

RADIANCE SERIES INSTRUCTION MANUAL



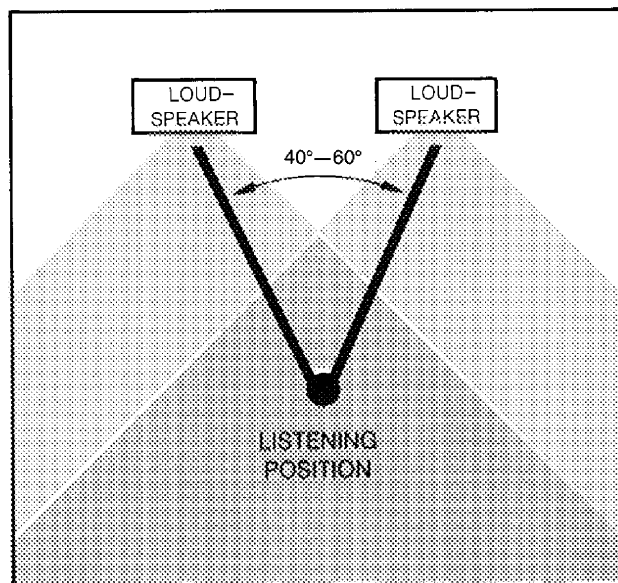
Thank you for purchasing a JBL product. Your new Radiance Series loudspeakers will provide many years of pleasurable performance. The brief instructions in this manual explain proper placement and connections to help you get maximum enjoyment from your Radiance loudspeaker system.

PLACEMENT

For the best stereo reproduction, the two loudspeaker systems should be equally distant from your listening position and separated so that the angle between them, at the listening position, is 40° to 60° (see illustration).

Placing the loudspeakers on the floor, particularly in a corner or against a wall, will result in the strongest (but not necessarily the most accurate) bass. Locating the loudspeakers on stands or bookshelves will often provide a more natural bass and, because the high frequency drivers are more nearly at ear level, better stereo imaging.

Every room is different; experiment with placement for the best sound in your situation.

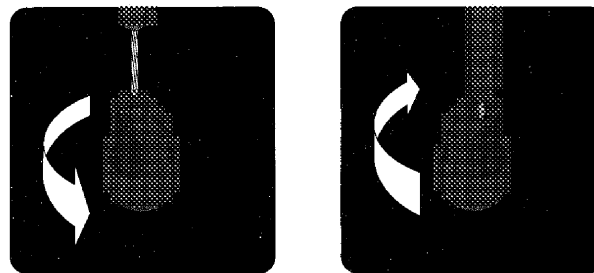


CONNECTIONS

To connect the loudspeaker systems to the receiver or amplifier, we recommend ordinary lamp cord, sold in hardware stores as 1 mm or #18 AWG insulated wire.

The terminals on the back of the loudspeaker enclosure permit quick and sure connections. Strip approximately 20 mm ($\frac{3}{4}$ in) of the insulation from the end of the wire and twist the strands together. Turn the terminal fully counterclockwise, insert the wire, then turn the terminal clockwise until

the wire is secured. Rotate the terminal by hand and do not force it (see illustration).



For each system, the red terminal on the loudspeaker should be connected to the red or (+) loudspeaker connection terminal on the receiver, and the black terminal on the loudspeaker should be connected to the black or (-) terminal on the receiver. Connecting the loudspeakers in this manner ensures that they will be in phase: that is, work together rather than in opposition. Connecting the loudspeakers out of phase will not damage them, but will result in less bass and poor imaging. Lamp cord usually has a ridge on one of its insulating jackets so that you can easily identify which wire is connected to which terminal.

The three-position switch on the rear panel above the connection terminals varies the high frequency output to suit your room or listening preferences. The "normal" position provides the most accurate response in the average room. The "increase" position should produce a more natural sound in an acoustically absorptive room (carpets, drapes, overstuffed furniture), while the "decrease" position will be better for a reflective room (bare floors and walls). Adjust the controls for the best sound to your ears.

HIGH FREQUENCY LEVEL CONTROL (MODELS 702VX AND 902VX)

The walnut-grained vinyl finish of the enclosure resists most stains; simply wipe them off with a damp cloth or sponge. The metallized Mylar-vinyl laminate surface of the baffle panel (behind the removable grille) should likewise be cleaned only with a damp cloth. The grille may be gently vacuumed, and stains can be removed with *K2r* or a similar aerosol cleaner, following the manufacturer's instructions. Do not use any solvents on the grille, enclosure surface, or baffle.

The grille is held in place by dowel pins near the corners of the enclosure. To remove it, grasp it by both top or both bottom edges and pull gently. To replace the grille, reposition it on the dowel pins and press gently at the corners. One of the dowel

GENERAL CARE

pins is offset to ensure correct grille orientation. Do not push on the center part of the grille.

Should your loudspeaker system ever need service, return it to the JBL dealer from whom it was purchased. If for some reason this is impractical, write directly to the JBL Customer Service Department, describing the problem as fully as possible.

SPECIFICATIONS	502VX	702VX	902VX
Low Frequency Loudspeaker	200 mm (8 in) diameter	250 mm (10 in) diameter	300 mm (12 in) diameter
Midrange Loudspeaker	—	130 mm (5 in) diameter	130 mm (5 in) diameter
High Frequency Loudspeaker	75 mm (3 in) diameter	75 mm (3 in) diameter	75 mm (3 in) diameter
Crossover Frequency	2000 Hz	600 Hz, 3000 Hz	600 Hz, 3000 Hz
Nominal Impedance	4 Ω	4 Ω	4 Ω
Recommended Amplifier Power Range	10-80 watts continuous sine wave per channel	10-150 watts continuous sine wave per channel	10-200 watts continuous sine wave per channel
Dimensions	546 mm x 343 mm x 284 mm deep 21½ in x 13½ in x 11⅞ in deep	648 mm x 404 mm x 284 mm deep 25½ in x 15⅞ in x 11⅞ in deep	699 mm x 434 mm x 326 mm deep 27½ in x 17⅞ in x 12 1/16 in deep
Net Weight	12.5 kg (27.5 lb)	17.3 kg (38 lb)	20.2 kg (44½ lb)

JBL continually engages in research related to product improvement. New materials, production methods, and design refinements are introduced into existing products without notice as a routine expression of this philosophy. For this reason, any current JBL product may differ in some respect from its published description but will always equal or exceed the original design specifications unless otherwise stated.

