

# Presence®

## A-525CC Dual 5-1/4" 2-way MTM Loudspeaker

**Congratulations!** You have purchased a high quality stereo loudspeaker. When matched to comparable electronic equipment, expect years of quality high fidelity sound. Our belief is that music matters and we are focused on delivering superlative music reproduction everywhere in your home.

The following manual is designed to give you, the installer or owner, basic information as to the speaker's installation and operation. It is beyond the scope of this manual to go into all the details that must be taken into consideration in a sophisticated high fidelity system. When installing the wiring and speakers it is important to adhere to all local codes and regulations. Consulting a professional will help to maximize your system's performance.

If you have any questions that are not answered by this manual, contact your local dealer for assistance. For the most current information please visit: [www.oemsystems.com](http://www.oemsystems.com).

### GENERAL DESCRIPTION

These two-way speakers have specially designed Kevlar® woofers with linear long throw butyl rubber surrounds for long life and superior damping. A 1" Silk dome ferro-fluid cooled tweeter with acoustically optimized aluminum baffle is utilized for excellent high frequency dispersion throughout your entire listening environment.



Silk dome ferro-fluid cooled tweeter

### SHIPPING DAMAGE

Each speaker is thoroughly tested before it leaves the factory. However, in shipment, accidents may occur. Please inspect your speakers carefully when you receive them to make sure there is no damage. If there is, please notify your dealer or supplier immediately for assistance. If you received your speakers by public transportation, report the damage at once to the shipping company.

### AMPLIFIER OPERATION

These speakers will perform well with amplifiers from 5 to 125 Watts RMS. However, damage to the speakers can be done by amplifiers of nearly any power rating if the amplifier is overdriven into clipping. "Amplifier clipping" is a phrase used to describe a condition when, because of the volume demand, an amplifier is being asked for more power than it can give. Clipping causes distortion of the audio signal. If you should hear an unusual amount of distortion at high listening levels then consider reducing the volume. **DAMAGE DONE TO A SPEAKER BY CLIPPING IS NOT COVERED UNDER THE WARRANTY.**



### SPEAKER PLACEMENT AND SETUP

For most center channel applications the speaker will lay horizontally either beneath or above the video display. Some screens may be acoustically transparent and allow the speaker to be placed behind the screen. The center speaker can be oriented vertically if desired. Due to space constraints this is not usually done for the center channel but is usually done for the main and surround channels.



Gold spring-post connections that accept up to #10 wire & dual banana plugs

Significant bass emphasis can occur when a speaker is placed in a corner or in a cabinet. In some cases this is desirable. However, if too much bass emphasis occurs then it may be necessary to reduce the low frequency information to the speaker. This is best done using the tone controls if a subwoofer is not present in the system. However if a subwoofer is present then this is best done by selecting a filtered high-pass output to the primary speakers. This is an available feature in most modern home theater receivers.

Though the A-525CC can be used without a subwoofer it is ideally suited for use with a subwoofer. When setting up the A-525CC speakers with a subwoofer in a home theater application we recommend the following receiver settings:

**Subwoofer (Low Pass) cutoff: 70-100Hz**

**A-525CC in LCRS Positions:  
80-100Hz (small or mid size speakers)**

A higher crossover frequency will allow the A-525CC speakers to play louder without overdriving its 5.25" woofers. These upper bass frequencies will be reproduced by the subwoofer but the bass may sound detached if the subwoofer is not placed in close proximity to the main speakers. Every system and environment is unique; experiment to determine what works best in yours.