Subject: Does "Affordable" And "Power Amps" Fit In The Sentence????
Posted by Don17 on Fri, 25 Nov 2005 00:15:22 GMT
View Forum Message <> Reply to Message

Hey Guys!! I hope eveyone's having a great Thanksgiving with their families.I am a college student as well as a Part time sound engineer.I have a custom-built JBL sound system that requires tri-amping with an external electronic crossover. I've been looking all over for a good amp that packs plenty of power, and at the same time, is affordable enough to buy 3 or 4 units to get the speakers powered up.I am deeply troubled because I have stumbled upon the Berhringer EP 2500 power amplifire (500wx2@8ohms, 750wx2@4ohms, 1200wx2@2ohms). It seems very powerful and affordable too. I'm tempted to buy it, but i want to make sure that it would be a good investment to have my sound company start out with. I just want to know what your opinions are as far as this amp goes.Thanks in advance!-Don

Subject: Re: Does "Affordable" And "Power Amps" Fit In The Sentence????
Posted by Chris R on Fri, 25 Nov 2005 04:50:32 GMT
View Forum Message <> Reply to Message

Hi Don, I have one of these, and I'm no pro, but I can say that many people on the rec.audio.pro news group accept these are decent low end (as pro equipment goes) amps. No real problems reported. The one I have will certainly drive loud and clean. A guy I trust doesn't recommend 2 ohm stereo, 4 ohm bridged loads, so consider that. They are comparable to QSC RMX2400's.Chris

Subject: Re: Does "Affordable" And "Power Amps" Fit In The Sentence????
Posted by Paul C. on Fri, 25 Nov 2005 06:17:25 GMT
View Forum Message <> Reply to Message

You DON'T need the same power amps all of the system. For example, if your woofer amps are 100 w/ch, your mid amps could be 30 w/ch, and tweeter amps could be 10 w/ch... and your woofer amp would still clip before your tweeter amp. 90% of the power in music is below 500 hz... or more.

Subject: Re: Does "Affordable" And "Power Amps" Fit In The Sentence????
Posted by Paul C. on Fri, 25 Nov 2005 21:02:47 GMT
View Forum Message <> Reply to Message

Here is an excellent paper on biamplification explaining the distribution of power, why smaller amps can be used for the upper frequencies.http://www.hometheateraudiocontrol.com/FAQ_detail.asp?id=1666"Crossovers and Biamplification"also http://www.hometheateraudiocontrol.com/FAQ_detail.asp?id=1667"Crossover Networks from A to Linkwitz-Rielly"