

## **The two most important elements of music reproduction**

1. **Keeping the Tune-** Maintaining pitch definition (also known as the interval between notes). Linn introduced the concept of “keeping the tune” in the late 70’s early 80’s. In 1981 a Linn engineer showed Creston Funk and Mark Heaston (the founders of Concert Sound) what Linn meant by “keeping the tune” during a visit to their Glasgow Factory. The Linn engineer demonstrated that most equipment compresses the signal toward a mean frequency. In other words it sounds monotone, rather than having vast differences in the tones. There are many ways to demonstrate the difference between a HiFi that “keeps the tune” and one that does not. One demonstration often used is showing the difference between CD’s and LP’s. When switching from LP’s to CD’s music becomes monotone giving less tonal range between notes, thus making the musical experience less enjoyable.
2. **Rhythmic Coherence-** Every major recording, whether you like the music, usually has a drummer that can play in time. When a HiFi scrambles the rhythm what you end up with is a system that leaves you waiting for the MUSIC to start. Music is basically frequency information arranged in a time grid. If you do not have the frequency information and you do not have organized information, you have noise. This is also demonstrable by comparing LP’s and CD’s. When the music start’s, when can you start picking up the beat, with the CD you really never pick up the beat and with a good turntable you can pick up the beat on the first few measures of the introduction. And we are just not interested in having equipment that cannot reproduce the Rhythmic Coherence properly.