



INTERMEZZO™ 2.6p

Owner's Guide



TECHNOLOGY

Intermezzo Series loudspeakers incorporate several innovative technologies that, when combined with many hours of subjective listening evaluations and our rigorous engineering standards, result in a loudspeaker that realistically and accurately reproduces the signal source with minimal distortion and coloration.

Ceramic Metal Matrix Diaphragms™ (C.M.M.D.)

For decades, loudspeaker engineers have known that the ideal transducer should be stiff, yet light, and have high internal damping (damping is a material's ability to absorb energy). Infinity's C.M.M.D. transducer is a significant advance in transducer technology. Ceramic, a class of material new to loudspeakers, offers better performance than that of other materials. Ceramic is stiffer than metals and lighter than plastics and typical composite materials; it also offers improved damping. These ceramic-based transducers take us a giant step closer to the ever-elusive "ideal transducer."

In tweeters, C.M.M.D. technology offers stiffness and damping superior to that of traditional metals and soft-dome materials. In woofer and midrange applications, it offers accurate pistonic operation over the entire frequency range of the driver, completely eliminating coloration due to cone breakup and dramatically reducing distortion. And when ceramic-metal-matrix transducers are exposed to moisture, sunlight or extreme temperatures, their performance does not deteriorate.

In addition to ceramic diaphragms, all the transducers incorporate magnetic shielding and rigid cast-frames that, through our FEA computer modeling and scanning-laser-vibrometer measurements, have been optimized to reduce resonances. This ensures minimal distortion and incomparable performance.

Room-Friendly Acoustical Design

One characteristic of forward-facing loudspeakers is that the sound output lessens as one moves away from the principal axis. This happens both horizontally and vertically and it means that radiated sounds that are reflected from the floor, ceiling and side walls will be lower in amplitude than direct, forward sound. This is usually a good thing. But, if the dispersion characteristics of the loudspeaker are different at various frequencies, the sound quality of the reflected sounds will be very different both from each other and from the first (i.e., direct) sound. The ears don't ignore these differences; they perceive them as coloration, or as sound quality that's been degraded. Intermezzo loudspeakers have been carefully designed to maintain a directional pattern that is similar at every important angle, on and off axis. The positive result is that both direct and reflected sounds arriving at the listeners' ears have similar timbral signatures.

Completing the Experience

The technology and performance that make Infinity Intermezzo loudspeakers ideal for music listening also make them the perfect digital multichannel loudspeaker system. To complete a home theater system, Infinity has designed, to the same standards as for Intermezzo 2.6p, a matching 3-way center-channel loudspeaker and a 12," 850-watt powered subwoofer.

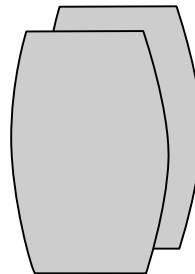
We hope you enjoyed this brief introduction to the technology of Intermezzo loudspeakers. If you would like to further explore their technology and design, please ask your Infinity dealer for the C.M.M.D. and R.A.B.O.S. White Papers. The White Papers can also be downloaded from Infinity's Web site at www.infinitysystems.com.

Unpacking the Product

Finish unpacking the speakers and check the contents. If you suspect damage from transit, report it immediately to your dealer and/or delivery service. Keep the shipping carton and packing materials for future use.

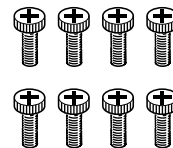
Included Accessories . . .

Grilles (2)



Bolts (8)

(for use with optional wall-mounting bracket or floor stands)



PLACEMENT

The Infinity Intermezzo 2.6p is designed to offer excellent performance in any listening room or home theater system. However, the following placement guidelines and suggestions will start you on your way to achieving optimum performance. Remember, these are guidelines. We suggest you experiment with positioning the loudspeakers to determine their ideal placement in your particular listening room.

Note: Each speaker may be placed as either the right or left channel. Their performance will be identical.

2-Channel or Front Left and Front Right in a Home Theater System

Generally, the system should be placed at least three feet away from the side walls. The Intermezzo 2.6p should be placed on strong, rigid speaker stands that place the tweeter at ear level. In 2-channel applications, the two speakers should be equidistant from your primary listening position. We recommend that the angle formed between the speakers and the listening area be between 45° and 60°. For example, if the speakers are 8' apart, your listening position should be 8' to 12' from each speaker. See Figure 1. With wider speaker separations, it may be advantageous to slightly angle the speakers, aiming them toward the listening area.

