

SPECIFICATIONS

S36

- Description:** 3-Way 6" horizontal/vertical mirror-image wall-mount/bookshelf loudspeakers
- Maximum Recommended Amplifier Power*:** 150W
- Nominal Impedance:** 8 Ohms
- Sensitivity (2.83V/1m):** 90dB
- Frequency Response (-3dB):** 60Hz – 20kHz
- Crossover Frequencies:** 650Hz, 3000Hz
- High-Frequency Transducer:** 1" Pure-titanium dome, with rubber surround, shielded; Elliptical Oblate Spheroidal™ (EOS) waveguide
- Midrange Transducer:** 4" PolyPlas™ (polymer-coated cellulose fiber) cone, rubber surround, shielded; Linear Field Proximity™ (LFP) bezel
- Low-Frequency Transducer:** 6" PolyPlas™ (polymer-coated cellulose fiber) cone, rubber surround, SFG™ magnetic shorting rings, high-temp oversized Kapton® voice coil, HeatScape™ motor structure, cast-aluminum baskets, shielded
- Baffles:** Low diffraction, IsoPower™
- Enclosure:** Sealed
- Network:** Straight-Line Signal Path™ (SSP)
- Terminals:** All-metal, gold-plated 5-way binding posts
- Dimensions (H x W x D):** 10-1/4" x 14-5/8" x 5"
260mm x 371mm x 127mm
- Weight:** 11 lb/5kg

*The maximum recommended amplifier power rating will ensure proper system headroom to allow for occasional peaks. We do not recommend sustained operation at these maximum power levels. Occasional refinements may be made to existing products without notice but will always meet or exceed original specifications unless otherwise stated.

THANK YOU FOR CHOOSING JBL

For more than 50 years, JBL has been involved in every aspect of music and film recording and reproduction, from live performances to the recordings you play in your home, car or office.

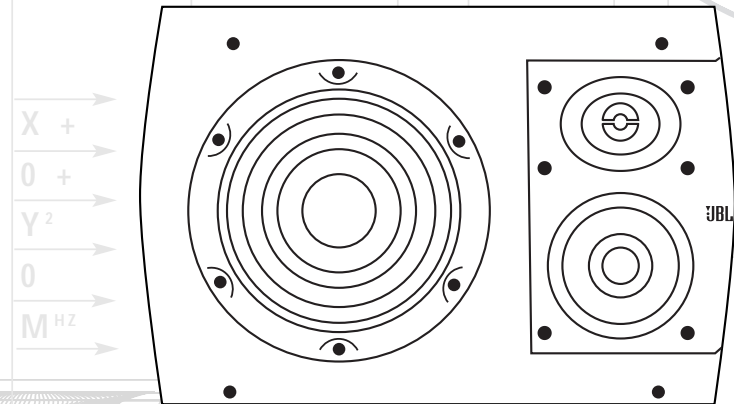
We're confident that the JBL loudspeakers you have chosen will provide every

note of enjoyment that you expected – and that when you think about purchasing additional audio equipment for your home, car or office, you will once again choose JBL.

Please take a moment to complete the enclosed profile card. It enables us

to keep you posted on our latest advancements, and helps us to better understand our customers and build products that meet their needs and expectations.

JBL Consumer Products



X + 0 + Y² 0M HZ "

OWNER'S GUIDE

PRODUCT LINE: STUDIO SERIES

MODEL NUMBER: **S36**

DESIGN GOAL: Bring the thrill of live performance and movie sound to the home environment by calling on JBL's professional engineering leadership.

TWEETER TYPE: Pure-titanium dome with EOS™ waveguide

WOOFER TYPE: Cast-aluminum basket with HeatScape™ motor structure

CROSSOVER NETWORK: Straight-Line Signal Path™ (SSP)

ENCLOSURE DESIGN: Sealed

PROFESSIONAL REFERENCE: Studio Monitor



PRO SOUND COMES HOME™

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SPEAKER PLACEMENT

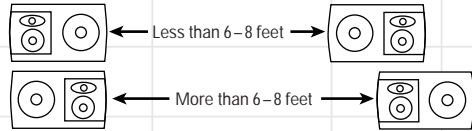
Proper placement of the speakers is an important step in obtaining the most realistic soundstage possible. These recommendations are for the optimum placement of the loudspeakers. Use these placement recommendations

as a guide. Slight variations will not diminish your listening pleasure.

