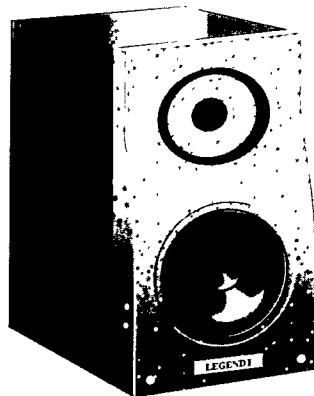
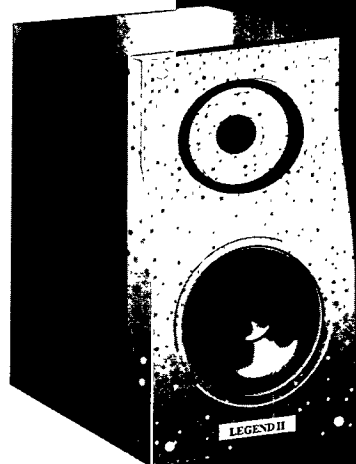


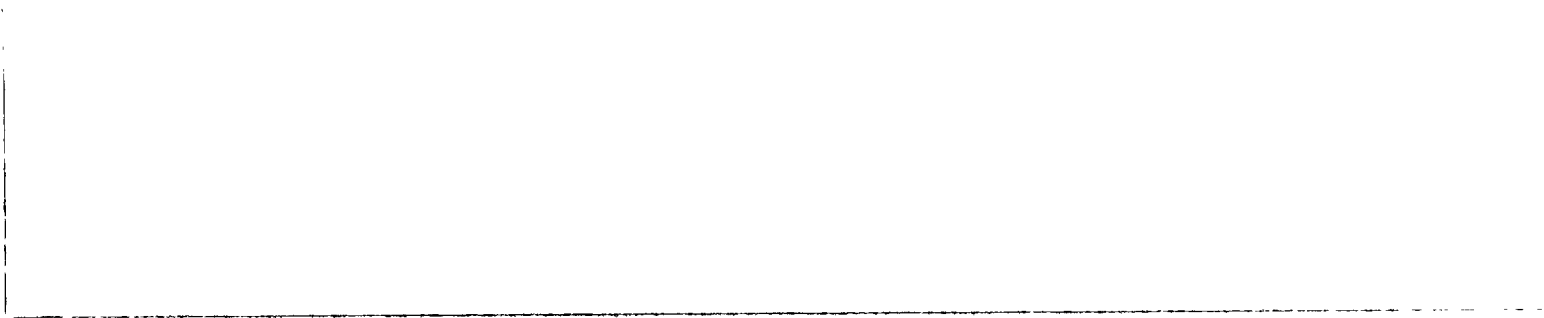
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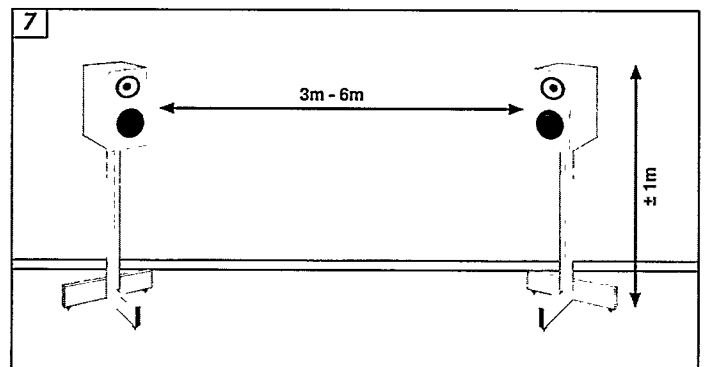
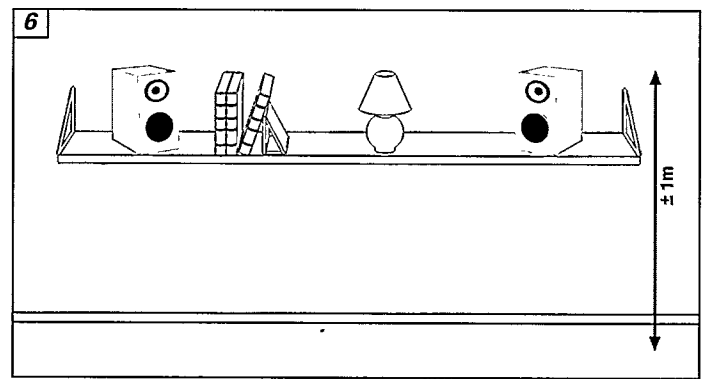
