Subject: Types of distortion to avoid
Posted by Rudi on Mon, 04 Mar 2002 19:58:33 GMT
View Forum Message <> Reply to Message

I never know why some guitar players like distortion effects,such as 'overdrive';In the long run it will damage the speaker.anyway here are several types of distortion to avoid:Many factors can contribute to distortion in the driver: cone behaviour,coil-end windings passing out of the main magnetic field at maximum excursion,uneven magnetic field distibution and non-linearcompliance of the cone suspension.Other types such as doppler distortion,harmonic distortion,noise,transient responce,clipping,intermodulation distortion.Also what is the benefit of having a tweeter mounted inside the bass [co-axial]

Subject: Avoid all types of distortion!
Posted by Wayne Parham on Tue, 05 Mar 2002 04:32:05 GMT
View Forum Message <> Reply to Message

You must be "pulling our legs" with that post! As much as possible, avoid all types of distortion!Where loudspeakers are concerned, the only time I've seen people say certain types of distortion are acceptable are times when that same someone is trying to promote a pet project, probably one that produces more distortion than a competing product. Sometimes, they go so far as to say their product's distortion is euphonic, implying their speaker sounds better as a result of the distortion it makes. That's a cop-out, if you asked me. It seems to me that wherever you can reduce distortion in a loudspeaker, it is a good thing to do. That's why I like horns and drivers with shorting rings. Both are technologies that reduce distortion.

Subject: Rudi you crack me up.....
Posted by LuxmanLover on Tue, 05 Mar 2002 22:32:30 GMT
View Forum Message <> Reply to Message

LOL