When used as part of a home theater system, you may find that you achieve excellent performance with the left and right speakers spread apart even further. Feel free to experiment with the placement of the speakers to achieve the best possible sound in your listening room.

Surround Channels in a Home Theater System

When used as part of a Dolby* Pro Logic*, THX®, or discrete 5.1 channel home theater system, the surround speakers should be placed at the sides of, and directed toward, the main listening area. See Figure 2. If there are several rows of seating, place the speakers, as described above, perpendicular to, or slightly behind, the last row of seating.

When used as part of a 7-channel music or home theater system, place the side speakers at the sides of and directed toward the main listening area. If there are several rows of seating, place the speakers, as described above, perpendicular to the middle row of seating. The rear speakers should be placed along the rear wall facing the front of the room. Each rear speaker should be about 1/3 of the way into the room, but never to the outside of the listening area. See Figure 3.

FIGURE 1

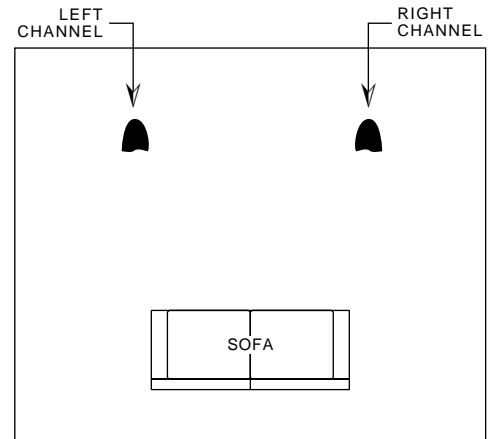


FIGURE 2

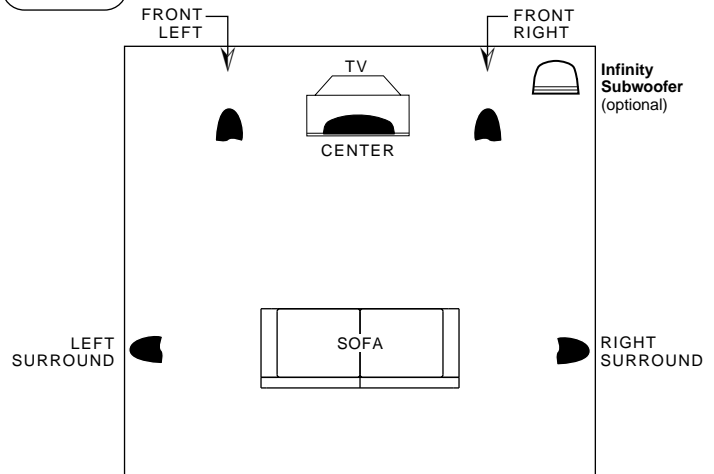
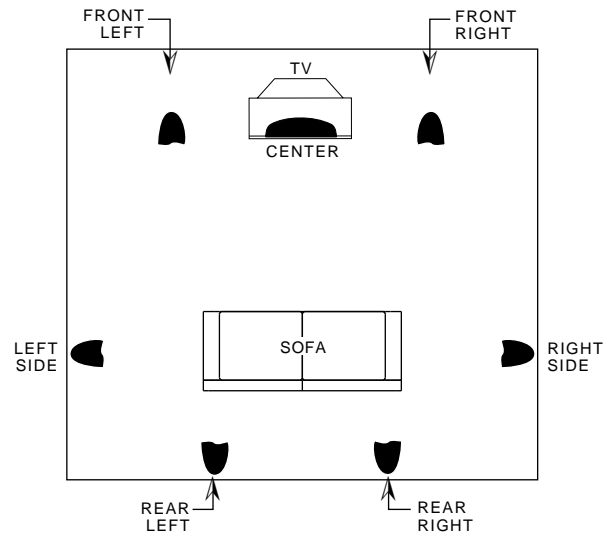
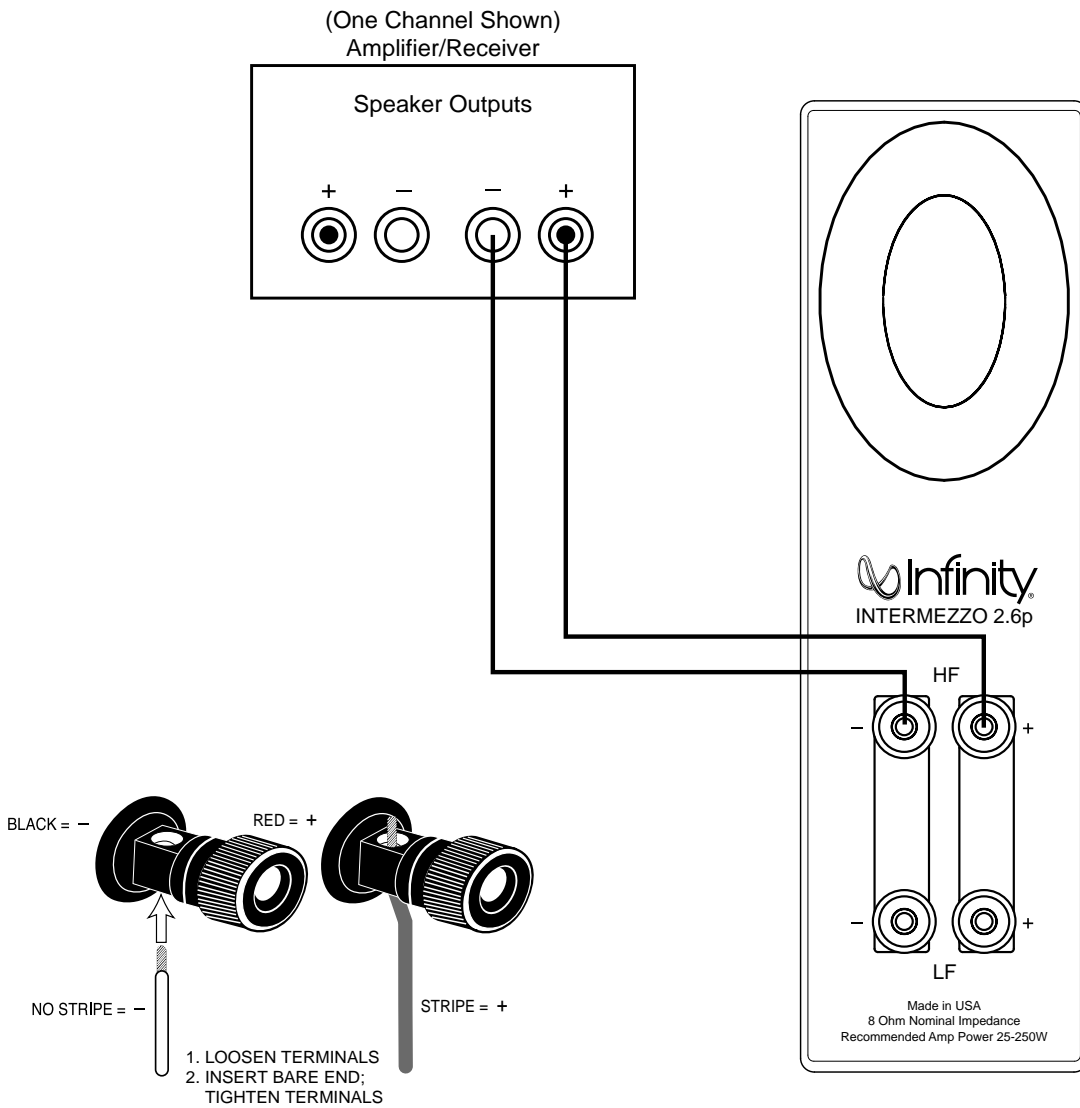


FIGURE 3



STANDARD WIRING

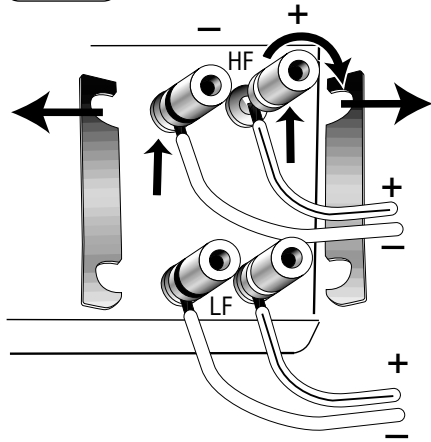


IMPORTANT: The high-frequency (HF) and low-frequency (LF) sections are joined by strapping bars. The strapping bars must remain in position for proper operation with standard wiring. See page 5 for bi-wiring instructions.

