

ICS570
Owner's Manual

ICS570

Snell

SPECIFICATIONS

Specifications	ICS 570
Frequency Response (± 3 dB)	75Hz–20kHz
Recommended Amplifier Power	15–150 watts (above 80Hz)
Nominal Impedance	4 ohms
Sensitivity [1 watt (2.83v) at 1m]	90dB SPL
Tweeter (video-shielded)	1-inch (25mm) soft dome with neodymium magnet structure
Bass Unit (video-shielded)	6-1/2 inch (165mm) stamped steel basket. Copolymer cone, butyl rubber surround and long-throw design.
Grille	Wooden frame
Dimensions (HxWxD)	6.75 "x 16.5 "x 10"
Weight/each	20 lbs
Finish	Black texture-coated paint on MDF

PRODUCT DESCRIPTION

The ICS570 is ideal for use as:

The ICS570 is a high-performance incabinet D'Appolito LCR for use wherever space is limited and in a wide variety of applications. The ICS570 is a two-way design with a complex crossover for best sound quality. This two-way monitor uses a 1-inch soft dome tweeter and dual 6.5-inch bass units. All are video-shielded for placement near a TV.

All channels of a surround system where space is limited.

The front stereo pair of a compact music system.

A multiroom extension speaker.

A wall-mounted surround of a larger home theater system.

Grille Design

The grille is made of wooden frame with acoustically transparent fabric if a grille is needed.

Hand-Tuned Crossover

Each crossover is individually tuned by production technicians to within $\pm 0.5\text{dB}$ of the Master Reference, assuring predictable performance.

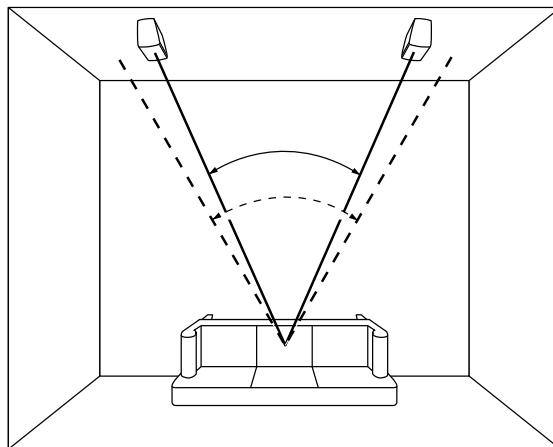
Stereo Image

The distance between the speakers determines the width of the stereo image. If the speakers are placed too close together, the image will be too narrow; too far apart and the blend will suffer, creating a hole in the middle. When properly placed, your speakers will create a continuum of "virtual images" from left to right, with an illusion of sound outside, in front, and behind the speaker systems.

- fi *We recommend an angular separation between 45 and 60 degrees (when viewed from above). This is equivalent to a separation between the speaker systems that is about 85% to 100% of the distance to either of the speakers.*
- fi *Aim the center of the speaker to your ear level while listening in a seated position.*

Creation of sounds between the speakers requires precise placement. The distance from the left speaker to the listener location should equal the distance from the right speaker to the listener location. We advise using a tape measure to equalize these two distances to the primary listening position. The payoff will be well worth the time and effort.

The ICS570 was designed to have the optimum balance when close to one boundary surface.



CONNECTING THE SPEAKERS

Connecting to a Surround Processor

When using a powered subwoofer:
Select the *SMALL* or *NORMAL* setting on your receiver or processor for your main and center channels. This routes all bass information (typically below 120Hz) to your subwoofer.

When not using a powered subwoofer:
Select the *LARGE* setting on your receiver or processor for your main speakers. This routes all bass information (typically below 120Hz) to your main speakers.

Match the sound levels of each speaker:
Your home theater system most likely includes a test signal that simplifies level matching. Refer to the instructions provided with these electronics.

Choosing Cable

We recommend 16-gauge cable or thicker for runs up to 25 feet (8m) and 12-gauge wire or thicker for longer runs.

