

# INSTALLATION MANUAL



## AT-880S IN-WALL SUBWOOFER

### SPECIFICATIONS

Maximum Power Handling:	250 Watts Continuous
Freq. Response:	38Hz-300Hz Sub Output / 300Hz - 20KHz Satellite / Monitor Outputs
Impedance:	8 Ohms
Overall Dimensions:	10-1/8" x 14-1/8"
Cut Out Dimensions:	8-3/4" x 12-3/4"
Speaker:	8" Textured, Injection Molded Polypropylene
Connectors:	Spring Clips

The AT-880S subwoofer speaker assemblies are designed for flush installation in walls where conventional box speakers are not desirable. These speakers can be installed in either new or existing construction.

It is important when installing your speakers and/or running wire through your house or office, that you check any local codes and requirements to make sure that safety is being observed. We suggest that where necessary a professional be consulted in order to optimize your system's performance. The following, however, are just a few of the do's and don'ts:

Follow the wiring diagram on the back of this page. Carefully map out the wiring path from the amplifier to the AT-880S and from the AT-880S to the main speakers. We recommend a minimum of 16 gauge wire for this installation. Be sure that the speaker wire does not rest or rub against any sharp or pointed objects. The speaker should be mounted on a flat surface to form a good seal between the speaker flange and the mounting surface. To help tune the AT-880S to your room, we have incorporated two sets of switches. The switches on the front of the speaker labeled Normal and Reverse, are for switching the speaker in and out of phase. Sometimes conflicts can occur between the Subwoofer and the satellite speakers that can easily be remedied by reversing the phase of the subwoofer. The best way to determine the setting for your environment is to listen from the intended seating area while an assistant changes the switch settings (both switches should be in either normal or reverse position). The switches on the back of the AT-880S are designed to match the cross-over point on our AT-502 and AT-602 speaker series. For more information, see text above the wiring diagram on the back side of this sheet.

### INSTALLATION

1. Use cut-out template to mark and cut hole for each speaker.
2. Run speaker wire from amplifier to the speaker cut-out and to main speakers.
3. Remove grill cover from the speaker to gain access to the mounting holes.
4. Connect wires from the amplifier to the subwoofer and from the subwoofer to the main speakers (carefully observing polarity!)
5. Carefully start threading the mounting screws through the speaker into the mounting arms.
6. Position speaker in the cut-out.
7. Carefully tighten mounting screws, and snap speaker grill back into place.

#### **WARNING!**

*Over-tightening brackets will crack rim of speaker*

*Do not use power tools to tighten bracket*

*Hand-tighten only*



### WARRANTY

Your AUDIOPLEX TECHNOLOGY AT-880S subwoofer is covered by a 5 year warranty against any defects in workmanship and materials. Any defects will be remedied without charge for labor and parts.

Damage incurred by shipping or accident is not considered to be a defect, and not covered by this warranty. AUDIOPLEX TECHNOLOGY is not responsible for defective operation caused by abuse or by modification or service by any unauthorized person or agency.

The unit must be properly installed and operated according to instructions for the warranty to apply. Any necessary servicing must be done by AUDIOPLEX TECHNOLOGY. The product must be returned expenses prepaid, with written authorization from the company. The product must be shipped with the proof of purchase and in the original carton and packing material to avoid damage.

This warranty gives you specific legal rights. You may have other rights which vary from state to state.