BI-WIRING

The Intermezzo 2.6p's outer connection panel and internal dividing network are designed so that separate sets of speaker cables can be attached to the low-frequency transducer and midrange/high-frequency transducer portions of this dividing network. This is called bi-wiring. Bi-wiring can provide several sonic advantages and considerably more flexibility in power amplifier selection.

FIGURE 4



1. Loosen the terminals and remove strapping bars.
2. Insert the speaker wire for the high frequencies into the top set of terminals and tighten.
3. Insert the speaker wire for the low frequencies into the bottom set of terminals and tighten.

FIGURE 5

Single-Stereo Amplifier

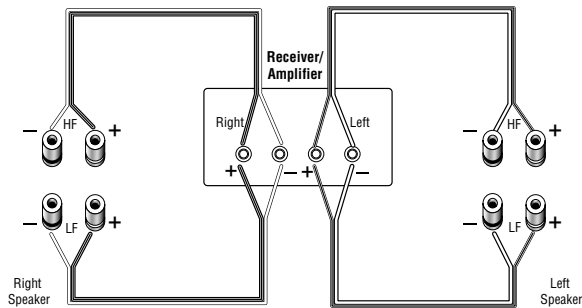
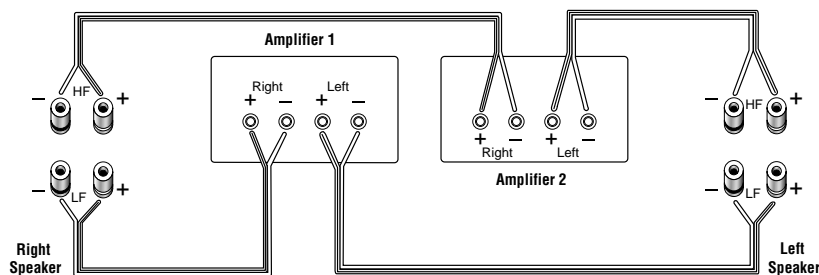


FIGURE 6

Dual-Stereo Amplifier



SPECIFICATIONS

Intermezzo 2.6p

Frequency Response:	48Hz – 22kHz (± 3 dB) 59Hz – 20kHz (± 1.5 dB)
Nominal Impedance:	8 ohms
Sensitivity: (2.83V @ 1 meter)	90dB
Recommended Amplifier Power Range:	25 – 150 watts
2nd- and 3rd-Order Harmonic Distortion: (40Hz – 20kHz @ 95dB SPL)	<1%
Crossover Frequency:	2000Hz, 24dB/Octave
Dimensions (H x W x D):	15" x 9-3/4" x 11-1/2" 381mm x 248mm x 292mm
Weight:	20 lb 8.2kg

Optional Accessories

Floor Stand for Intermezzo 2.6p, Model #FS-ITM/IL

Wall Bracket for Intermezzo 2.6p – we recommend OmniMount® Model 75 WB (Black or White)

(See Appendix, p. 7, for wall-mounting instructions.)

Infinity continually strives to update and improve existing products, as well as create new ones. The specifications and construction details in this and related Infinity publications are therefore subject to change without notice.