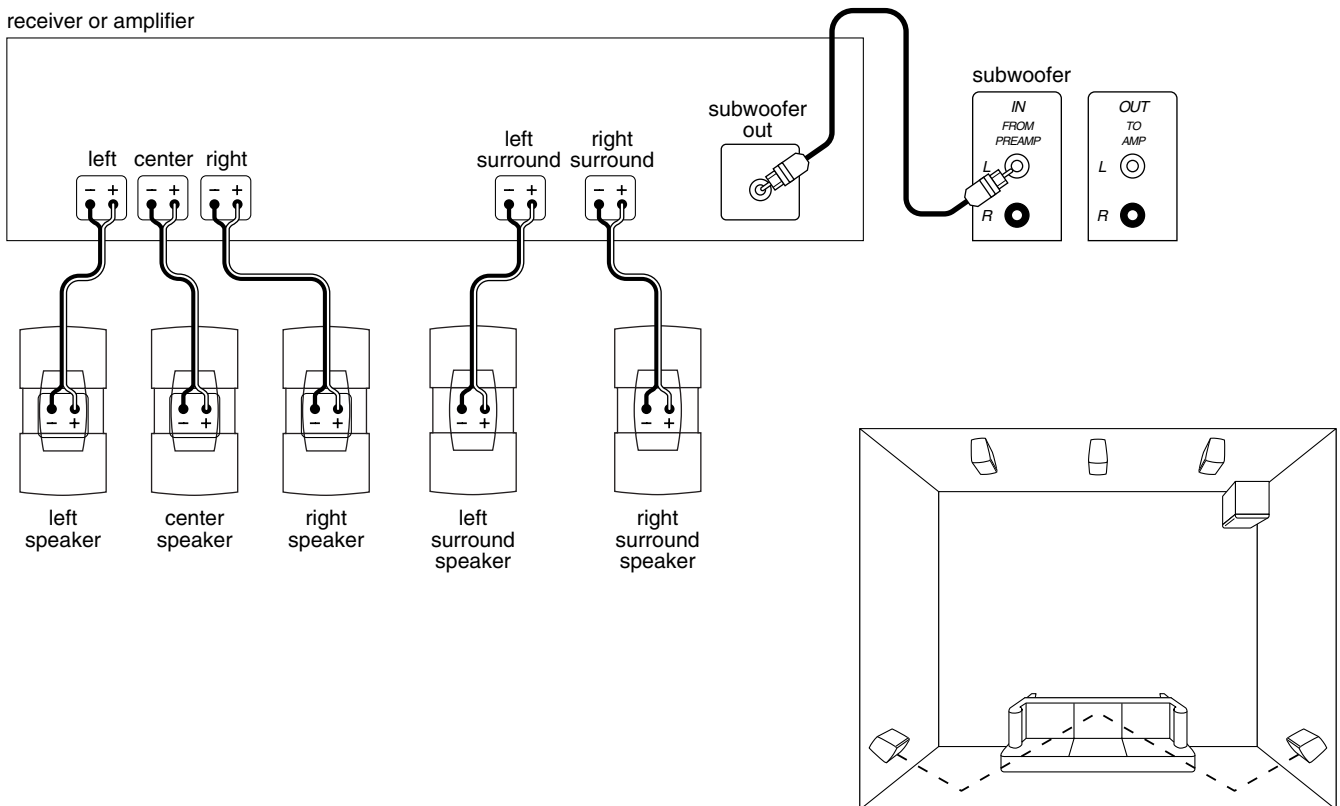
Connecting with bare wire:
Insert bare wire into holes and tighten.

Connecting with banana plugs, spade lugs, or pins:
The binding posts accept standard banana plugs and pins, and can accommodate spade lugs up to $\frac{5}{16}$ inch.

Warning! To prevent electrical shock, always switch off the amplifier or receiver when making connections to the speaker system.

Basic Connections

When making connections, be sure to connect + to + (red) and - to - (black).



HOW TO CARE FOR YOUR SPEAKERS

Use a soft terry cloth towel slightly dampened with water or a mild detergent. The towel should be just damp enough to wipe the surface clean without leaving a trail of moisture.

Do not use abrasive cleaners or any cleaner containing chemicals harsher than those found in glass cleaner.

LISTENING LEVELS AND POWER HANDLING

The power recommendation for the system assumes you will operate the amplifier in a way that will not produce distortion. All speakers can be damaged by a modest amplifier if it is producing distortion. If you hear a gritty noise or other signs of strain, turn down the volume. Prolonged or repeated operation of your speakers with a distorted signal can cause

damage that is not covered by the warranty. Especially important with smaller speakers is that you do not overdrive their bass capability. Watch for noises such as pops caused by the music's bass line. Use of the loudness control and/or full bass boost at louder volumes is likely to overdrive the woofer. Use such controls sparingly.

LIMITED WARRANTY

For five years from the date of purchase, Snell Acoustics will repair for the original owner any defect in materials or workmanship that occurs in normal use of the speaker system, without charge for parts and labor.

Your responsibilities are to use the product according to the instructions supplied, to provide safe and secure transportation to an authorized Snell Acoustics service representative, and to present proof of purchase from an authorized Snell dealer in the form of your sales slip when requesting service.

Excluded from this warranty is damage that results from abuse, misuse, accidents, shipping, repairs, or modifications by anyone other than an authorized Snell Acoustics service representative. This warranty is void if the serial number has been removed or defaced.

This warranty gives you specific legal rights, and you may also have other rights that vary from state to state.

If Service Seems Necessary

Contact the dealer from whom you purchased the speaker system. If that is not possible, call us at 978-538-6262, or write to:

Snell Acoustics
300 Jubilee Drive, PO Box 3717
Peabody, MA 01961-3717

We will promptly advise you of what action to take. If it is necessary to return your speaker system to the factory, please ship it prepaid. After it has been repaired, we will return it freight-prepaid in the U.S. or Canada.

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