

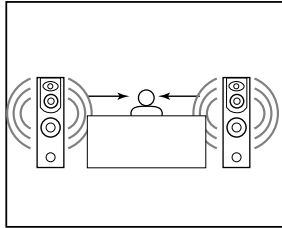
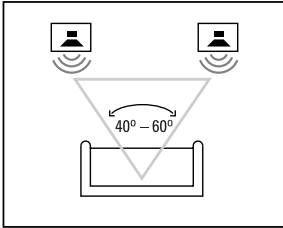
SPEAKER PLACEMENT

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. Aim the tweeter of each loudspeaker toward the listening position at about ear-level height for best imaging, especially in digital surround systems.

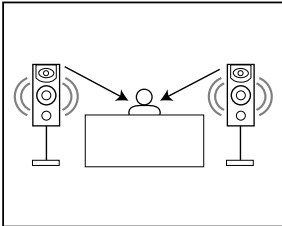
All of the Northridge Series loudspeakers referred to in this guide are video-shielded and can safely be placed near a television.

MODELS: N36II, N38II, ND310II

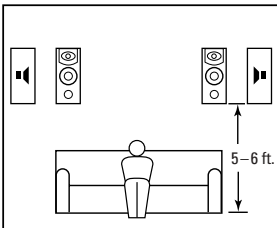
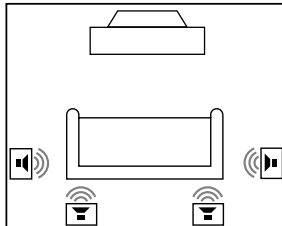


MODELS: N26II, N28II

As Front Speakers



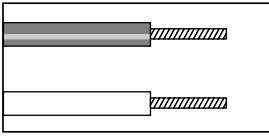
As Surround Speakers



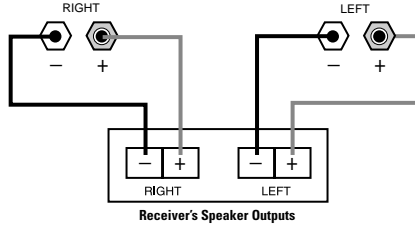
OWNER'S GUIDE

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



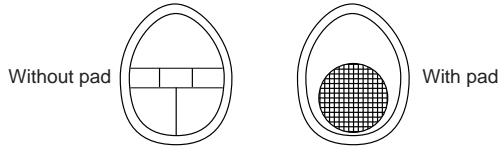
material. To use the binding-post speaker terminals, unscrew the colored collar until the pass-through hole in the center post is visible under the collar. Insert the bare end of the wire through this hole; then screw the collar down until the connection is tight. The hole in the center of each collar 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: N26II, N28II

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

MODELS: N36II, N38II, ND310II



These models are shipped with four self-adhesive nonskid pads that are to be used when the loudspeaker is intended to be placed on a smooth-surfaced floor, such as tile or hardwood. Gently lay the speaker on its side (not its front or back) on a soft, nonabrasive surface. Attach each pad to the bottom of its foot in the widest portion of the recessed area.

DO NOT attach the pads if the speaker will be placed on carpeting.

NEVER drag the speaker to move it, as this will damage the pads,

the feet and/or the wood cabinet itself. Always lift the speaker and carry it to its new location.

CAUTION: Floorstanding (tower) loudspeakers have a high center of gravity and may become unstable and tip over during earthquakes or if rocked, tipped or improperly positioned. If this is a concern, these speakers should be anchored to the wall behind them, using the same procedures and hardware customary for anchoring bookcases and wall units. Customer is responsible for proper installation and proper selection of hardware.

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 is in the same place, i.e., the speaker that was working previously now has no sound and the speaker that was not working now sounds fine; or whether it has moved, i.e., the speaker that was not working still has no sound and the speaker that was working is still fine. If the problem is in the same place, 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 our Web site at www.jbl.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.

If there is no sound from the surround speakers:

- 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.
- Review proper operation of your receiver/amplifier and its surround sound features.
- Make sure the movie or TV show you are watching is recorded in a surround sound mode. If it is not, check to see if your receiver/amplifier has other surround modes you may use.
- In Dolby Digital or DTS modes, make sure your receiver/ processor is configured so that the surround speakers are enabled.

- Review the operation of your DVD player and the jacket of your DVD to make sure that the DVD features the desired Dolby Digital or DTS mode, and that you have properly selected that mode using both the DVD player's menu and the DVD disc's menu.

Declaration of Conformity



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

declare in own responsibility that the products described in this owner's manual are in compliance with technical standards:

EN 61000-6-3:2001
EN 61000-6-1:2001

Gary Mardell
Harman Consumer International
Chateau-du-Loir, France 4/04

SPECIFICATIONS

	N26II	N28II	N36II	N38II	ND310II
Description:	2-Way 6" bookshelf	2-Way 8" bookshelf	3-Way 6" floorstanding	3-Way 8" floorstanding	3-Way dual 10" floorstanding
Maximum Recommended Amplifier Power**:	125W	150W	150W	175W	250W
Nominal Impedance:	8 Ohms	8 Ohms	8 Ohms	8 Ohms	8 Ohms
Sensitivity (2.83V/1m):	88dB	90dB	90dB	90dB	91dB
Frequency Response (-3dB):	55Hz – 20kHz	50Hz – 20kHz	47Hz – 20kHz	45Hz – 20kHz	37Hz – 20kHz
Crossover Frequency(ies):	3000Hz	4000Hz	600, 3500Hz	1000, 5000Hz	1000, 5000Hz
High-Frequency Transducer:	3/4" Titanium-laminate dome, shielded	3/4" Titanium-laminate dome, shielded	3/4" Titanium-laminate dome, shielded	3/4" Titanium-laminate dome, shielded	3/4" Titanium-laminate dome, shielded
Midrange Transducer:	NA	NA	4" PolyPlas™ shielded	4" PolyPlas™ shielded	4" PolyPlas™ shielded
Low-Frequency Transducer:	6" PolyPlas™ shielded	8" PolyPlas™ shielded	6" PolyPlas™ shielded	8" PolyPlas™ shielded	Dual 10" PolyPlas™ shielded
Baffle:	Low Diffraction, IsoPower™	Low Diffraction, IsoPower™	Low Diffraction, IsoPower™	Low Diffraction, IsoPower™	Low Diffraction, IsoPower™
Port:	FreeFlow™ flared	FreeFlow™ flared	FreeFlow™ flared	FreeFlow™ flared	FreeFlow™ flared
Network:	Straight-Line Signal Path™ (SSP)	Straight-Line Signal Path™ (SSP)	Straight-Line Signal Path™ (SSP)	Straight-Line Signal Path™ (SSP)	Straight-Line Signal Path™ (SSP)
Terminals:	5-Way binding posts	5-Way binding posts	5-Way binding posts	5-Way binding posts	5-Way binding posts
Dimensions (H x W x D):	17" x 9" x 10"	19-1/2" x 10-1/2" x 11-1/4"	34" x 9" x 11-7/8"	34" x 10-1/2" x 11-7/8"	42" x 14-1/2" x 12"
Weight:	18 lb, 8.2kg	22.5 lb, 10.2kg	32 lb, 14.5kg	35 lb, 15.9kg	55 lb, 25kg

**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.

All features and specifications are subject to change without notice.

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DTS is a registered trademark of Digital Theater Systems, Inc.

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