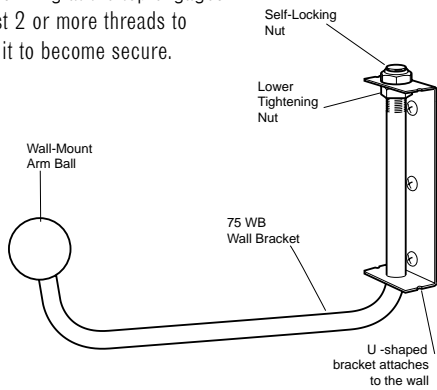
APPENDIX

Wall-Mounting the Intermezzo 2.6p Using an OmniMount® 75 WB Wall Bracket

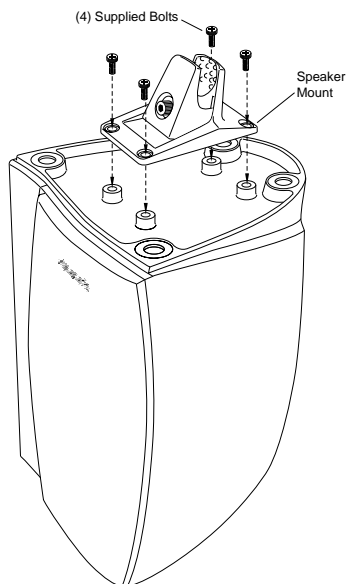
Important Note: Proper installation of these brackets is the **exclusive** responsibility of the customer and the **manufacturer disclaims any liability for the mounting hardware and bracket installation.**

Important Safety Note: Due to the Intermezzo 2.6p bookshelf speaker's weight, it is recommended that two people mount the speaker to the 75 WB wall bracket.

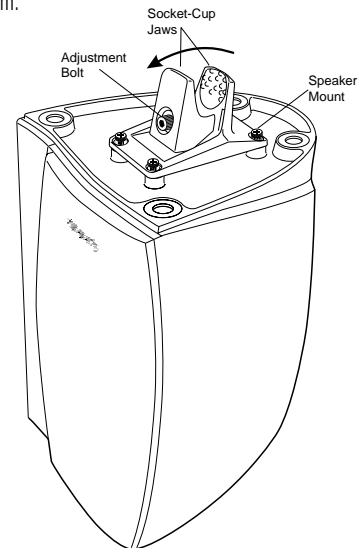
1. After mounting the 75 WB bracket to the wall, following the mounting instructions provided with the bracket, reassemble as shown. Make sure to screw the Self-Locking Nut down until the nylon ring at the top engages at least 2 or more threads to cause it to become secure.



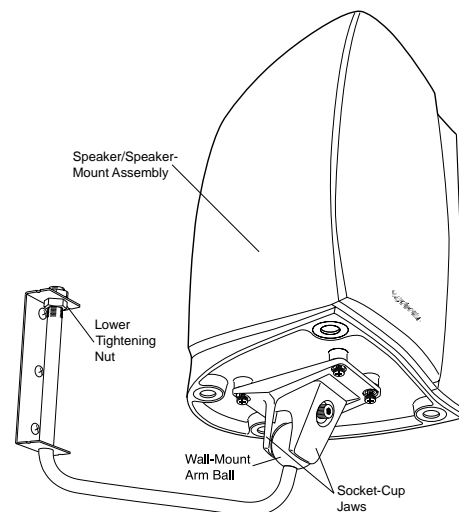
2. Turn the Intermezzo 2.6p bookshelf speaker upside down and attach the Speaker Mount to the base of the speaker with (4) 1/4-20 x 1/2" length bolts (included with the speakers). No other hardware is recommended for this use.



3. Loosen the Adjustment Bolt on the front of the Speaker Mount so that the jaws of the Socket Cup will accept the ball of the Wall-Mount Arm.



4. Lift the Speaker/Speaker-Mount assembly onto the Wall-Mount Arm so that the ball fits into the Socket Cup. Adjust the speaker to the desired position. While holding speaker, tighten the Adjustment Bolt until the Socket-Cup Jaws hold the speaker assembly securely in place. Adjust Arm to desired speaker position and tighten the lower bolt. Snap the Wall-Bracket Cover on.





H A Haman International Company © 2001 Infinity Systems, Inc., 250 Crossways Park Drive, Woodbury, NY 11797 USA (800) 553-3332 (USA Only) www.infinitysystems.com

*Trademarks of Dolby Laboratories. THX name and logo are © Lucasfilm Ltd. & trademarked. All rights reserved. Used under authorization. OmniMount is a registered trademark of OmniMount Systems, Inc.
Infinity is a registered trademark of Infinity Systems, Inc. Printed in USA 5/01 Part No. 337560-001