

Ohm Acoustics Corp.
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ohmspeaker.com

Walsh 300.4000 Upgrade Kit



Recommended Amplifier Power	70-300 watts
Impedance (typical)	6 ohms Ω
Frequency Response	22 - 20,000 Hz
Sensitivity @2.8 Volts	88 dB
Recommended Room Sizes	4500-8500 cu. ft.

Thank you for your ongoing support of Ohm Walsh speakers, and congratulations on your new 300.4000 upgrade kit! You should find the installation to be very straightforward. All the parts in your upgrade kit are a direct match with the old parts that they replace. The only tool you should need is a screwdriver. Your upgraded speakers will have higher treble for more defined, "airy" details on music. Reproduction of voices will sound more natural. They can also play louder.

Your kit contains:

- (2) new Walsh 4000 drivers
- (2) new inputs with gold-plated binding posts

Gather the following tools:

- A Philips screwdriver

Assembly:

1. Disconnect your Walsh 300 speakers from your system.
2. Unscrew the old drivers. Disconnect them from the wire on the inside of the cabinet and set them aside.
3. Lay your speaker down on its side. It's good if you can do this on a table covered with a blanket so you don't damage the finish.
4. Unscrew the old input cup and set it aside. There should be a long wire attached to it that runs up to the top where you disconnected it from the driver. You're going to replace it.
5. Screw in the new input cup in the same place where you pulled out the old one. Feed the wire up to the top. Be sure not to leave any gaps around the edge of the acoustic insulation when you run the wire past it: this fiber should be 1/3 of the way down the cabinet and cover the cross section from edge to edge.
6. Stand the speaker back upright.
7. Connect the wire clip on your new driver to the one at the end of the wire you just ran up from the bottom of the cabinet.
8. Screw down the new driver using the screws you pulled out of the old one. The only trick is making sure they're aimed correctly. The wires come out of the back of the driver on the side that corresponds to the channel they will be hooked up to (ie, back right for the right speaker, back left for the left speaker). There should be a notch cut in the mounting hole for the driver to allow them to drop in without getting pinched and there should be a sticker on the corner of the cabinet just opposite them that reads "300".
9. Reconnect your new, upgraded Walsh 300.4000 speakers to your system and enjoy the music!
10. When you've completed your audition, use the same packaging to return your old parts to the factory.

Adjustments to fit your room:

If your room is large and you find you want more bass, move the speakers a little closer to the wall. If your room is on the small side and it sounds boomy, pull them out.

If you want more treble, rotate the speakers outward. If you want less treble, rotate the speakers inward.

Caution!

Although your Ohm Walsh 300.4000 has been rated to be used with amplifiers of up to 300 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 Walsh 300.4000 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

Good Listening!


John Strohbeen
President, Ohm Acoustics Corp.