

## **OVERVIEW**

The latest scientific research, combined with Sunfire's proven patented technologies, has resulted in the smallest, most powerful subwoofer in its class. Sunfire's ATMOS and its 6.5" active subwoofer out performs every other similarly sized subwoofer in the world, while also beating many of the world's 10" and 12" models as well. Easy and versatile to install with its master/slave connectors, the ATMOS allows you to add an additional sub into any system, allowing you to increase the bass output without compromising the fidelity.

## **FEATURES & SPECS**

### **DESIGN:**

- \* Single 6.5" active woofer with a passive radiator
- \* 8.5"H x 8.9" W x 10.1" L
- \* Aluminum cabinet allows atmospheric backpressures as high as 24.4 PSI
- \* Anti-Resonate Custom Foot
- \* FEA—Finite Element Analysis—redesigned tracking down converter
- \* ACS—Asymmetrical Cardiod Surround—Allows 1.8 inches of 'throw' of the ATMOS woofer

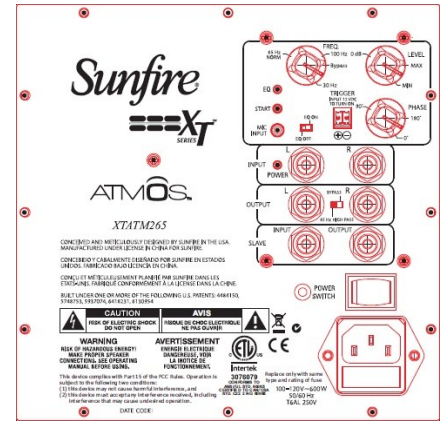
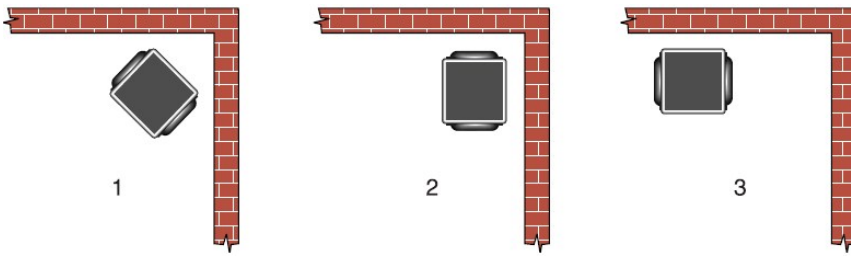
### **SYSTEM PERFORMANCE:**

- \* 1400 watts
- \* Output: 106 dB (including room gain)
- \* Frequency response: 30Hz-100Hz
- \* Auto room correction w/ included microphone

### **WIRING:**

High quality, fully shielded, interconnect cables required

# ATMOS Subwoofer Location:



The ATMOS subwoofer is designed to be placed in a corner and will produce optimum performance when doing so.

#1 Is considered the best listening position for most environments

#2 Is also good but may shake the back wall and cause things on or along the wall to rattle. If this occurs try position 3

#3 Move the subwoofer away from the wall approximately three feet as shown. This will greatly reduce the rattling of the wall as still pressurize the room with lots of bass

It is highly recommended to try several locations and decide which location is best for the room. All images in this note will reflect corner position #1

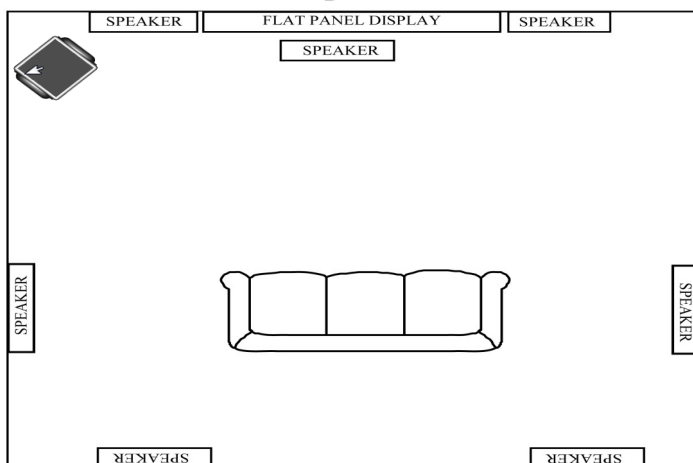
## APPLICATION #1— SINGLE ATMOS subwoofer in a 7 Channel environment



