Audioengine P4 (AP4) Passive Bookshelf Speakers & N22

The Audioengine AP4 desktops speakers are perhaps the most noticeable difference in sound quality compared to base models of anything that we have ever seen. For example the difference in sound between a pair of $20 headphones and $200 headphones is significant to the trained ear, but the improvement would not be worth the price for the average Joe who casually listens

to his iPod. The same could never be said about the AP4′s. The vast majority of people are using the cheap speakers that came with their desktop PC, and they do not realize what they are missing. The second we plugged in these bad boys and began to play some music, we started grinning ear to ear. We couldn't believe the difference. The increase in enjoyment from just about all media increased a million fold when our regular speakers were replaced with the AP4′s. From listening to music on iTunes to watching videos or playing games, all media is improved so significantly by these speakers. We know that we're sounding like a broken record here but we simply can't put

enough emphasis on how much of a different the AP4′s make. Not only do they work for use simply with your computer. They are powerful enough to fill a fairly large room with sound.

They are passive speakers, requiring an amplifier or receiver. We used the N22 desktop amplifier, and it really is a perfect fit with the AP4′s, but would be nice with just about any passive speakers.

Perhaps our favorite thing about the N22 is the overwhelming simplicity. Set up is easy, plug 2 chords into the back, one going to your audio input and the other to a power outlet. Then connect the provided cabling to the back of the N22 and the AP4′s, and you're done. But where the real simplicity lies in the use of the N22 after set up. All that is on the front of the N22′s is a dial for volume control, a blue L.E.D light to indicate that it is on, and a headphone jack. Their minimalistic design makes the N22′s perfect for anyone looking for a solid amplifier. They provide the power desired by the most eccentric audiophile while being simple enough to be used by people of all levels of technical understanding. In this sense, they are the pretty much the perfect product. We can not come up with one thing that we would change about the N22, its powerful, compact, and easy to use. The only potential turn off would be the $200 price tag, but as far as desktop amplifiers go thats one of the lowest prices out there. So Audioengine has left us nothing to complain about. We highly recommended you go out and buy yourself and N22 and AP4 companion speakers right this second, but at the very least take a look at their site [here](#).

General Specification

Type:2-way passive, front ported design

Sensitivity:88dB (2.83v@1m)

Frequency response:58Hz-22kHz

Nominal Impedance:4-8 Ohms

Crossover Frequency:2.8 kHz

Recommended Amplifier Power:10-125W per channel

Tweeter:3/4″ (20mm) silk dome with neodymium magnets

Woofer:4″ (101mm)Kevlar cone

Enclosure:3/4″ MDF

Inputs:Gold-plated, 5-way binding posts

Magnetically Shielded

Weight (each):2.75 kg (6 lbs)

Total shipping weight:6.5 kg (14 lbs)

Dimensions (each):228 (H) x 140 (W) x 165 mm (D) (9 x 5.5 x 6.5″)

Shipping box dims:330 (H) x 460 (W) x 228 mm (D) (13 x 18 x 9″)

Finish Options:Satin Black, Hi-Gloss White, Solid Carbonized Bamboo