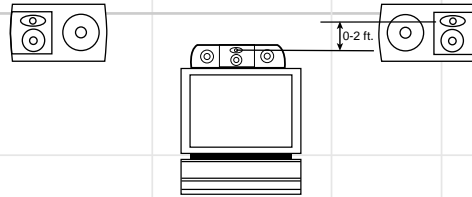
The Studio Series S36 loudspeakers are video-shielded and can safely be placed near a television.

Although these loudspeakers are designed as a mirrored pair, the decision as to which one is left or right will depend on the amount of space left between them.

For stereo-only applications:



For home-theater applications:



The S36 loudspeakers may be positioned on the wall either horizontally or vertically. The grille logo on each speaker may be rotated depending on how the speaker is positioned. Gently pull the logo away from the grille slightly, rotate it to the desired

position, and let go. The logo will snap back into place. When mounted vertically, the tweeter array may be positioned either up or down, depending on the height of the placement. If the speakers will be above ear level, the tweeter array

A wider stereo image is presented with the tweeter/midrange array outboard, and a tighter image is presented with the array inboard.

This placement provides a wide spread in sound, supplemented by the center-channel speaker. should be positioned down, preferably no more than two feet above ear level. If the speakers will be mounted very low, it may be best to position the tweeter array upward so that it will be no more than two feet below ear level.

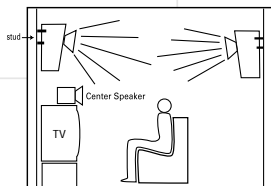
WALL-MOUNTING

The Studio Series S36 loudspeakers may be wall-mounted as either front or rear speakers, horizontally or vertically. The S36 enclosures are specially

designed to angle the speakers toward the listener when mounted flush against the wall.

A template sheet is provided to aid in drilling mounting holes needed for the 4 keyholes on the back of the S36. Always use all 4 keyholes, and try to place at least 2 of the 4 screws into a wooden wall stud. Size 10 screws of at least 1-1/2" in

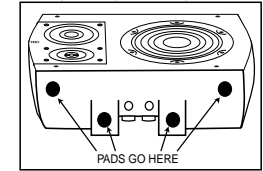
length are recommended. If the screws are used in drywall or other surfaces incapable of holding the screw by itself, selection of proper anchors is essential. The customer is solely responsible for proper selection and installation of screws, anchors and other installation hardware. Further installation details are included on the installation template.



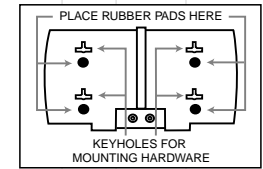
Installation of Self-Adhesive Rubber Pads: If the S36 is to be placed on a surface (such as a table top or shelf) rather than being wall-mounted, the enclosed self-adhesive rubber pads are to be attached to the bottom of the speaker cabinet in their designated recessed locations. If the S36 is to be wall-mounted, then the four self-adhesive rubber pads should be attached to the back of

the speaker, as shown in the bottom right diagram.

The S36 can also be used on floor stands. Please see your JBL dealer for more information.



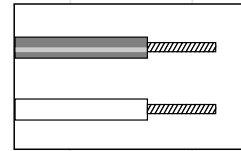
For tabletop or shelf placement



For wall-mounting

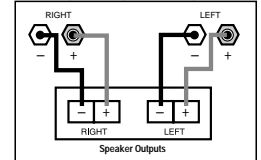
SPEAKER CONNECTIONS

CONNECTION TIPS



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 a poor stereo image. With the advent of multichannel surround sound systems, connecting all of the speakers in your system with the correct polarity



remains equally important in order to preserve the proper ambience and directionality of the program material.

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.
- Make sure all wires are connected. Make sure none of the speaker wires are frayed, cut or punctured.

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 sound coming from one speaker:

- Check the "Balance" control on your receiver/amplifier.
- Check all wires and connections between receiver/amplifier and speakers.

Declaration of Conformity



We, Harman Consumer International
2, route de Tours
72500 Chateau-du-Loir
France

declare in own responsibility, that the loudspeaker described in this owner's manual is in compliance with technical standards:

EN 50081-1:1992
EN 50082-1:1992

Steen Michaelisen
Harman Consumer International
France, 5/00