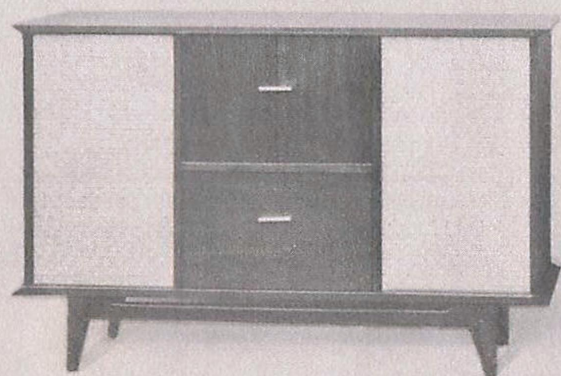


**THE FISHER** *WS-1*  
**WIDE-SURROUND**  
**SPEAKER SYSTEM**



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Archiv Michael Otto*





For perfect stereo — wherever you sit!

# THE FISHER WS-1

## WIDE-SURROUND SPEAKER SYSTEM

**THE FISHER WS-1** Speaker System, paired for stereo, was designed to provide maximum stereo coverage of the listening area to a degree never before possible. Even extremely large stereo consoles give enhanced performance, dimensional realism *without barriers*, when augmented with a pair of WS-1 Wide-Surround Speakers. And the improvement is even *more* startling when these are used with moderate or small-sized instruments or installations. Most important, with the WS-1 Speaker System in operation, one no longer need place the main console at an unattractive angle in attempts to achieve balanced stereo sound dispersion — or to pull chairs to an 'apex' position when listening to stereophonic sound.

**THE FISHER WS-1** will truly create a surrounding curtain of sound in your room — instantly apparent and almost overwhelmingly effective. With the WS-1, every seat in the room becomes "front-row center."

How can this be accomplished simply by adding so compact a speaker system? The reason is a phenomenon known as the Haas effect. In this, where identical sound reaches the listener from two different sources, one of which is closer to the listener, the latter will determine the ostensible direction of the sound. Furthermore, even though the more distant source is louder, the direction will still appear to be emanating from the nearer sound source.

By installing each FISHER WS-1 on your flanks, and thus closer to your listening position than the main console, its output will reach your ears a split second before that from the main console. Sound will be heard from the sides of your room, *and* from your console. In this way, by providing enormously augmented stereo separation, the WS-1 removes forever the *side-perspective barrier* in stereo reproduction. By the judicious use of the channel control on the main control center, the WS-1 gives the owner greatly enhanced flexibility in the achieving of optimum acoustic results.

Although the WS-1 units reproduce essentially only the middle and high frequencies, the non-directional character of bass frequencies creates the illusion that the WS-1 is producing bass tones as well! In effect, therefore, the WS-1 units produce full-bodied, multi-directional stereo sound through the *entire* audio range.

### How Is The WS-1 Connected?

The FISHER WS-1 can be instantly connected to any stereo console, table-model or amplifier equipped with four, eight or sixteen-ohm speaker terminals. If you own a late-model FISHER stereo phonograph or radio-phonograph — such as the STATESMAN, CORONET, PREMIERE, EXECUTIVE IV, PRESIDENT IV or the CUSTOM ELECTRA III — WS-1 speakers can be plugged directly into the WS-1 outputs found at the rear of the instrument. For all other stereo instruments (FISHER and other makes,) each WS-1 is simply attached to any of the unused speaker terminals (to the four, eight or sixteen-ohm and ground speaker terminals provided for each channel.)

### How Should The WS-1 Be Positioned?

WS-1 speakers should be placed to the left and right of your main instrument; well-forward, as illustrated. The WS-1 cabinets are beautifully finished on all six sides, so that they can be used horizontally or vertically, on tables or mounted on the wall.



## SPECIFICATIONS

**SPEAKER:** 10" x 2 3/4" oval with Alnico V permanent magnet.

**IMPEDANCE:** 8 ohms.

**FREQUENCY RESPONSE:** 250 to 15,000 cps.

**CROSSOVER NETWORK:** 250 cps cut-off.

**ENCLOSURE:** Finished on all six sides. Available in Walnut, Mahogany, Teak, or Cherry. Size: 11 1/2" x 3 3/8" x 4 3/8" deep.

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