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Monitor Placement

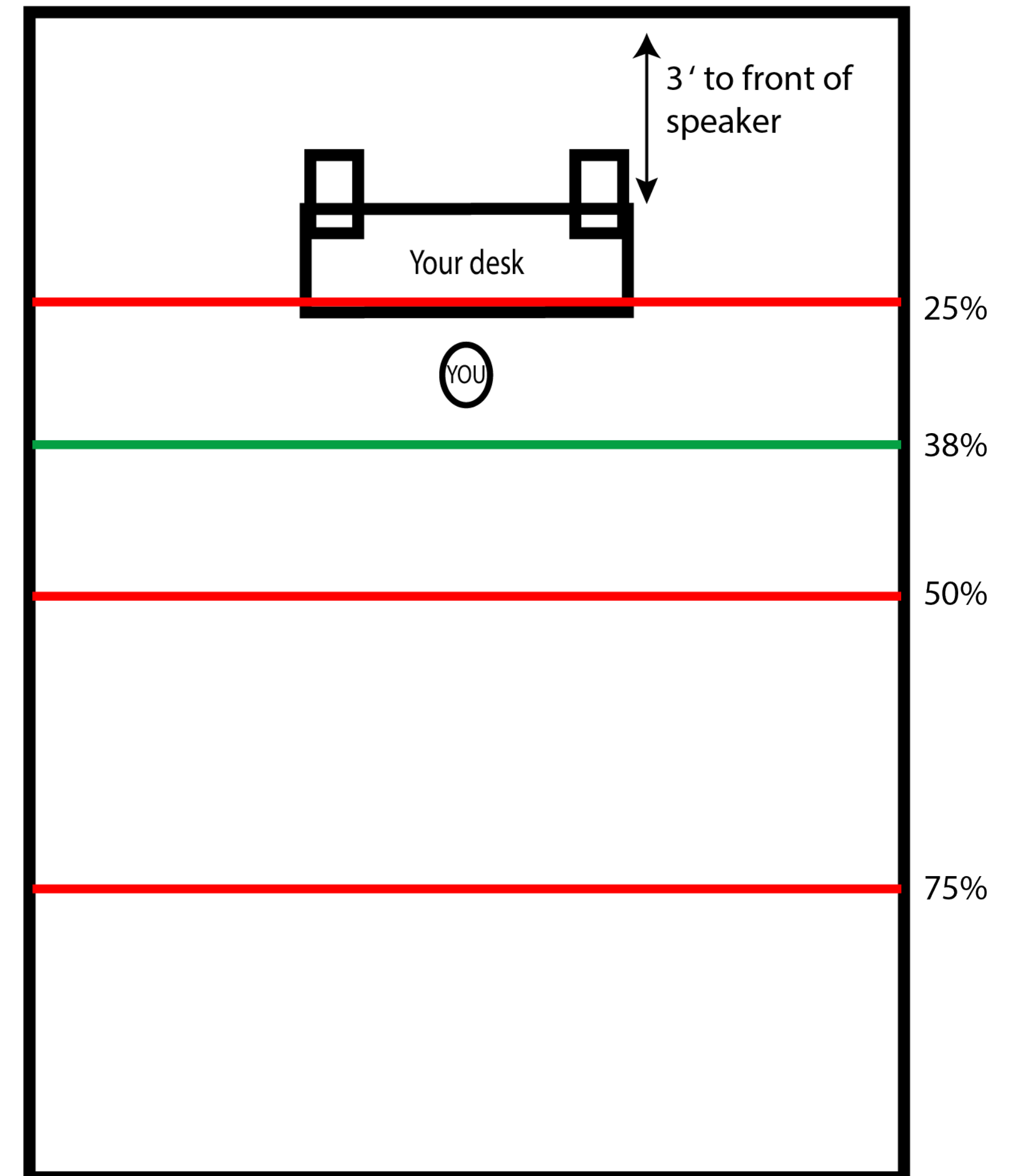
Finding The Sweet Spot

The steps to getting the perfect monitor setup

1. Distance from the wall
2. Height and angle
3. Equilateral triangle

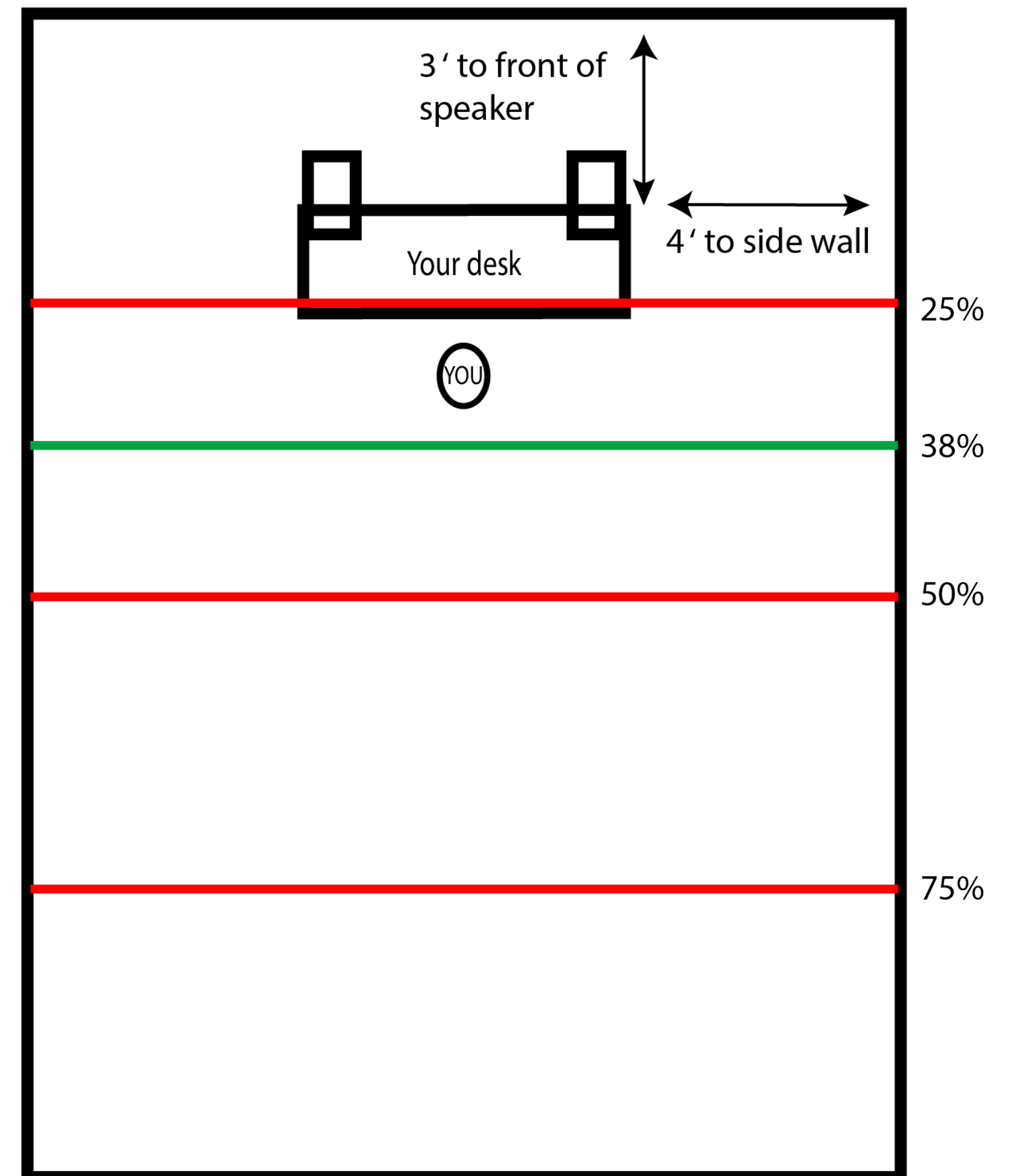
Distance From The Wall

Check your speakers manual. Sometimes it is recommended to be close to a wall and sometimes farther away. As a general guide try to stay 8" to 3' 3" away from the wall. When speakers are close to a wall they can enhance the bass frequencies making them sound louder than they really are. If you go past 3' 3" you can possibly cause acoustic issues in the 35 Hz to 80 Hz range that are hard to treat.



