

# Using the Advent/3

*This cabinet is constructed of non-resonant particle board finished in walnut-grained vinyl*

## Connection to an amplifier

We recommend the use of 18-gauge standard “lamp cord” for connection between amplifier and speaker. You will notice that there are two individually marked amplifier terminals for each speaker. These terminals are frequently called “+” and “-” or sometimes they are color coded. It is important to connect the amplifier’s terminals to those on the speaker identically for each channel. For example, if on the left channel you connected the “+” terminal of the amplifier to the “8” terminal of the speaker, then you would connect the right speaker in the same way, matching the designations. It does not matter which terminals are matched to which, as long as you are consistent for both channels. Identical connection of all channels assures that the cones of all speakers will move back and forth together (“in phase”) rather than in opposition. If you are confused about the designations, please see your amplifier’s instructions.

To help make identical connections, all speaker cables are coded in one way or another (by color or insulation pattern, or with a “seam tracer” along one wire). If you are not sure of the coding or the correctness of your connection for proper phasing, simply place the two speakers face-to-face a few inches apart, put your amplifier or receiver in the *Mono* mode, and listen to a record with some bass content. Then reverse the wire connections to *one* of the two speakers and listen again. The connection that yields more bass is the correct one.

## Speaker placement

The **Advent/3** is finished on all four sides so that it may be placed horizontally or vertically in any convenient location in your room. If you have the inclination, you can experiment with various placements with the knowledge that room acoustics can often produce large apparent differences in the sound for small changes in placement. For example, although the speaker may be located at any height above the floor, locating the high frequency speakers somewhere near ear level often provides the most realistic musical imaging. Another rule of thumb is that the proportion of bass increases as you move a speaker toward intersecting room surfaces (wall and wall, wall and floor, wall and ceiling), and that greatest bass results from placement at the intersection of three surfaces, such as in a corner at the floor or ceiling. With these two rules in mind, you should be able to obtain the balance you prefer with reasonable ease.

## Wall Mounting

Hardware for mounting the **Advent/3** on picture hooks is available upon request from the Advent Customer Service Department.

## Important note on power handling

Like any product, the Advent/3 has performance limits, and if they are consistently exceeded, damage to the speaker will result. Fortunately, when those limits are exceeded, there is a warning: audible distortion (such as a “fuzzy” or “raspy” sound), which is usually the result of driving an amplifier beyond its power capability. Overdriving an amplifier or receiver - **including one with a modest power rating** - in turn overdrives the speaker so that permanent damage results. Should you encounter the warning of distortion at high volume levels, no harm will be done if you immediately lower the volume to a point where the distortion disappears. **However, prolonged operation at distorted volume levels can result in damage to the speaker that is not covered by the warranty.**

## ADVENT

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