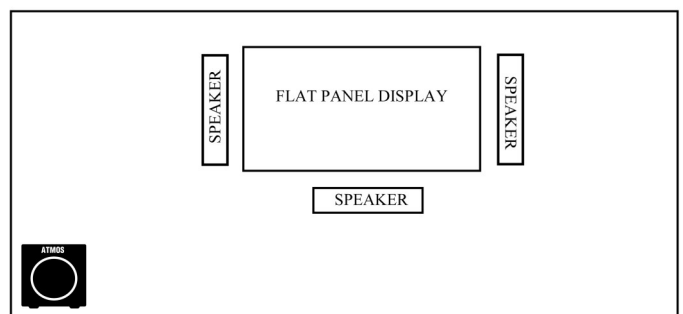
Rooms up to 400 square feet

Subwoofer placement is critical in every listening environment. It is recommended to do a sound test for best placement. When placing the subwoofer in a corner it is best to place it at an angle as shown in the top view.

**Top View**



**Front View**

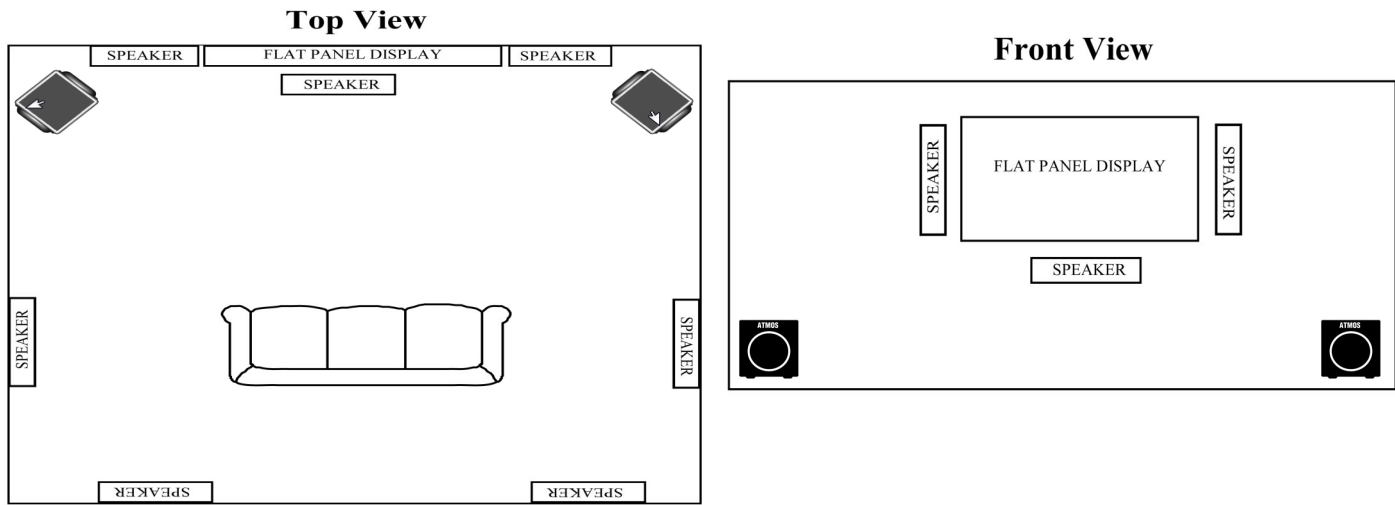


## APPLICATION #2—Dual ATMOS subwoofer in a 7 channel surround system



Rooms 400 sq ft  
and larger

Using multiple subwoofers flattens room response and improves overall bass performance. It also presents a balanced look, since in many cases there will be a subwoofer on each side of the screen. Simplify the dual ATMOS subwoofer by using the slave output and input connections.



### System Notes:

- \* Connect the slave output from the first ATMOS subwoofer to the slave input of the second. This second ATMOS subwoofer will then receive the optimized audio signals from the first. There is no need to adjust the controls of the second ATMOS subwoofer, as the audio is controlled by the settings and EQ setting of the first. The second ATMOS subwoofer will not require any connections to its line-level inputs, as it receives the audio through its slave input.
- \* The slave sub(s) must be connected using the slave output from the first ATMOS subwoofer to the slave input of the second ATMOS subwoofer *before* using the microphone and auto EQ procedure. The microphone must be connected to the *first* ATMOS subwoofer during this procedure.
- \* If wiring doesn't allow using the slave connections, and the install requires using the audio input connections on the second ATMOS subwoofer, the auto EQ procedure must be performed on each ATMOS subwoofer separately.