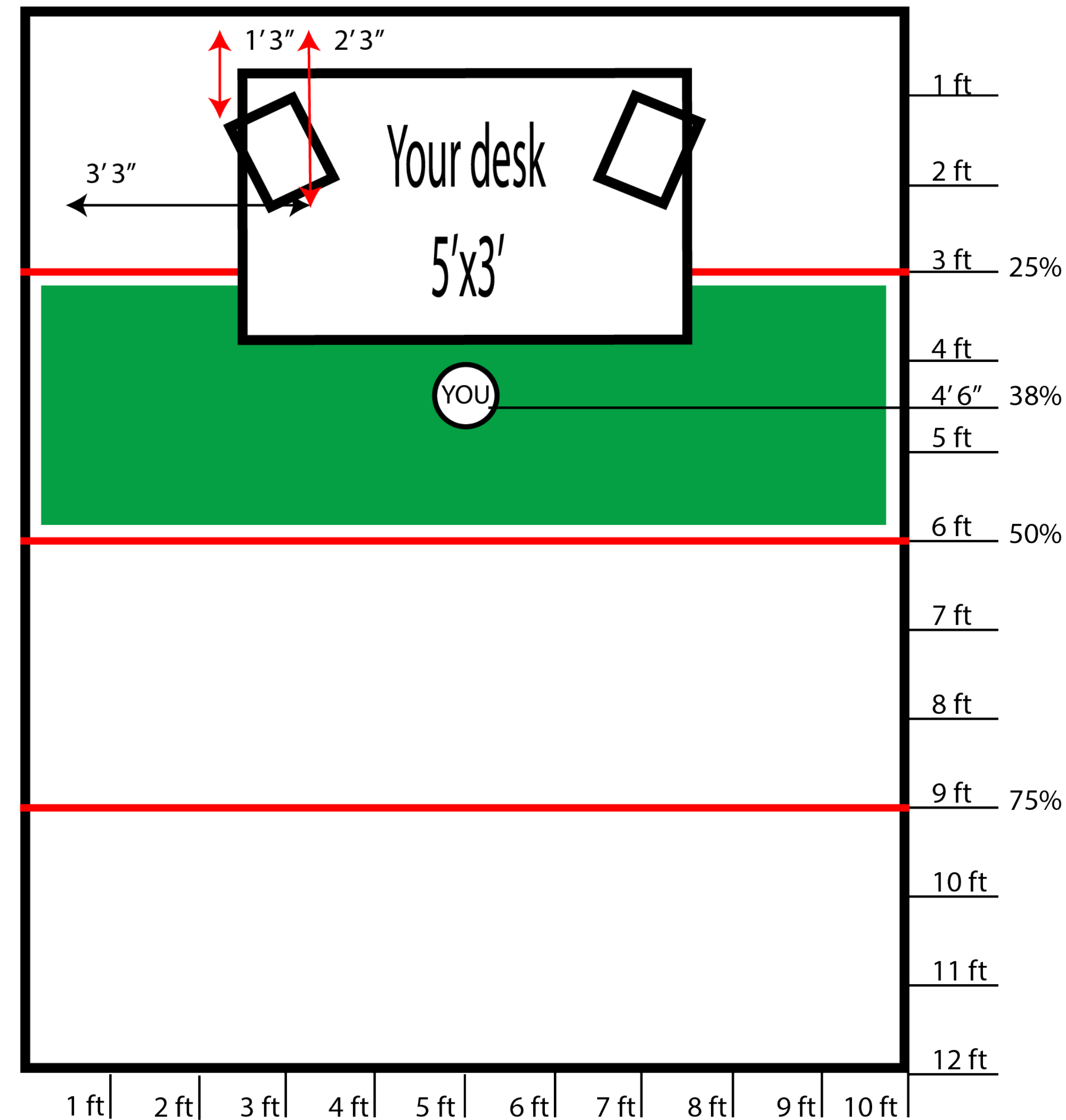
The Distances Shouldn't Match

We don't want to be the same distance from the front and side wall to the speaker. If the front of your speaker measures 3 feet from the front wall, make sure it isn't also 3 feet from the side wall.



Example

Lets say you're in a 12' long by 10' wide room. Your 38% spot would be 4' 6". So you are sitting at 4' 6" and your desk sits in front of you with 3' from front to back. If you place your speakers on the back corners they will be around 1' 3" from the front wall to the back of the speakers. If your desk is 5 feet wide then your speakers would be around 3' 3" from the side walls to the tweeters.



