Subject: Re: Request for Plans
Posted by Wayne Parham on Tue, 31 May 2011 16:07:32 GMT
View Forum Message <> Reply to Message

models can use an Eminence PSD2002 compression driver or the optional B&C DE250 driver.

All our models are designed to work best with multisubs. In fact, all loudspeaker systems work best with multisubs, since it's really a room mode thing. But all our models have powerful woofers yet gradual rolloff slopes that blend very well with multisubs. Don't high-pass the mains, just low-pass the subs.

Our constant directivity cornerhorns blend the woofer and the midhorn in the 100Hz to 250Hz range. The woofer has a very gradual (first-order) low-pass and the midhorn's only rolloff down low is acoustic. They are designed to overlap so there is smoothing in the upper model region. This is discussed in the last few pages of the following whitepaper:
High-Fidelity Uniform-Directivity Loudspeakers