



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

MicroWalsh Sat Omni

Dimensions	6 x 6 x 27 in
Recommended Amplifier	35-125 watts
Impedance (typical)	4 Ω
Frequency Response	80 - 20,000 Hz
Sensitivity @2.8 Volts	85 dB
Recommended Distance	up to 10 ft.

Congratulations! You are now the proud new owner of a pair of Ohm MicroWalsh Omnidirectional Satellites! This speaker is specially designed to give you a spacious, enveloping feeling for surround effects in movies. Given the correct placement, our design will make you feel like you're right there, inside the film – more so than any other speaker on the market.

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 MicroWalsh Sat Omni is wall hanging loudspeaker 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. Note the groove routed in the top and bottom of the back of the cabinet (illustrated below). This is to allow you to run the wire to the speaker either from above or below the speaker as it hangs flush to the wall, without crimping your wire.

Before connecting your loudspeakers, 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 loudspeakers 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 MicroWalsh 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 MicroWalsh on the other. It is important that you follow this procedure exactly for both loudspeakers, 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.

Installing your loudspeakers in your listening room:



The MicroWalsh Sat Omni should be mounted on the wall or placed on a table or shelf either significantly above or below ear level. This is important to maintain the illusion that the sounds they reproduce are in the room with you. Placing the driver too close to ear level will result in the undesirable effect of perceiving the sound as coming from a discrete point in space. The sound should bounce off of some surfaces in your room before reaching your ears.

To mount the speaker on your wall using the provided hardware, screw the wooden wedge that came with your installation kit into the wall with the side that has the groove flush against the wall. If running speaker wire down from the ceiling, this will allow you to feed the speaker wire down through the groove before connecting it to your MicroWalsh (see above) for final installation.

Although the speaker weighs only twelve pounds, for secure mounting we recommend obtaining a wall anchoring system rated for twenty-five from your local hardware store.

Now, hang the MicroWalsh with the Ohm logo facing out so that the point of the wedge rests in the top of the cutout in the back of the speaker (illustrated left). The difference in size between the wedge and the cutout should allow you to make fine adjustments for horizontal placement at this time.

Caution!

Although your Ohm MicroWalshs have been rated to be used with amplifiers of up to 125 Watts per channel, it is possible to damage your loudspeakers with smaller units. 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 MicroWalsh 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.

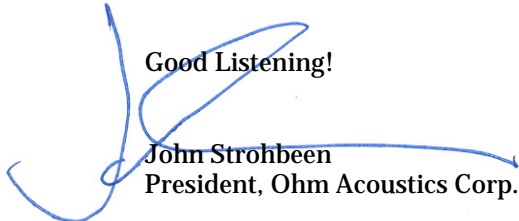
If you have any questions, give us a call!

Toll free: 800-783-1553

Outside the US call: 718-422-1111

Write to us at ohmspeaker@aol.com

Good Listening!


John Strohbeen
President, Ohm Acoustics Corp.