Subject: Interpreting tube setup in a Leben CS-600
Posted by kasperbergholt on Tue, 11 Apr 2023 12:03:41 GMT
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Clever people of the Table,

Last December I got some very good inputs and explanations on measurement terminology and things to look for when buying preamp tubes.

At that time, it was for an Audio Note preamplifier which is designed with one of these. For several reasons, I've moved away from Audio Note and bought a Leben CS-600 integrated amplifier instead. It's one of the best audio purchases I've ever done. It's stunning in all ways.

It uses four C67S tubes in the driver stage. Accordring to the Japanse distributor the functions of each tube is like this:

Tube 1 (from left) is first stage for left channel;
Tube 2 (from left) is second stage for left channel;
Tube 3 (from left) is first stage for right channel;
Tube 4 (from left) is second stage for right channel;

Where 1, 2, 3 & 4 are the tubes placement when looking face to face at the amplifier.

Number 1 & 3 are for 1st stage amplification and number 2 & 4 are for phase reversal.

So far, I get it, I think :)

The 6CS7 tube design is an assymetrical design. As far as I can tell from data sheets from GE, Sylvania & Tung-Sol section I is stated as Ia=10.5 mA for NOS - and section II: Ia=19mA as NOS.

And here comes my question, at long last: Is it possible from reading the attached diagram to tell which sections are used (or not used) at the two stages of amplification?

That is, which triode-half is used in the four placements

Perhaps more than one triode is used in one or more placements?

I find it bit difficult to explain, so please ask questions where there things are unclear.

My mission is to get the best matching tubes for each position. Getting matched quads is difficult, as the market is thinning out.

So being able to know which triode value to optimize on for each tube placement would be nice.

Thanks again!

-- Kasper

File Attachments

1) leben-cs-600p.jpg, downloaded 406 times