

Subject of the MsC Dissertation:

Controlled Audio Valve Amplifier

Team:

Student: Tiago José da Silva Campos

Supervisor: Vítor Manuel Grade Tavares

Co-supervisor: Ricardo Ivo Rainha Dias Faro de Carvalho

Accomplishments:

- The amplifier design is taking more time than it was first expected, mainly because of the choice of the circlotron output topology, which is very unusual and there is few available information about it. Due to this matter the power supply unit design is only starting this week. The digital part for control of the amplifier will need to have faster developments than this earlier phase. Since a good time margin was stipulated at the first schedule, for this part, it shall not be a big issue;
- A meeting between the Student, Supervisor and Co-Supervisor took place in April the 6th, in order to discuss the power supply unit design;
- A Portuguese company that produces custom output transformers and also power transformers was found. Conversations between the student and the company started;
- All the valves, plus sockets, were ordered from the German company Banzaimusic.