

# INSTALLATION MANUAL



## AT-6.5 SPEAKER SYSTEM

### SPECIFICATIONS

Power Handling:	85 Watts.
Frequency Response:	40 Hz-18000 Hz.
Woofer:	6-1/2" Graphite Polycarbonate Cone Woofer.
Tweeter:	1" Neodium Dome Tweeter/Adjustable.
Size:	8-3/8" in Diameter (cutout: 7")

The AT-6.5 speaker assemblies are high quality two way speaker systems designed for installation flush in ceilings where conventional box speakers are not desirable. These speakers can be installed in either new or existing construction.

Placement of speakers should be carefully considered. they should be located where they will provide you with the best possible sound with the greatest ease of installation.

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 dont's:

1. The wire should be at least 18 gauge or larger. Runs of longer than 50' should use 16 gauge wire.
2. Try to keep wire length to a minimum.
3. Avoid running speaker wire near electrical cables or touching against any sharp objects.
4. More than two pairs of speakers can be installed to one amplifier, but you should use series or parallel wiring (to maintain impedance) or line matching transformers. AUDIOPLEX TECHNOLOGY(tm) carries a full line of impedance matching transformers and impedance matching speaker switchers.
5. Make sure the same wire which is hooked to the positive terminal of the amplifier is hooked to the positive terminal of the speaker, and the negative terminal of the amplifier to the negative terminal of the speaker. This will keep speakers in phase delivering full sound.

### INSTALLATION

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

## **WARRANTY**

Your AUDIOPLEX TECHNOLOGY(tm) AT-6.5 speakers are covered by a LIFETIME warranty against defects in workmanship and materials. Any defects will be remedied with out charge for labor or parts.

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

The unit must be properly installed and operated according to instructions fore the warranty to apply. Any necessary servicing must be done by AUDIOPLEX TECHNOLOGY(tm). The products must be returned expenses prepaid, with written authorization from the company. The unit must be shipped with proof of purchase and in 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.

### **AUDIOPLEX TECHNOLOGY®**

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