



ALPHA™ SPEAKER SYSTEM

Owner's Guide

- Alpha 37c



Infinity Alpha™ Series

The Alpha Series of loudspeakers continues Infinity's longstanding commitment to accurate sound reproduction. Our patented Ceramic Metal Matrix Diaphragm™ (C.M.M.D.) drivers, precision dividing networks and rigid, heavily braced enclosures combine to deliver uncompromised performance in any stereo or multichannel home theater system. The Alpha 37c is the perfect center channel loudspeaker to complete any home theater system.

UNPACKING THE SPEAKER

If you suspect damage from transit, report it immediately to your dealer. Keep the shipping carton and packing materials for future use.

PLANNING YOUR SYSTEM

Placement

For best results, the Alpha 37c should be placed on top of, or directly below, the television and aimed toward the listening area (see Figure 1).

The terminal cup has an adjustable foot to angle the speaker toward the listening position (see Figure 2).

An Important Note for Proper Installation

The Infinity Alpha 37c is magnetically shielded. When placing it directly on top of a television, please follow the simple installation guidelines below to prevent any interference with your television picture.

1. Turn off the TV that the speaker will be placed on top of.
2. While keeping the front of the speaker facing forward, lift and place the Alpha 37c on top of the TV.
3. Connect the speaker as described in this owner's guide.
4. You may now turn on the TV.

FIGURE 1 – This overhead view shows a typical home theater plan.

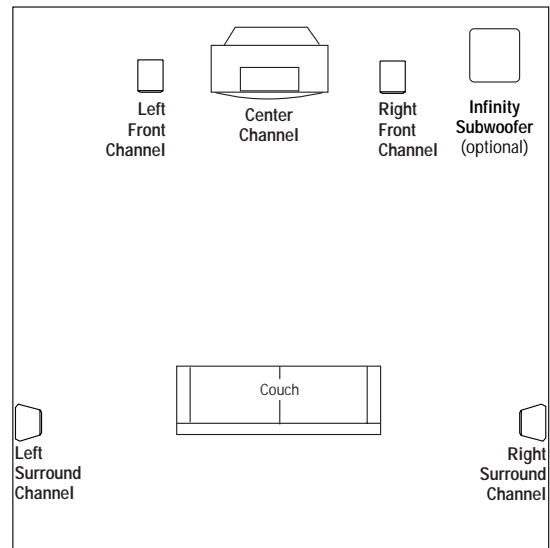
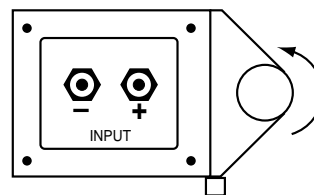
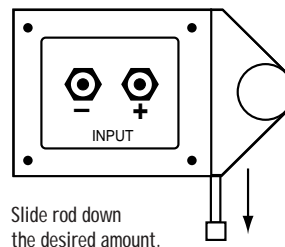


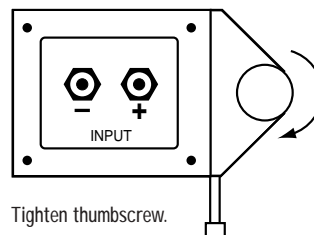
FIGURE 2



Loosen thumbscrew.



Slide rod down the desired amount.



Tighten thumbscrew.

WIRING THE SYSTEM

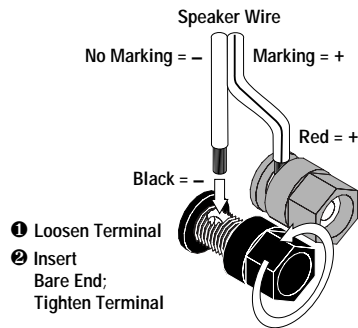
IMPORTANT: Make sure all equipment is turned off before making any connections.

For speaker connections, use a minimum #16-gauge speaker wire with polarity coding. The side of the wire with a ridge or other coding is usually considered positive polarity (i.e., +).

NOTE: If desired, consult your local Infinity dealer about speaker wire and connection options.

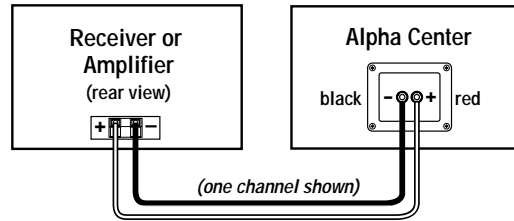
FIGURE 3

The Alpha 37c features color-coded terminals. This example shows the most common way of connecting speaker wire by directly inserting into terminals.



To ensure proper polarity, connect each + terminal on the back of the amplifier, receiver or television to the respective + (red) terminal on each speaker, as shown in Figure 3. Similarly, connect the - (black) terminals in the same way. Also, see the owner's guides that were included with your amplifier or receiver to confirm connection procedures.

FIGURE 4 – Wiring diagram shows polarity connections for one channel of a stereo or home theater system.



IMPORTANT: DO NOT reverse polarities (i.e., + to - or - to +) when making connections. Doing so will cause poor imaging and diminished bass response.

FINAL ADJUSTMENTS

Check the speakers for playback first by setting the system volume control to a minimum level, and then by applying power to your audio system. Following the directions provided with your receiver/processor, adjust the center channel volume so that it matches the output of the left and right speakers.

CARE OF YOUR SPEAKER

The Alpha 37c's enclosure has a wood-vinyl finish that does not require any routine maintenance. When needed, use a soft cloth, dampened with water only, to remove any fingerprints or dust.

Clean the grille by gentle vacuuming.

NOTE: Do not use any cleaning products or polishes on the enclosure or grille.

SPECIFICATIONS

Alpha 37c

Frequency Range:	45Hz – 22,000Hz (± 3 dB)
Recommended Amplifier Power Range:	10 – 150 watts
Sensitivity (2.83V @ 1 meter):	91dB spl
Nominal Impedance:	8 Ω
Crossover Frequency:	500Hz, 3000Hz; 24dB/octave
Low-Frequency Drivers:	Dual 6-1/2" (165mm) C.M.M.D., magnetically shielded
Mid-Frequency Driver:	5-1/4" (133mm) C.M.M.D., magnetically shielded
High-Frequency Driver:	1" (25mm) C.M.M.D., magnetically shielded
Dimensions (H x W x D):	9" x 23" x 12-1/2" (229mm x 584mm x 318mm)
Weight:	32 lb (14.6kg)

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.



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Declaration of Conformity



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

EN 50081-1:1992
EN 50082-1:1997

Robin Marshall
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Chateau-du-Loir, France. 9/02