

Ohm Acoustics Corp.  
76 Degraw Street  
Brooklyn, NY 11231  
ohmspeaker.com

## Walsh Center Channel Speaker



	MicroWalsh CC	Walsh 1000 CC	Walsh 2000 CC
Dimensions (w x l x h)	14" x 14" x 8"	14" x 14" x 9"	16" x 16" x 11"
Power Handling	35 – 125 W	30 - 150 W	40 - 200 W
Impedence (typical)	4 $\Omega$	6 $\Omega$	6 $\Omega$
Frequency Response	80Hz to 20kHz	80 Hz to 20 kHz	80 Hz to 20 kHz
Sensitivity @ 2.8 V	85 dB	88dB	88dB
Max Listening Distance	10'	15'	20'



Congratulations! You are now the proud new owner of an Ohm Walsh Center Channel Speaker! This speaker is designed to have the same sonic image as our full-range Walsh speakers and will couple perfectly with a complete system of Walsh speakers.

Following are the simple instructions for installation. It will take some experimenting with room placement to optimize the performance in your home. Do this at your leisure with a variety of music. No one set-up is best for all rooms and music.

### Connecting the loudspeakers:

The Ohm Walsh Center Channel is equipped with gold plated binding posts on the back of the cabinet. These terminals will accept any standard type of wire connector, including bare wire.

Before connecting your loudspeaker, unplug your receiver/amplifier and make sure you have the right kind of wire. We strongly recommend 12 AWG speaker wire.

Strip no more than ½" of insulation off both ends of the speaker wire with wire strippers, scissors, or a sharp knife. By twirling the exposed ends between your thumb and forefinger, you can prevent stray strands of wire from shorting out the terminals.

Leave lots of slack in the speaker wire until after you decide where the loudspeaker should be placed, so the components can be moved around without straining the connections.

Note that one side of the speaker wire has a ridge or a printed stripe running its entire length, while the other side is left unmarked. To assure in-phase operation, make sure to connect the marked side of the speaker wire with the red (positive) terminal on the receiver on one end and the red binding post on the back of your loudspeaker on the other end. Then connect the unmarked side of the speaker wire to the negative (ground) terminal on your amplifier on one end and the black binding post of your loudspeaker on the other. It is important that you connect the center channel speaker with the same polarity as the other speakers in your system, or else they will play out of phase.

Before plugging in your amplifier/receiver, be certain the power is turned off and the volume control is turned all the way down. After plugging in and turning on the amplifier/receiver, slowly increase the volume until the desired level is achieved. This procedure will prevent sudden power surges from damaging your loudspeakers.

Once you have connected your center channel speaker, follow the manufacturer's instructions for your home theater receiver to set up the digital signal processing for your new center channel speaker.

Placing the center channel speaker in you listening room:

The Walsh Center Channel Speaker has two basic positions: *nested* in an enclosure, such as an equipment cabinet or an entertainment system; or *freestanding*. The speaker was designed to use a different grill specifically suited to either of these positions. Which type of grill came with your speaker was decided at the time of purchase, based on its intended application.

For *nested* application, use the grill pictured above, left. Unlike conventional forward-firing loudspeakers, the Walsh Center Channel speaker is highly sensitive to the environment above and behind the driver. This grill is specially designed to control the sound radiation that takes place inside of your furniture and eliminate the *shower stall effect*. To this end, we have built an anechoic chamber inside of the grill. Before placing your speaker in its nested position and playing it, make sure that none of the acoustic stuffing located inside of the grill has shifted in front of the driver in transport.

For *free standing* application, use the standard grill pictured above, right. You will find the sound image to be more "open" and "airy". This application is optimum and should be favored over *nested* application whenever the room setup will allow. A *free-standing* Walsh Center Channel speaker will couple particularly well with a subwoofer such as an Ohm sbM-10 or sbM-12 when sitting on top of it.

### **Caution!**

Although your Ohm Walsh speaker has been rated with a maximum power level, it is possible to damage your loudspeaker with smaller amplifiers. Heavily compressed music such as most kinds of rock, dynamic peaks in classical music, accidentally dropping the tone arm onto the record, or connecting devices into a live signal path can produce an inordinate amount of distorted power (as much as ten times the rated amount!) which is fed directly to the loudspeaker, and could lead to permanent damage.

### **Warning!**

DO NOT remove the perforated metal can that encases the driver. The design of the Ohm Walsh speaker incorporates several critically placed transmission blocks. This acoustically transparent perforated metal can has been permanently bonded to its housing to protect precise alignment and performance by these blocks. Removal or damage of the can will seriously impair performance and void the warranty.

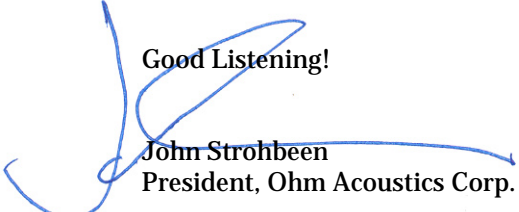
If you have any questions, give us a call!

Toll free: 800-783-1553

Outside the US call: 718-422-1111

Write to us at [ohmspeaker@aol.com](mailto:ohmspeaker@aol.com)

Good Listening!

  
John Strohbeen  
President, Ohm Acoustics Corp.