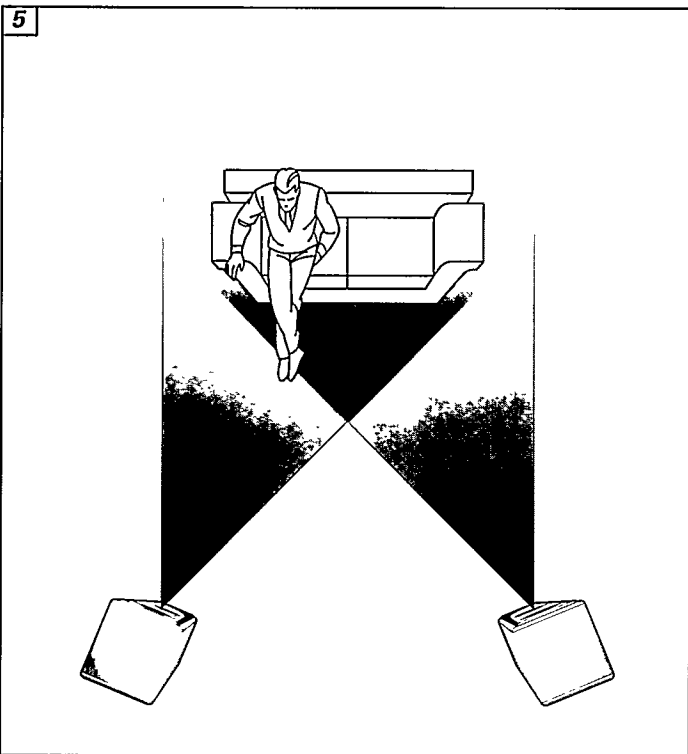
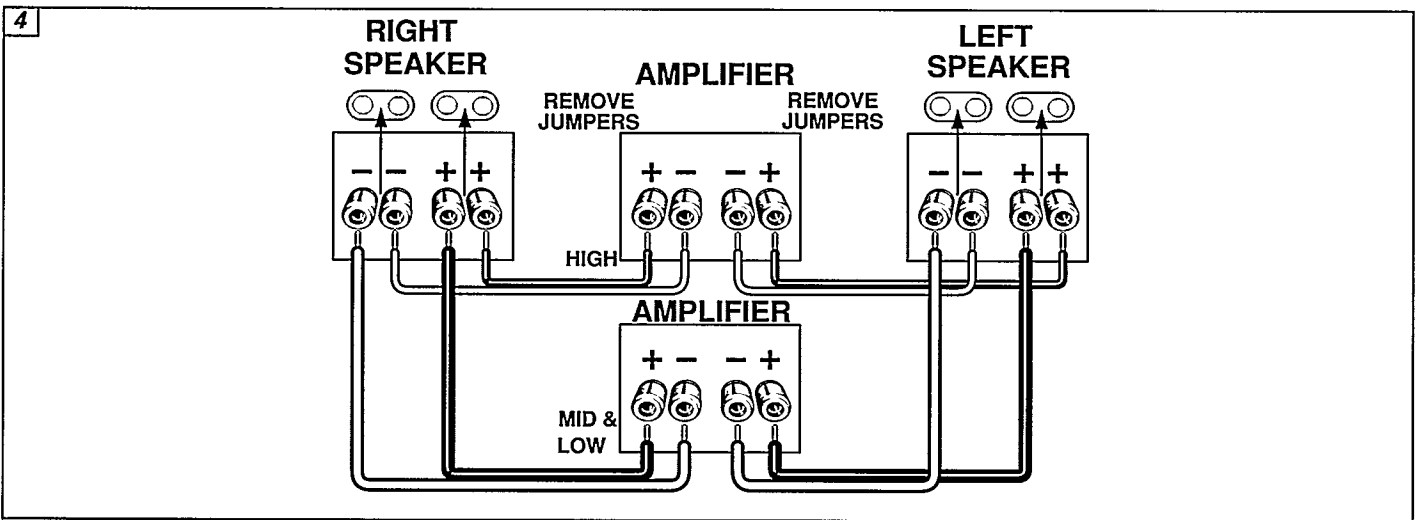
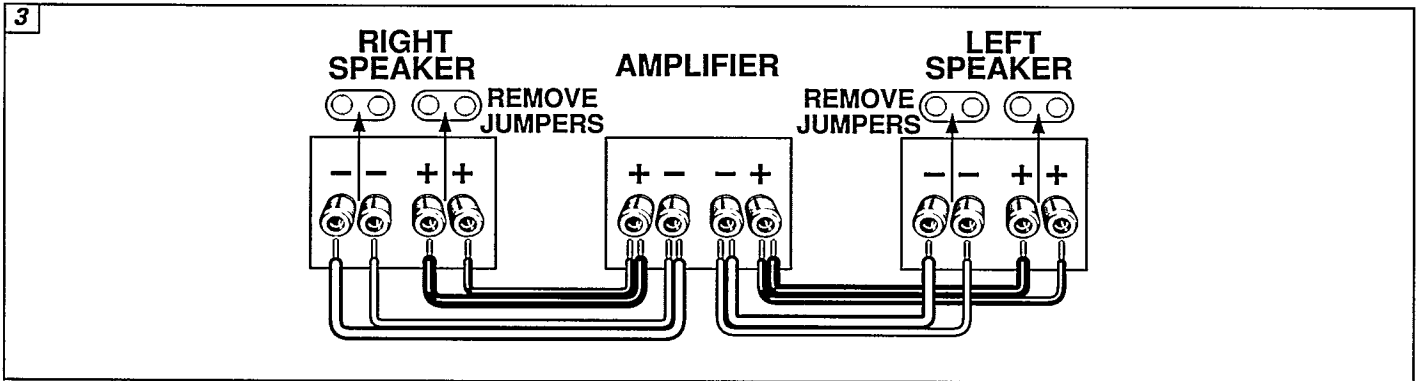
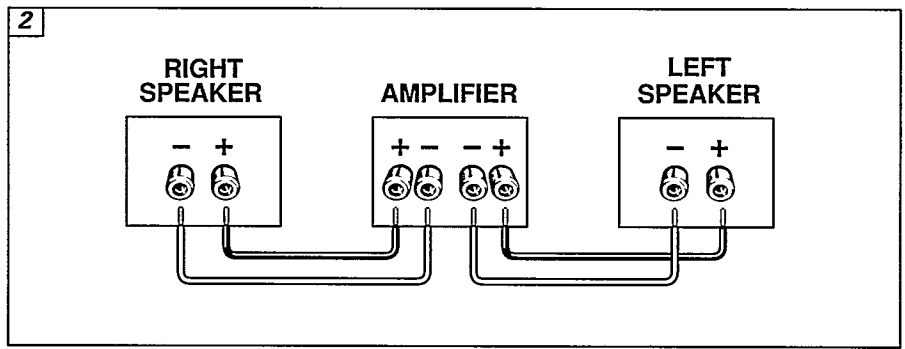
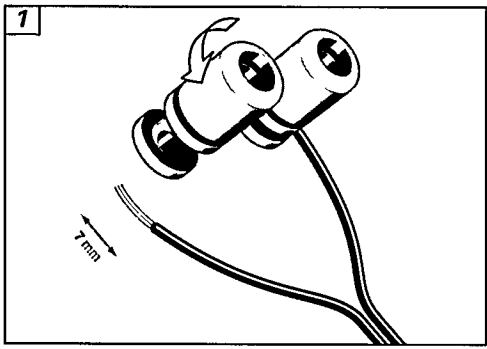
Book shelf Loudspeakers



