

# INSTALLATION MANUAL



## AT-502, AT-602 & AT-802 SPEAKER SYSTEM

### SPECIFICATIONS

AT-502	AT-602	AT-802
Power Handling: 50 Watts.	Power Handling: 150 Watts.	Power Handling: 200 Watts.
Freq. Response: 60Hz-20KHz.	Freq. Response: 55Hz-20KHz.	Freq. Response: 45Hz-20KHz.
Woofers: 5.25" Polypropylene Woofer.	Woofers: 6.5" Polypropylene Woofer.	Woofers: 8" Polypropylene Woofer.
Tweeters: 1" Pivoting Mylar Tweeter with +/- 6dB Switch.	Tweeters: 1" Pivoting Mylar Tweeter with +/- 6dB Switch.	Tweeters: 1.75" Pivoting Mylar Tweeter with +/- 6dB Switch.
Size: 7-7/8" x 11-5/16"	Size: 8-11/16" x 12-3/16"	Size: 10-1/4" x 14-5/16"

The AT-502, AT-602 & AT-802 speaker assemblies are high quality two way speaker systems designed for flush installation in walls 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 don'ts:

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 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. Remove grill cover from each speaker to gain access to the mounting holes.
4. Connect wires from the amplifier to the 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. 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-502, AT-602 & AT-802 speakers are covered by a lifetime 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.

#### AUDIOPLEX TECHNOLOGY®

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