too close to the loudspeakers, leave a minimum of 2m.
- The distance between the speakers should be a minimum of 2 m for a good stereo effect.
- If possible, place the speakers so that sound is «diffused» lengthwise within the room.
- Avoid placing the speaker in corners; they should be at least 40 cm away from the back wall and at least 50cm from the sidewalls. Generally, a position close to the rear wall increases the response in the low frequencies (and reduces the imaging) and contrariwise, a position far from the back wall reproduces a wide and deep sound image.

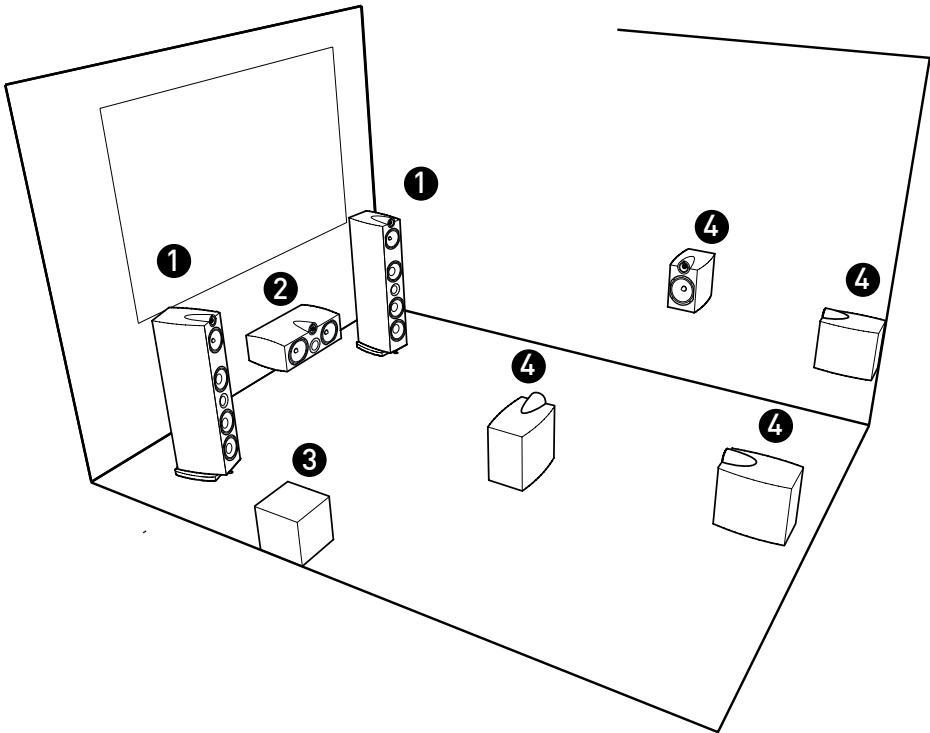
Carry out several test positions to find the best room set-up.



POSITIONING FOR HOME CINEMA

A typical home cinema installation includes:

- **1** Two main speakers, left and right (Alpha / Delta)
- **2** A center speaker (Gamma)
- **3** One or several **subwoofers**
- **4** Several **surround speakers (Theta)** : signal 5.1 : 2 rear speakers / signal 6.1 : 3 rear speakers / signal 7.1 : 4 rear speakers.



To place the main speakers in the best position, follow the same rules as for a stereo installation (see previous paragraph on stereo positioning) :

- ▶ The center speaker should be placed along the line formed by the two main speakers.
- ▶ For home cinema setups, a subwoofer is highly recommended in order to reproduce the special bass effects channel featured on supports such as audio or video DVDs. The positioning of the subwoofer is not critical if you select a crossover frequency below 80Hz. Above this frequency, it is better to move the subwoofer closer to the main speakers - the best position being in between the two speakers. Ensure that it is not placed in the corner of the room to avoid creating unpleasant resonances.
- ▶ We recommend that you place the rear speakers at 1.5 to 2m of height. Their role is to reproduce surround sound; the listener should not be able to locate them and they should not be placed at ear level.
- ▶ If you use bookshelf speakers for your home cinema setup, we recommend to place the amplifier on «SMALL» in order to restrict the bass.

You will find further instructions for configuring your installation in your A/V amplifier owner's manual.

CHOOSING THE AMPLIFIER

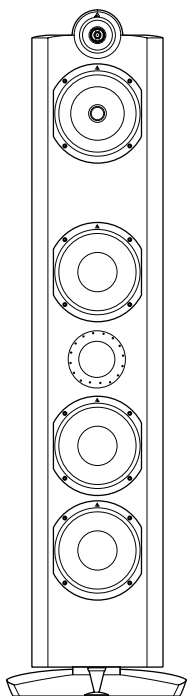
For optimal results, it is important to choose a good quality amplifier with sufficient power. It is preferable to use a powerful amplifier within reasonable limits, with less risk of distortion, than demanding too much from a less powerful amplifier, which will ultimately clip and seriously risk damaging your loudspeakers. Finally, remember that a volume dial set at medium position does not mean that the amplifier is at «medium» power. It mainly depends on input sensitivity and source output level.

For further information concerning your system, please consult our website:

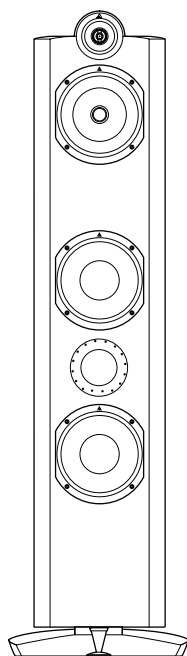
www.trianglehifi.com

GAMME SIGNATURE / SIGNATURE RANGE

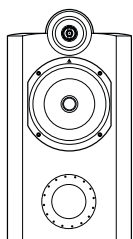
| Spécifications techniques Technical specifications | ALPHA | DELTA | GAMMA | THETA |
|--|------------------|------------------|-----------------|-----------------|
| Type | Bass Reflex | Bass reflex | Bass Reflex | Bass Reflex |
| Nombre de voies System format | 3 | 3 | 2 | 2 |
| Sensibilité (dB/W/m) Sensitivity | 92 | 92 | 91 | 90 |
| Bande passante (+/- 3dB) Bandwidth | 32Hz-20 KHz | 35Hz-20 KHz | 50Hz-20 KHz | 45Hz-20 KHz |
| Puissance admissible Power handling | 140W Rms | 120W Rms | 90W Rms | 90W Rms |
| Impédance minimum Minimum impedance | 3.3 ohms | 3.2 ohms | 4 ohms | 4.4 ohms |
| Dimensions ébénisterie (mm) External dimensions | 1270 x 233 x 372 | 1170 x 233 x 372 | 260 x 582 x 381 | 465 x 233 x 372 |
| Dimensions avec pied (mm) Dimensions with pedestal | 1330 x 233 x 372 | 1230 x 233 x 372 | - | - |
| Poids de l'enceinte Net weight | 34.7 kg | 33 kg | 14.4 kg | 11.55 kg |



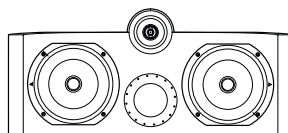
ALPHA



DELTA



THETA



GAMMA



TRIANGLE

MANUFACTURE ELECTROACOUSTIQUE