FB 710







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INTRODUCTION

We would like to thank you for purchasing these loudspeakers from the Legend range. These speakers have been developed to produce superb sound for many years. Please read this manual carefully before connecting your speakers. You will find a number of tips for getting the best out of these high-quality speakers.

CONNECTIONS LEGEND I AND LEGEND II

Note: Check that your amplifier is switched off.

• Loudspeaker cable

Preferably use a special loudspeaker cable with a diameter of at least 1.5 mm² (see also: 'ACCESSORIES'). One of the two wires should be marked so that you can distinguish between them. Strip off the insulation from the end of each of the two wires (approx. 7 mm, see fig. 1)

• Amplifier

At the rear of the amplifier you will find a red (+) terminal and a black (-) terminal for each loudspeaker (Left/Right). Connect the marked wire to the red (+) terminal, and the non-marked wire to the black (-) terminal of the amplifier.

• Loudspeakers

At the rear of the loudspeakers you will find the screw connectors, marked (+) and (-). Connect the marked wire to the (+) terminal, and the non-marked wire to the (-) terminal of the loudspeaker (see fig. 2).

CONNECTIONS LEGEND III

• The LEGEND III loudspeaker can be connected in three different ways:

- A. Conventional wiring;
- B. Bi-wiring;
- C. Bi-amplification.

