AT

WALL ENCLOSURE

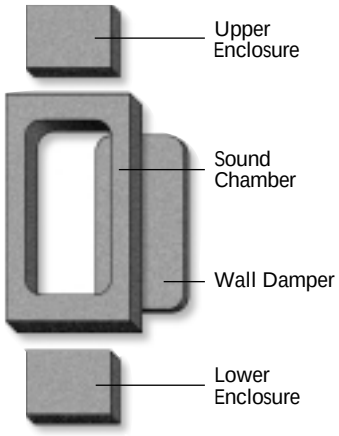
INTRODUCTION

The AT Wall Enclosure has been specifically designed to enhance the high quality sound provided by AT Loudspeakers. By eliminating unwanted drywall resonance and creating an optimized air volume for the speaker, low bass response is greatly improved. Midrange and high frequency detail also benefits resulting in a more realistic and spacious stereo image. An added benefit is a substantial reduction in sound leakage to adjoining rooms. Installation is quick and easy, and enables predictable performance in all applications.

FEATURES AND BENEFITS

- **Damps unwanted drywall resonance for improved low bass response, detail and clarity**
- **Sound absorbing foam construction reduces unwanted noise in adjoining rooms**
- **UL94 HF1 fire rated material**

Designed to fit securely in a 2" x 4" stud wall on standard 16" centers.



INSTALLATION CONSIDERATIONS

The AT Wall Enclosure has been designed to fit in walls with standard 16" centered 2 x 4 studs with an exactly centered AT speaker cut-out. Studs that are spaced closer than 16" together or that have a speaker cut-out that is not centered will not enable proper installation.

Typical Installation

A typical installation, as shown in **Figure 1**, consists of the Upper and Lower Enclosure located above and below the Sound Chamber with the Wall Damper adhered to the opposite wall within the Sound Chamber. Walls that have horizontal fire breaks between the studs will not enable a typical installation if the breaks are positioned closer than 20" from the center of the speaker cut-out. A typical installation also requires that the wall cut-out for the AT speaker be at least 12" up from the floor or 12" down from the ceiling.

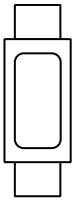


Fig. 1

Alternative Installation

Consider installing the Upper and Lower Enclosures as shown in **Figures 2 or 3** if the floor, ceiling or a fire break becomes an obstacle.

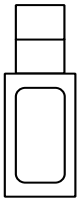


Fig. 2

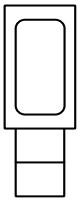
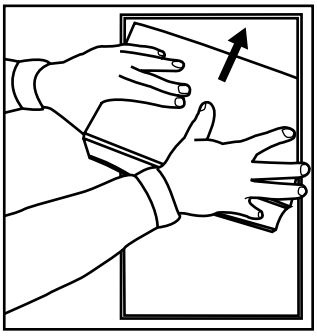
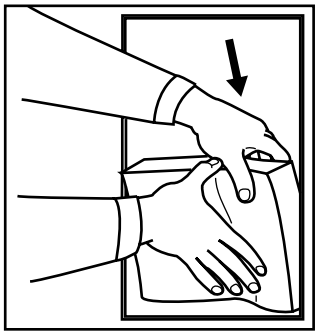


Fig. 3

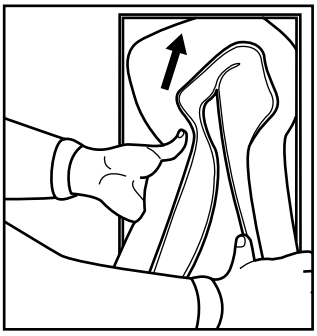
INSTALLATION



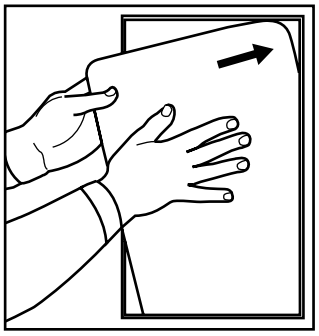
Compress the Upper Enclosure Treatment so that it is small enough to fit through the opening and place it up through the opening.



Compress the Lower Enclosure Treatment so that it is small enough to fit through the opening and place it down through the opening.



Compress the Sound Chamber and place it into the opening so that it is caught between upper and lower segments.



The last step is to place the Wall Damper into the chamber opening by removing the adhesive and placing it against the back wall.

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