

---

Subject: Re: delta 12LF goes high enough?

Posted by [Wayne Parham](#) on Mon, 30 Sep 2002 19:56:57 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

"Break-up modes" are frequencies where the cone twists and has ripples across its surface instead of moving as a rigid piston in a single, unified motion. Some speakers get very loud and harsh in the breakup region, others are pretty controlled. Some designers try to avoid using the speaker in this mode for technical reasons, but others use the increased output to their advantage. Single driver designs, especially those with whizzer cones are an example of purpose-designed use of controlled breakup mode behavior.