

New Digital Performance from Tellurium Q[®]

Waveform[™] is the new class of semi-active digital RCAs from Tellurium Q[®] (patent applied for in UK, number: 1223346.6) coming from many months of research.

The new device contains a bi-directional, high speed, non-avalanching voltage clamp, controlling the peak voltages into your DAC. This clever technology is contained on two little circuit boards incased in anti-microphonic material, one in each RCA plug.

The key attributes are:

1. Rise and fall edges are faster than ordinary non-waveform[™] digital cables giving the most accurate signal possible today.
2. Produces a more symmetrical waveform which reduces over sampling errors where that method is used.
3. Spdif/BNC to RCA phono drive now will vastly reduce dropout to negligible levels due to the non-avalanching voltage clamp. Normal methods of clamping generally involve an avalanching approach which causes a severe cut off and affects the sound quality and drop out .
4. Reduced ringing which stops DAC input from false triggering and / or dropping out.



Result: reduced jitter

In a nut shell:

Using circuitry in both ends of the cable, boosts the speed of the edges of the digital signal giving you the fastest possible secure transmission of a digital signal allowing DACs to maintain an excellent lock at all times and reduce error and minimise dropout which gives the most accurate signal possible today and more importantly reduces jitter.

