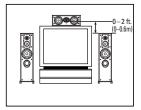
## SPEAKER PLACEMENT

Proper placement of the speakers is an important step in obtaining the most realistic soundstage possible. These recommendations are for the optimum placement of the loudspeakers. Use these placement recommendations as a guide. Slight variations will not diminish your listening pleasure.

The Performance™ Series loudspeakers referred to in this guide are video-shielded and can safely be placed near a television.

### **MODELS: P25, P35**



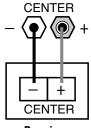
The P25 and P35 center channel loudspeakers are designed to complement all of the Performance™ Series loudspeakers. It is the ideal way to re-create the cinematic experience in your home.



OWNER'S GUIDE

## SPEAKER CONNECTIONS

### MODELS: P25, P35



### Receiver Speaker Outputs

Speakers and electronics terminals have corresponding (+) and (-) terminals. It is important to connect both speakers identically: (+) on the speaker to (+) on the amplifier and (-) on the speaker to (-) on the amplifier. Wiring "out of phase" results in thin sound, weak bass and poor imaging.

To use the binding-post speaker terminals, unscrew the colored collar until the pass-through hole in the center post is visible. Insert the bare end of the wire through this hole; then screw the collar down until the connection is tight.

The hole in the center of each collar is intended for use with banana-type connectors. To comply with European CE certification, these holes are blocked with plastic inserts at the point of manufacture. To use banana-type connectors requires the removal of the inserts. Do not remove these inserts if you are using the product in an area covered by the European CE certification.

### MODELS: P25, P35

The supplied self-adhesive rubber feet may be attached to the bottom corners of your speakers to protect your furniture.

## **TROUBLESHOOTING**

## If there is no sound from any of the speakers:

- Check that receiver/amplifier is on and that a source is playing.
- Review proper operation of your receiver/amplifier.

### If there is no sound coming from one speaker:

- Check the "Balance" control on your receiver/ amplifier.
- Check all wires and connections between receiver/ amplifier and speakers.
- Make sure no wires are touching other wires or terminals and creating a short circuit.
- Make sure all wires are connected. Make sure none of the speaker wires are frayed, cut or punctured.
- In Dolby® Digital or DTS® modes, make sure that the receiver/processor is configured so that the speaker in question is enabled.
- . Turn off all electronics and switch the speaker in question with one of the other speakers that is working correctly. Turn everything back on, and determine whether the problem has followed the speakers, or has remained in the same channel. If the problem is in the same channel, the source of the problem is most likely with your receiver or amplifier, and you should consult the owner's manual for that product for further information. If the problem has followed the speaker, consult your dealer for further assistance or, if that is not possible, visit www.ibl.com for further information.

### If the system plays at low volumes but shuts off as volume is increased:

- Check all wires and connections between receiver/ amplifier and speakers.
- Make sure all wires are connected. Make sure none of the speaker wires are frayed, cut or punctured.
- If more than one pair of main speakers is being used, check the minimum impedance requirements of your receiver/amplifier.

# If there is no (or low) bass output:

- Make sure the polarities (+ and -) of the left and right "Speaker Inputs" are connected properly.
- Consider adding a powered subwoofer to your system for use with digital ".1" surround formats



## **SPECIFICATIONS**

#### P25

Description

2-Way, dual 5" center

Max. Recommended Amplifier Power\*

150W

Power Handling (Continuous/Peak)

75W/300W

**Nominal Impedance** 

8 Ohms

Sensitivity (2.83V/1m) 90dB

9000

Frequency Response (-3dB)

80Hz – 20kHz

**Crossover Frequency** 

4000Hz

**High-Frequency Transducer** 

3/4" (19mm) Titanium-laminate dome, shielded

**Low-Frequency Transducer** 

Dual 5" (130mm) PolyPlas,™ shielded

Baffle

Low diffraction, IsoPower™

Port

FreeFlow™ flared

Network

Straight-Line Signal Path™ (SSP)

**Terminals** 

Gold-plated, 5-way binding posts

Dimensions (H x W x D)

6-7/8" x 18" x 10" (175mm x 457mm x 254mm)

Weight per Speaker

15.6 lb/7.1kg

**P35** 

Description

3-Way dual 5" center

Max. Recommended Amplifier Power\*

150W

Power Handling (Continuous/Peak)

75W/300W

**Nominal Impedance** 

8 Ohms

Sensitivity (2.83V/1m)

91dB

Frequency Response (-3dB)

75Hz – 20kHz

Crossover Frequency

800Hz. 3200Hz

High-Frequency Transducer

3/4" (19mm) Titanium-laminate dome, shielded

Midrange Transducer

3" (75mm) PolyPlas, shielded

Low-Frequency Transducer

Dual 5" (130mm) PolyPlas,™ shielded

Baffle

Low diffraction, IsoPower™

Port

FreeFlow<sup>™</sup> flared

Network

Straight-Line Signal Path™ (SSP)

**Terminals** 

Gold-plated, 5-way binding posts, bi-wirable

Dimensions (H x W x D)

7-1/4" x 22" x 10-7/16" (185mm x 558mm x 264mm)

Weight per Speaker

22 lb/10kg

JBL and Harman International are registered trademarks, and Performance Series, Pro Sound Comes Home, PolyPlas, IsoPower, FreeFlow and Straight-Line Signal Path are trademarks, of Harman International Industries, Incorporated. Dolby is a registered trademark of Dolby Laboratories.

DTS is a registered trademark of DTS, Inc.

\* The maximum recommended amplifier power rating will ensure proper system headroom to allow for occa sional peaks. We do not recommend sustained operation at these maximum power levels. All features and specifications are subject to change without notice.

#### OWNER'S GUIDE PRO SOUND ¥IRI. **COMES HOME** PRODUCT LINE: PERFORMANCE™ SERIES JBL Consumer Products 250 Crossways Park Drive, Woodbury, NY 11797 MODEL: **P25, P35** 8500 Balboa Boulevard, Northridge, CA 91329 2. route de Tours, 72500 Chateau du Loir, France **DESIGN GOAL:** Bring the thrill of live performance and movie sound to the home environment by calling on JBL's professional engineering leadership. 516.255.4JBL (4525) (USA only) www.jbl.com TWEETER TYPE- Pure-titanium dome with EOSTM waveguide © 2005 Harman International Industries, Incorporated. WOOFER TYPE: Cast-aluminum basket with HeatScape™ motor structure All rights reserved CROSSOVER NETWORK: Straight-Line Signal Path™ (SSP) Part No. 361821-001 **ENCLOSURE DESIGN: Sealed** H A Harman International® Company PROFESSIONAL REFERENCE: Studio Monitor