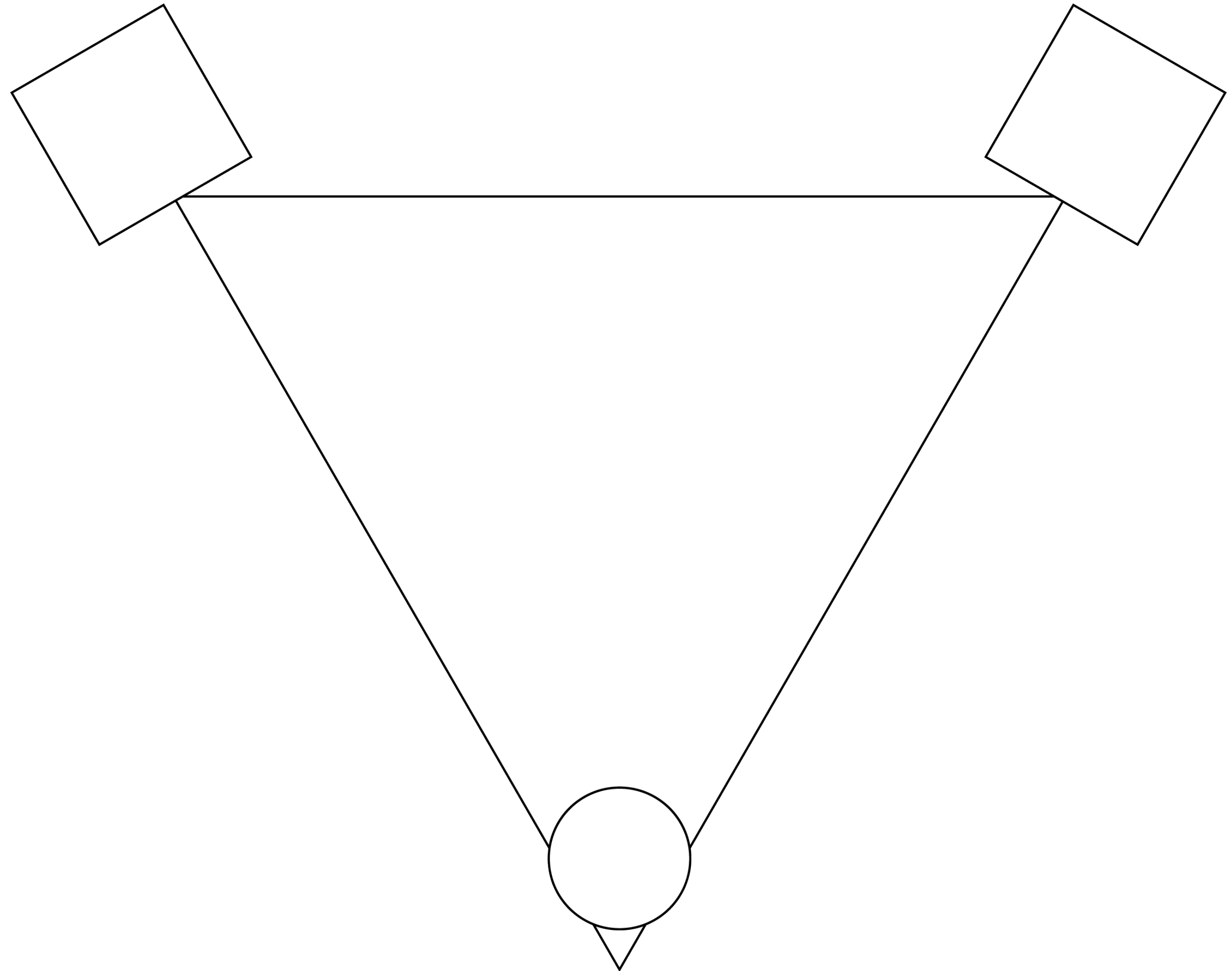
Height And Angle

The best position for your speakers are at ear height. If the tweeter doesn't sit at ear height then you can angle the speaker down or up to face at your ears. The ideal height from the ground to your tweeter is 48".



Equilateral Triangle

The distance between both speakers tweeters should be the same distance to the back of your head. This will give you the “sweet spot” which gives the best stereo imaging.



Equilateral Triangle

This takes some time and a measuring tape. You will have to angle your monitors and move them around so they point to the same spot. Start by measuring the distance between the speakers tweeters then make a triangle with the same distance on each side.



In Summary

Distance from the wall

Check your speakers manual to see if they recommend a certain distance. If not then the average will be anywhere from 8" to 3' 3". Make sure the distance from the front wall doesn't match the distance from the side walls.

Height of the speakers

The tweeters should point at your ears. If they are lower or higher than your ears then angle them to point at your ears.

Equilateral triangle

Measure the distance between your speakers then take that distance to make a triangle that sits right behind your head. All sides of the triangle should be the same distance.