• A. Conventional wiring:

Follow the connection instructions of the LEGEND I and II. You will find that you have four connectors at the back of your loudspeakers and that the plus connectors and the minus connectors are connected with a jumper.

• B. Bi-wiring connection:

This connection consists of two pairs of wires connected per speaker, one carrying the bass/mid signal, the other pair the high frequencies. This results in a lower dynamic distortion and a more detailed sound picture. Connect the loudspeakers as in *Figure 3* and make sure that all the plusses and minusses are connected correctly. Make sure that you remove the metal jumpers from the speaker terminals.

• C. Bi-amplification connection:

To improve the effect of bi-wiring, you may use two amplifiers; one to drive only the bass/mid speakers for left and right and one amplifier to drive the high drivers. Connect the loudspeakers according to *figure 4*. Make sure that the phasing is correct and here also do not forget to remove the jumpers from the speaker terminals.

POWER HANDLING

All amplifiers used over a long period of time at high power can produce distortions which may seriously damage your speakers. Your ears will tell you when this is the case. The speakers will promptly indicate overloading by giving severe distortion. In such case make sure that the tone control and the volume are reduced to a level where the sound is acceptable again. **Remember:** loudspeakers are most often damaged by being overdriven by under-powered amplifiers.

POSITIONING

- The loudspeakers should be arranged so that, viewed from the listener's position, the loudspeaker connected to the 'Left' terminals is on the left and the loudspeaker connected to the 'Right' terminals is on the right in front of the listener in the room. This can be checked with the balance control on the amplifier.
- The loudspeakers should be arranged as symmetrically as possible in the room and at the same height. The best height for listening when you are seated is when the high tone speaker (tweeter) is at the height of your ears while seated.
- The LEGEND I, II And III are so-called book shelf speakers. They can best be used on a stand or on a bookshelf (see *figures 6 and 7*). They should not be put directly on the floor.
- The best stereo effect is obtained when the distance between the two loudspeakers is equal to the distance between each of the loudspeakers and the listener, so that the listener and the loudspeakers form an equilateral triangle (see *fig. 5*).
- Avoid positioning the loudspeakers in a corner as this causes bass reproduction to be amplified too much.
- Do not place any obstacles in front of the loudspeakers as this affects the high tone reproduction, thus reducing the stereo effect considerably. The listener should still be able to 'see' the loudspeakers.
- Each room has different acoustic characteristics and the positioning possibilities are often limited. You can find the best position for your loudspeakers by experimenting.

ACCESSORIES

- FV 115: Loudspeaker stand (packed in pairs).
- SBC 1310: High quality speaker cable, 6 m.
- SBC 1311: High quality Bi-wiring, Bi-amping speaker cable, 6 m.
- SBC 1315: Super high-grade speaker cable, 6 m.
- SBC 1320: 4x banana with beryllium gold-plated contacts (for use with SBC 1310/11).
- SBC 1321: 4x banana with beryllium gold-plated contacts (for use with SBC 1315).

TECHNICAL SPECIFICATIONS

	LEGEND I	LEGEND II	LEGEND III
CONTINUOUS POWER:	50 Watt	75 Watt	75 Watt
MUSIC POWER:	90 Watt	120 Watt	120 Watt
SYSTEM IMPEDANCE:	6 Ohm	6 Ohm	6 Ohm
SENSITIVITY:	88 dB	90 dB	90 dB
CROSSOVER FREQUENCY:	4500 Hz	3700 Hz	3700 Hz
WOOFER:	130 mm Glassfibre	180 mm Glassfibre	180 mm Glassfibre
TWEETER:	18 mm Polygrid - dome	25 mm Polygrid - dome	25 mm Polygrid - dome
SYSTEM:	2-way Bass Reflex	2-way Bass Reflex	2-way Bass Reflex
DIMENSIONS(W X H X D):	182 x 305 x 215 mm	206 x 366 x 306 mm	206 x 366 x 306 mm
VOLUME INT./EXTERNAL:	7.5/12 litre	15/23 litre	15/23 Litre
MATERIAL CABINET:	16 mm H2	16 mm H2	16 mm H2
MATERIAL BAFFLE:	PMC	PMC	PMC
FINISH:	Black foil	Black foil	Wood Veneer
FRONT:	Detachable cloth	Detachable cloth	Detachable cloth
WEIGHT:	5.5 Kg.	7.5 Kg.	7.5 Kg.
CONNECTION:	Screw connectors, banana	Screw connectors, banana	Screw connectors, banana, bi-wiring

NOTES



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