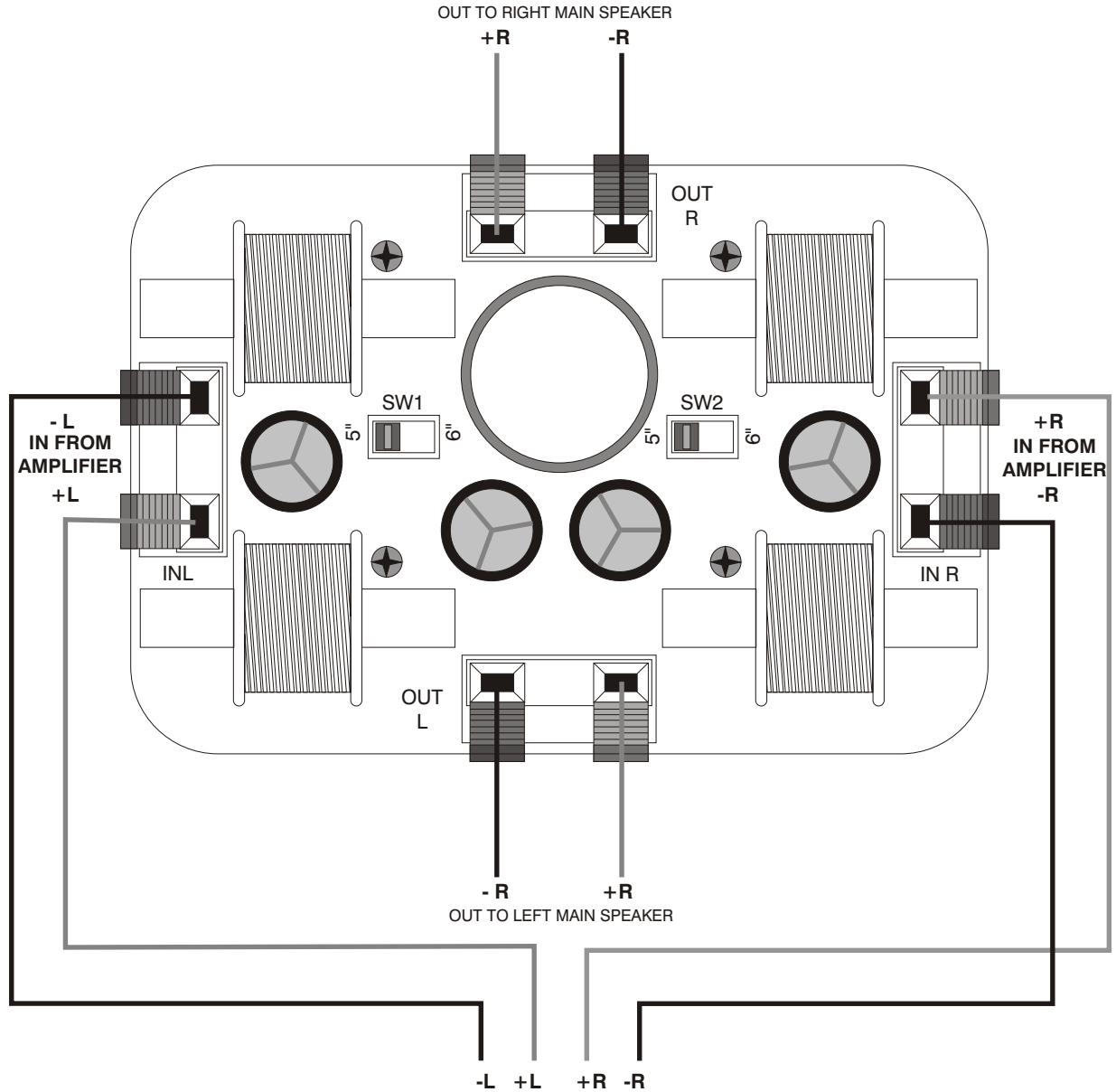
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## WIRING DIAGRAM

Follow the wiring diagram below making sure to **OBSERVE POLARITY!** Note the two switches on the cross-over assembly. They are designed to match the cross-over point on our AT-502 and AT-602 speaker series. When using the AT-502's as the main speakers, both switches should be to the left on the 5" side. If using AT-602's the switches should be on the 6" side. If you are using main speakers other than Audioplex, try the switches in both positions and determine the optimum cross-over point for your speaker system.



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