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Subject: Types of distortion to avoid

Posted by [Rudi](#) on Mon, 04 Mar 2002 19:58:33 GMT

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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 distribution and non-linear compliance of the cone suspension. Other types such as doppler distortion, harmonic distortion, noise, transient response, clipping, intermodulation distortion. Also what is the benefit of having a tweeter mounted inside the bass [co-axial]