

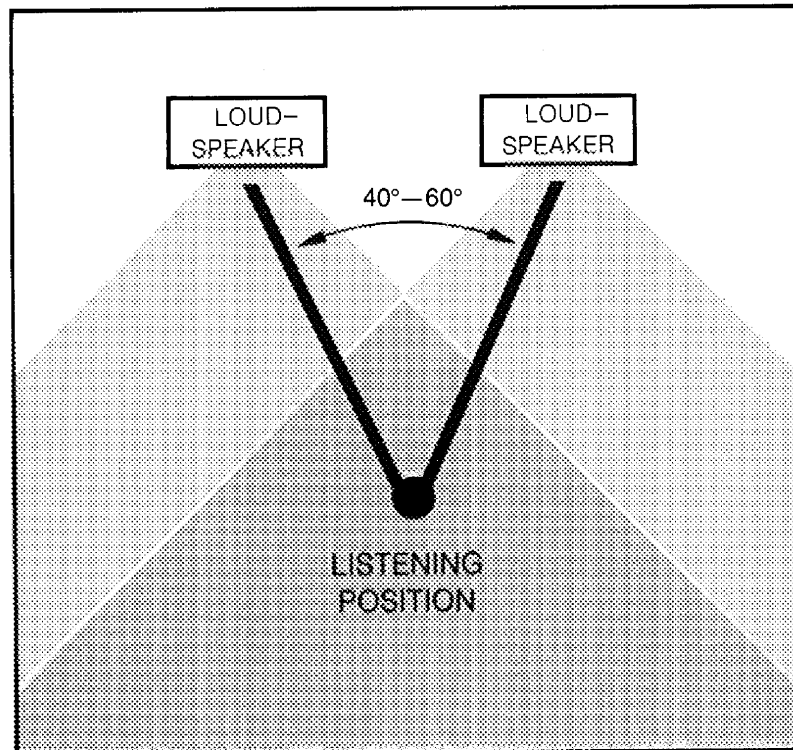
RADIANCE 905VX INSTRUCTION MANUAL



Thank you for purchasing a JBL product. Your new Radiance Series loudspeakers will provide many years of fine performance. The brief instructions in this manual explain proper placement and connections to help you get maximum enjoyment from the Radiance 905VX.

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).



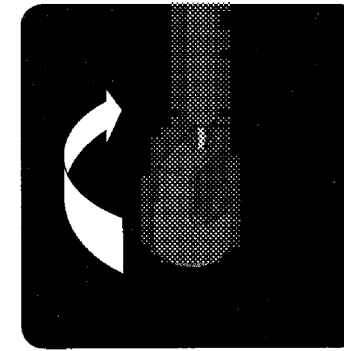
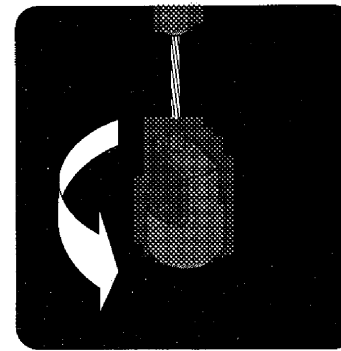
Placing the loudspeakers in a corner or against a wall will result in the strongest (but not necessarily the most accurate) bass. Every room is different; don't hesitate to experiment with placement to get the best sound in yours.

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. If the distance between your receiver and the speakers is greater than 8 m (25 ft), use 1.3 mm (#16 AWG) wire instead.

The terminals on the back of the loudspeaker enclosure permit quick and secure 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, and 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 con-



nection 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 it 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.

Separate level controls on the front panel (behind the removable grille) let you adjust the midrange and high frequency output to suit your particular taste or room acoustics. Using familiar recordings, adjust the controls for the best sound to your ears. Once you've decided on the best settings, further adjustments for individual recordings should be made with the tone controls on your receiver or amplifier.

LEVEL CONTROLS

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.

GENERAL CARE

The grille is held in place by dowel pins near the edges. 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. 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. Products returned to the factory must be sent prepaid to JBL Customer Service Department, 8500 Balboa Boulevard, Northridge, California 91329, U.S.A.

SPECIFICATIONS

Low Frequency Loudspeaker	250 mm (10 in) diameter
Passive Radiator	250 mm (10 in) diameter
Midrange Loudspeaker	130 mm (5 in) diameter
High Frequency Loudspeaker	75 mm (3 in) diameter
Crossover Frequencies	600 Hz, 3 kHz
Nominal Impedance	4 ohms
Sensitivity (SPL at 1 metre with a 1-watt input)	88 dB
Recommended Amplifier Power Range	10-150 watts continuous sine wave per channel
Dimensions	959 mm x 413 mm x 324 mm deep 37 ³ / ₄ in x 16 ¹ / ₄ in x 12 ³ / ₄ in deep
Net Weight	27 kg 59 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.



James B. Lansing Sound, Inc.,
8500 Balboa Boulevard, Northridge, California 91329 U.S.A.